



B.L.D.E. ASSOCIATION'S

COMMERCE, B.H.S. ARTS & T.G.P. SCIENCE COLLEGE, JAMKHANDI - 587301

(DISTRICT: BAGALKOT)

NAAC III Cycle Accreditation 'A' Grade (CGPA-3.32)

Phone/fax: 08353-220183 | Email: bldeajkd@yahoo.in | Website: www.bldeajkd.ac.in

CRITERIA – VI

Governance, Leadership & Management





6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.

Practice I: Sustainable Environment Awareness Initiative

Practice II: Augmentation of Academic & Professional Linkages

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SUSTAINABLE ENVIRONMENT AWARENESS INITIATIVE





Contents

- OBJECTIVES.
- AREAS OF OPERATION
- SUGGESTED SWACHH ACTIVITIES ON CAMPUS.
- PLASTIC BAN POLICY



OBJECTIVES

The objectives of Clean Campus Committee are.

- i. To build consensus on the need for maintaining a Clean and Green Campus among campus leaders at student level, faculty level and campus level.
- ii. Monitor the existing environmental performance of the campus in a participatory and transparent way
- iii. Facilitate design of specific interventions for making the campus clean and green by following international standards and accepted parameters.
- iv. To Institute a Clean Policy which will contain the following documents
 - a. **Water conservation policy:** Optimum use of water, reuse of treated water, water saving appliances and water recycling
 - b. **Waste Management Policy:** The "5 R" principles of reduce, recycle, refuse and regenerate as well as to reducing waste sent to landfill to less than 10% of waste generated. Banning all plastic disposable items from the campus is the first step. Drawing lessons from the Clean campaign for handling computer and electronic equipment and other e-wastes. It should also contain sanitation and hygiene monitoring process
 - c. **Energy conservation and usage policy:** Introduction of solar energy and reduction in energy consumption through technologies and management processes
 - d. **Campus Green Protocol:** A greening policy which looks inter environmental sustainability and growing endemic and endangered species of trees covering at least 33% of land area on campus.



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- e. Ban on Plastic Policy:** Reduce the usage of plastic, especially the single use plastic
- v.** To find ways and means of Partnering with other Institutions and Agencies such as:
- a. Funding Agencies:** State and central regulators and finance agencies and ministries like IIRD. Water resources sanitation, forests and environment as well as AICTE.
 - b. Donors:** Alumni. NGOs, private foundations and corporate houses.
 - c. Non-profit Organizations**
 - d. Media**
 - e. Government schemes**
- vi.** to identify how Environment and Sustainability could be integrated into the curriculum
- vii.** To facilitate Green Audit.

AREAS OF INTERVENTION

The major areas of intervention of Clean Campus Committee are

- Good sanitation and hygiene practice
- Waste Management
- Water conservation practices
- Campus greenery
- Energy conservation

SUGGESTED SWACHH ACTIVITIES ON CAMPUS

- 1. Survey on Waste:** Sources of waste generation, the quantum of waste generated from each source per day, per week and per month are noted. After segregation of waste its quantity is calculated.
- 2. Plan and Prepare with the 5R principle:** Preparation involves training everyone in scientific waste disposal, involving sanitation staff in



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1. **Survey on Waste:** Sources of waste generation, the quantum of waste generated from each source per day, per week and per month are noted. After segregation of waste its quantity is calculated.
2. **Plan and Prepare with the 5R principle:** Preparation involves training everyone in scientific waste disposal, involving sanitation staff in



planning and educating campus residents Sanitation supervisor and staff are consulted for manpower requirements and deployment

3. **Facility, Equipment and Logistics** is includes bins, collection carts, uniform. safety gear, gloves and rakes for handling different kinds of wastes are provided at different locations, there are waste management facilities in campus with incinerator and compost/waste bins. There is a facility for sanitation workers to wash and clean Bins, carts, vehicles in their most appropriate sizes are required and are to be placed at different locations in the campus with colour coding for easy waste segregation
4. **Segregation of Waste:** Shredders, sieves and other mechanical devices are provided collected waste is checked for proper suitability before treatment. Tertiary segregation recovers recyclables and reusable wastes.
5. **Ban on Plastic in Campus:** Important practices include total ban on single use plastic items like plastic bottles, disposable plates and toiletries in sachets. Recyclables like e-waste, glass and plastics are given to scrap collectors.
6. **Reduction in Paper Waste:** Reduction in paper use and sharing of notes and documents are to be promoted. Two-side printing on paper is to be promoted.
7. **Orientation Programmes:** Conduct orientation programmes and seminar for all students and employees on Cleanliness etc.
8. **Contribution to Clean Campus Initiative:** Ensure all students and employees, including the outsourced ones, are contributing to the Clean Campus Initiative.
9. **Integration of Development Aspects:** Integrate Cleanliness and sustainable development aspects and perspectives into the existing curriculum or as Value added Courses.


Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344


PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



Degradable and non-degradable waste management

Inspired by Swachha Bharath Abhiyan, a flagship initiative of the Government of India, the college has taken several initiatives to dispose of the waste properly and maintain an eco-friendly environment in and around the campus. Appropriate labelling is used on all kinds of bins to help users discard various types of waste, avoiding manual segregation.

Solid waste management:

Institute practices the segregation of Solid Waste and its effective management on the campus. For the systematic collection and bifurcation of degradable and non-degradable waste, the college authority has divided the whole campus premises into 16 blocks, and each block is assigned to 2-3 Sipayis/group-D employees. And to motivate workers to achieve the desired goal of a clean and green campus, single-use plastic-free campus, the college initiated the best Sipayis/group-D Annual Award.

The waste bins are placed separately for degradable and non-degradable waste at every corner of the corridor, washrooms, and common rooms. The waste bins are also placed in laboratories, libraries, classrooms, etc. The non-degradable waste is handed over to municipal waste collection agencies for further disposal. The degradable waste is collected and dumped in the vermicomposting pit to improve the quality of the soil.

Liquid waste management:

The institute practices segregation of wastewater into the water from washrooms and water from laboratories. Liquid waste from the washrooms is channelized to the Municipal drain, and wastewater from laboratories is disposed of into a closed tank after neutralizing the chemicals.

Biomedical waste management:

The institute is not involved in any clinical experiments directly. Hence no biomedical waste is generated.

E-waste management:



Institute has an MoU with "Premier Comprint" to buy and sell recyclables to accelerate India's circular economy shift. This platform provides on demand-supply for e-waste to help us dispose of waste properly to protect the environment and recycle it to make valuable products.

Waste recycling system:

The artificial water ponds within the campus serve as a reservoir for rainwater harvesting, and they help prevent waterlogging inside the campus during summer. And in the ladies hostel, the wastewater from the RO water purifier has been recycled to wash Hands, clothes and clean the toilet.

Hazardous chemicals and radioactive waste management:

Dangerous Chemicals are kept separately in the storeroom, away from the reach of students. Lab In-charge takes care of the chemicals and safety norms in the laboratory. Students are made aware of the hazardous chemicals and safety aspects before utilizing the chemicals.

**Coordinator
IQAC**

BLDE Association's

Commerce BHS Arts & TGP Science College,

Jamkhandi, Ph 08353-223333.

PRINCIPAL

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science Co"

JAMKHANDI-587301.



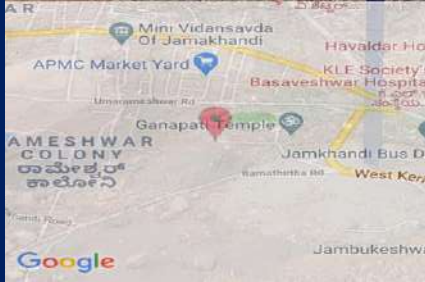
GREEN CAMPUS INITIATIVES

INDEX

Sl. No	CONTEXTS
1	Restricted Entry of Automobiles
2	Use of Bicycles
3	Pedestrian Friendly Pathways
4	Ban on Use of Plastic
5	Landscaping with Trees and Plants

RESTRICTED ENTRY OF AUTOMOBILES

NOTICE BOARD – VEHICLE FREE ZONE



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-04(Thu) 10:44

29°C
84°F

VEHICLES RESTRICTED ZONE - MAIN CAMPUS



Umarameshwar Rd, Karnataka 587301, India

Karnataka
India

2020-02-27(Thu) 07:09



25°C
77°F

VEHICLES RESTRICTED ZONE - MAIN CAMPUS



Stadium Complex, Umarameshwar Rd, Karnataka 587301, India

Karnataka
India

2020-02-27(Thu) 07:10



25°C
77°F

VEHICLES RESTRICTED ZONE - LIBRARY



Umarameshwar Rd, Karnataka 587301, India

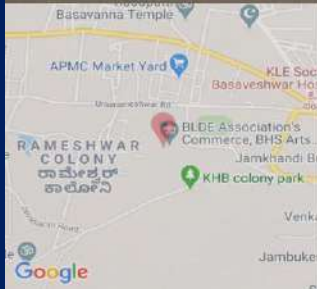
Karnataka
India

2020-02-27(Thu) 07:13



25°C
77°F

VEHICLES RESTRICTED ZONE – MAIN CAMPUS



Stadium Complex, Umarameshwar Rd, Karnataka 587301, India

Karnataka
India

2020-02-27(Thu) 07:10



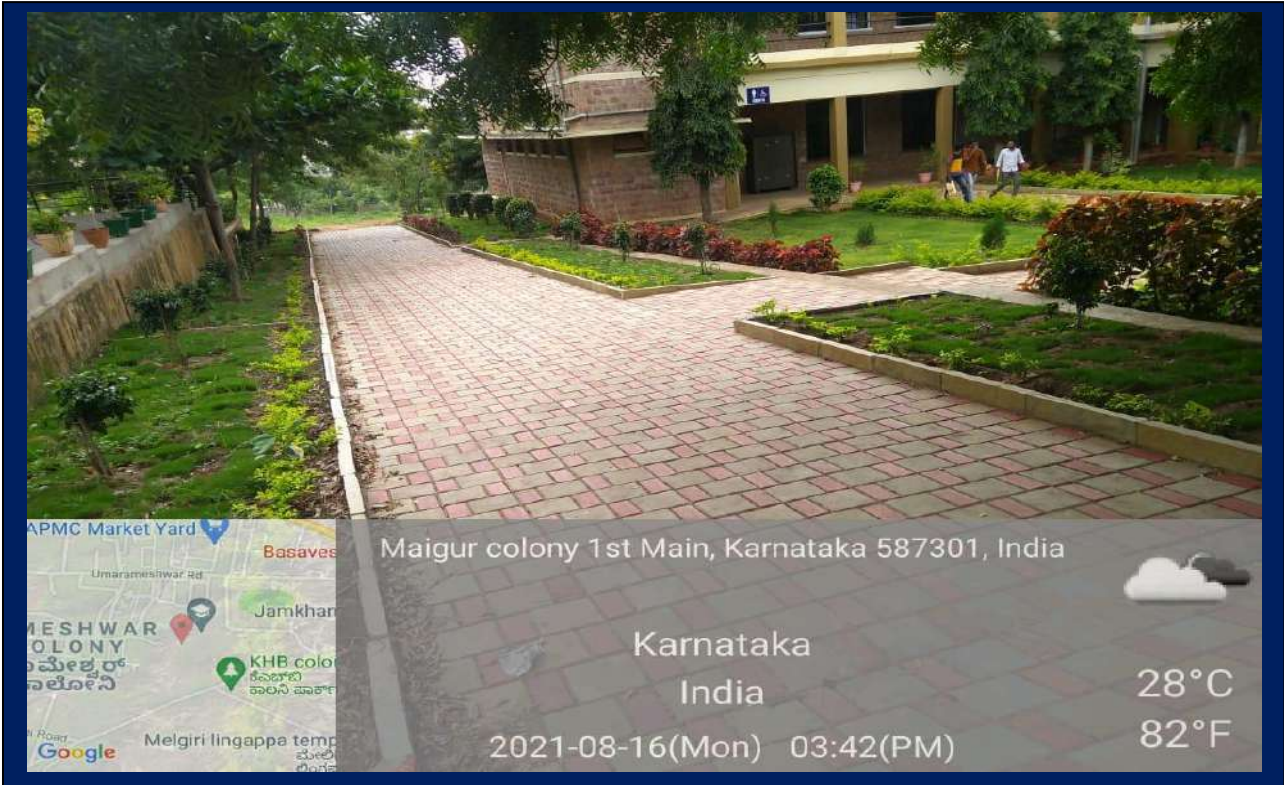
25°C
77°F

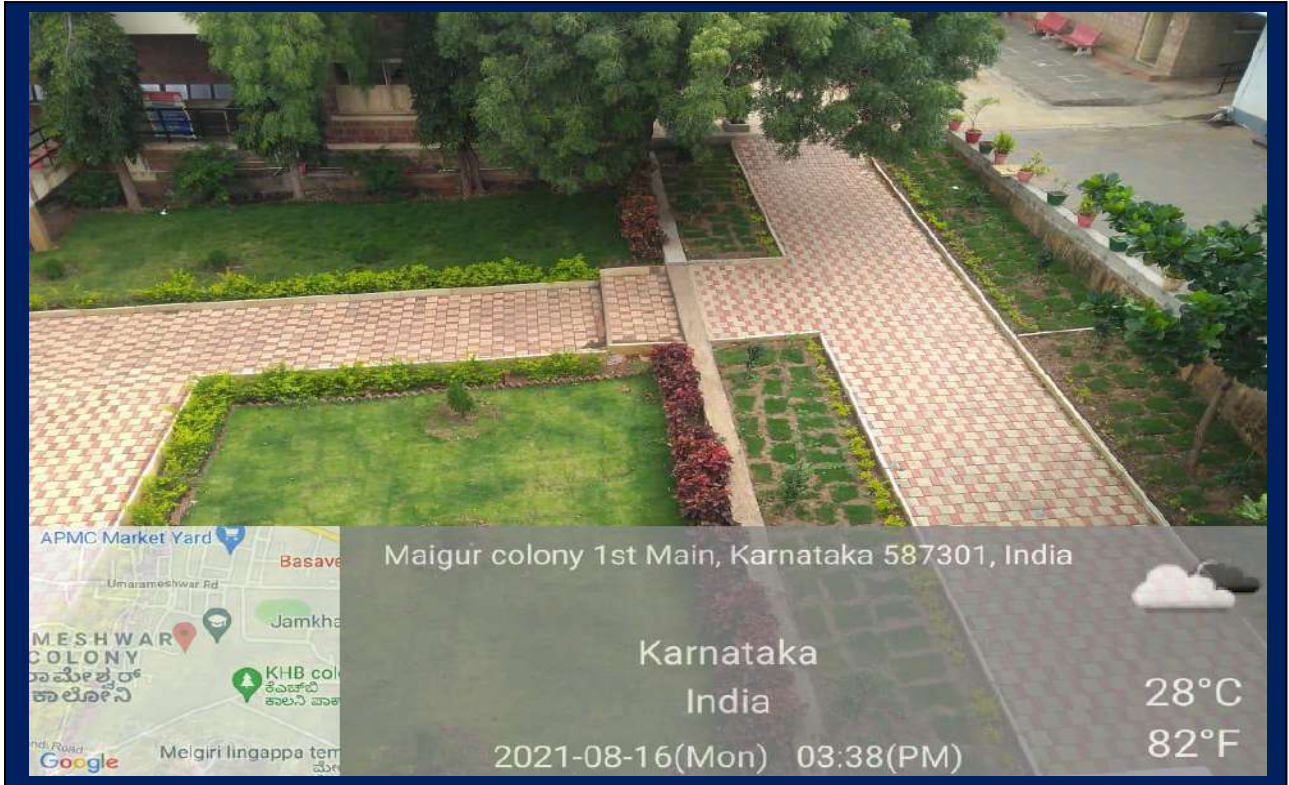
USE OF BICYCLES





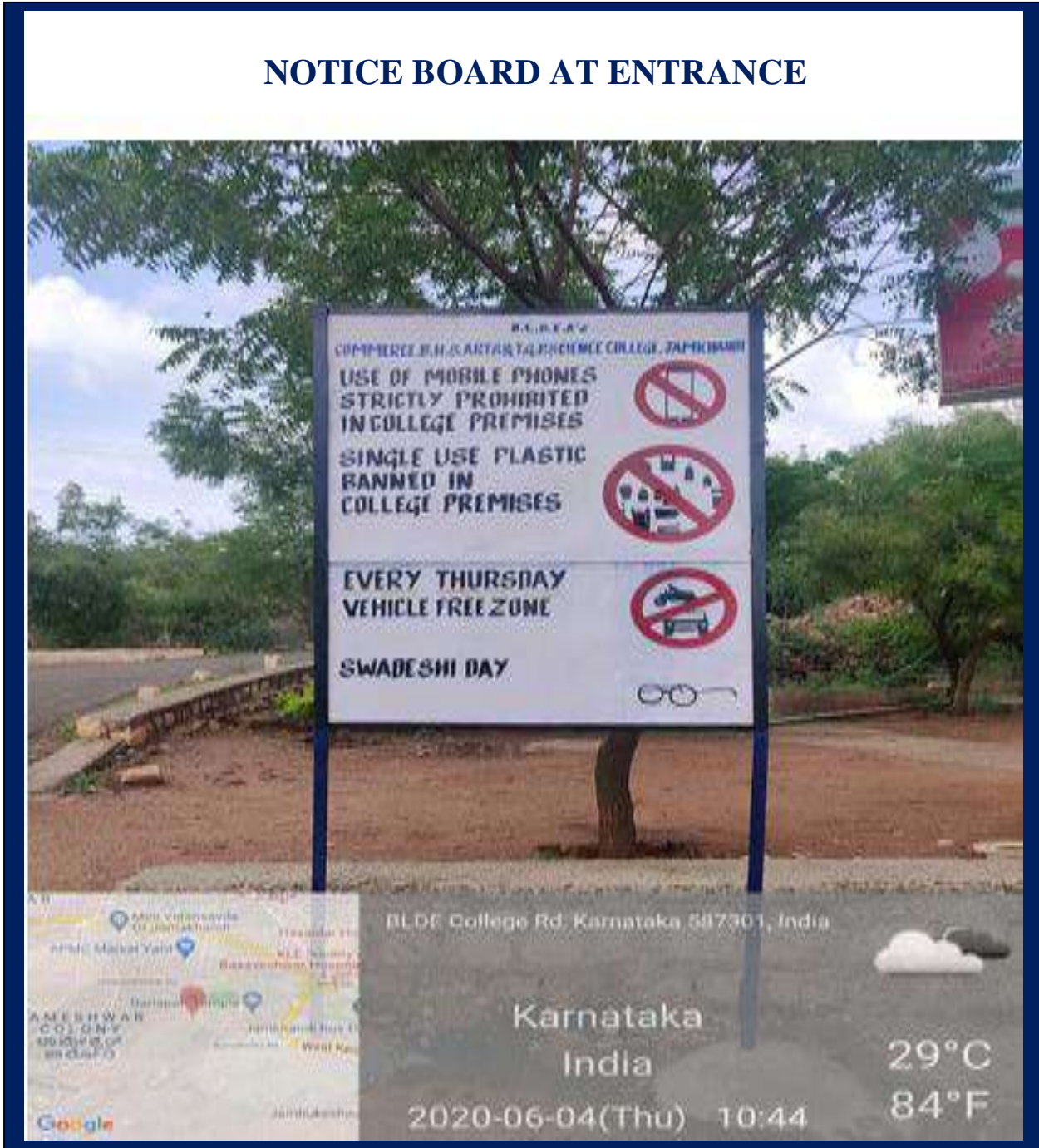
PEDESTRIAN FRIENDLY PATHWAYS





BAN ON USE OF PLASTIC

NOTICE BOARD AT ENTRANCE



STICKER AT ENTRANCE



STICKER AT PG BLOCK



PLASTIC RAID



Maigur Colony Narrow Rd, Karnataka 587301, India

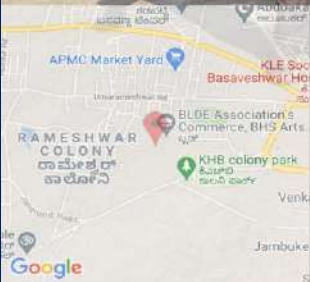
Karnataka
India

2020-11-24(Tue) 11:57



28°C
82°F

PLASTIC RAID & COLLECTION



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

2020-12-05(Sat) 10:35

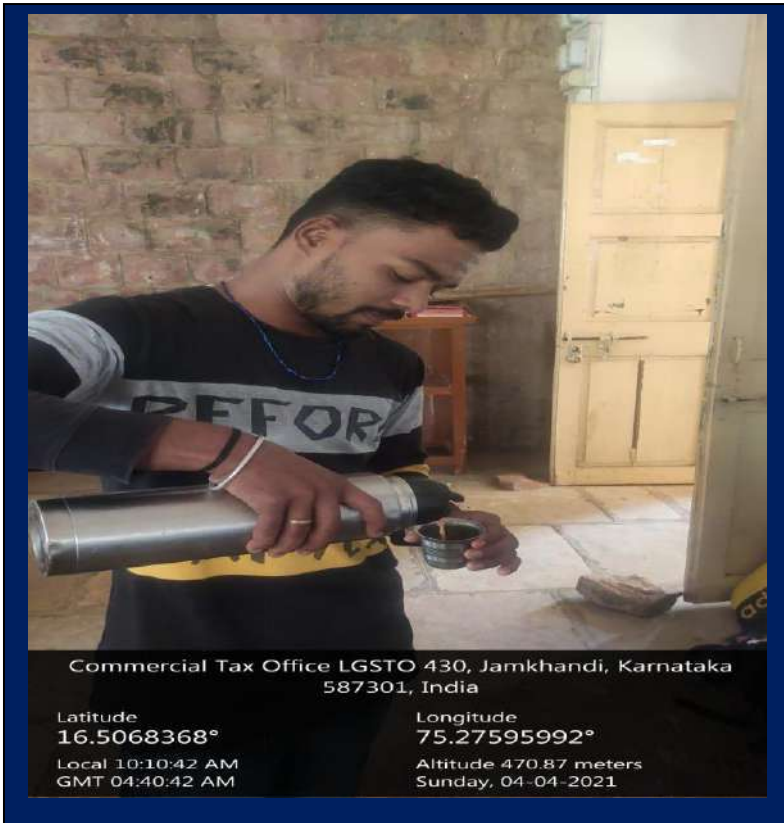


27°C
81°F



PLASTIC CHAIRS ARE BEING REPLACED BY WOODEN CHAIRS





USING STEEL CUPS INSTEAD OF PLASTIC CUPS



USING CLAY WATER POTS INSTEAD OF PLASTIC WATER CANS



Commercial Tax Office LGSTO 430, Jamkhandi, Karnataka
587301, India

Latitude
16.5072478°

Local 02:50:07 PM
GMT 09:20:07 AM

Longitude
75.2769109°

Altitude 485.6 meters
Monday, 03-01-2021

WORKSHOP ON PLASTIC BAN



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

2020-10-19(Mon) 05:10(PM)



27°C
81°F

WORKSHOP ON PLASTIC BAN



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

2020-11-18(Wed) 04:28(PM)



30°C
86°F

LANDSCAPING WITH TREES AND PLANTS

MAIN CAMPUS



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-11-28(Sat) 17:15

22°C
72°F

INSIDE CAMPUS



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

2021-08-16(Mon) 03:42(PM)

28°C
82°F

MAIN CAMPUS



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-11-29(Sun) 11:53



25°C
77°F

INSIDE CAMPUS



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

2021-08-16(Mon) 03:38(PM)



28°C
82°F

AT SWIMMING POOL



BLDE College Rd, Karnataka 587301, India

Karnataka

India

2021-08-16(Mon) 04:30(PM)

28°C

82°F

AT SWIMMING POOL



BLDE College Rd, Karnataka 587301, India

Karnataka

India

2021-08-16(Mon) 04:34(PM)

28°C

82°F

AT BOYS HOSTEL



Jamkhandi Road, Karnataka 587301, India

Karnataka
India

2021-08-17(Tue) 10:36(AM)



23°C

73°F

AT BOYS HOSTEL



Jamkhandi Road, Karnataka 587301, India

Karnataka
India

2021-08-17(Tue) 10:32(AM)



23°C

73°F

OTHER GREEN CAMPUS INITIATIVES

POTS AROUND THE CAMPUS



Umarameshwar Rd, Karnataka 587301, India

Karnataka

India

2020-05-11(Mon) 10:36



36°C

97°F

POTS AROUND THE CAMPUS



Maigur colony 1st Main, Karnataka 587301, India

Karnataka

India

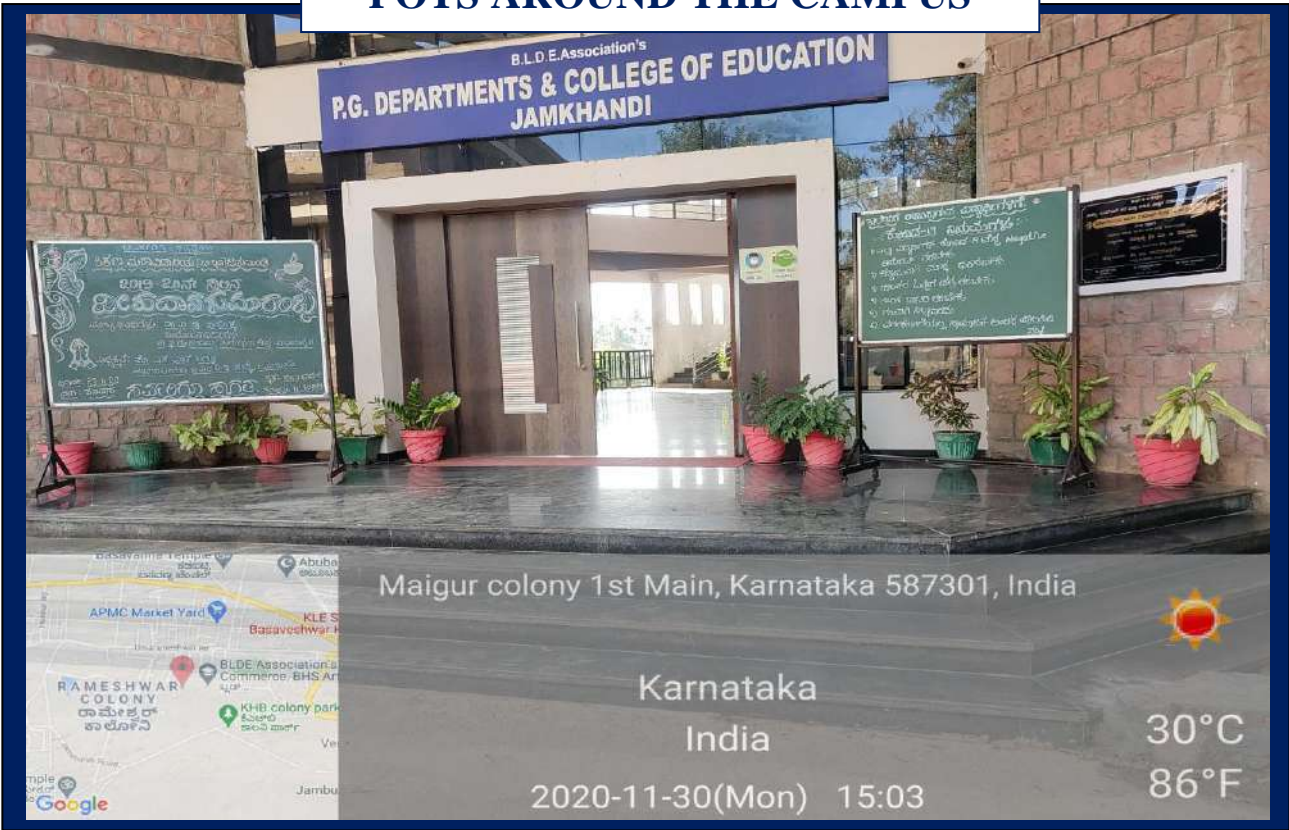
2020-11-30(Mon) 14:12



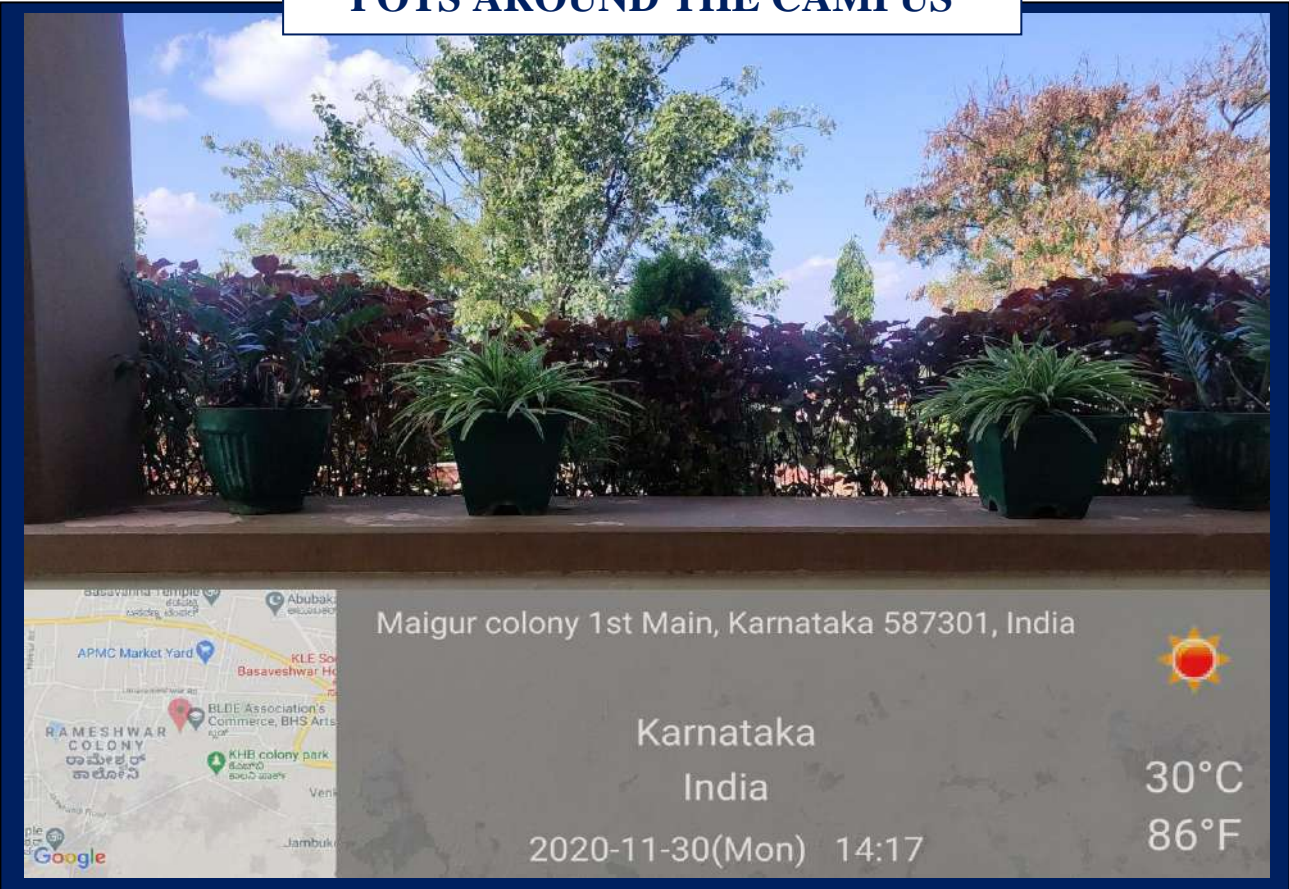
30°C

86°F

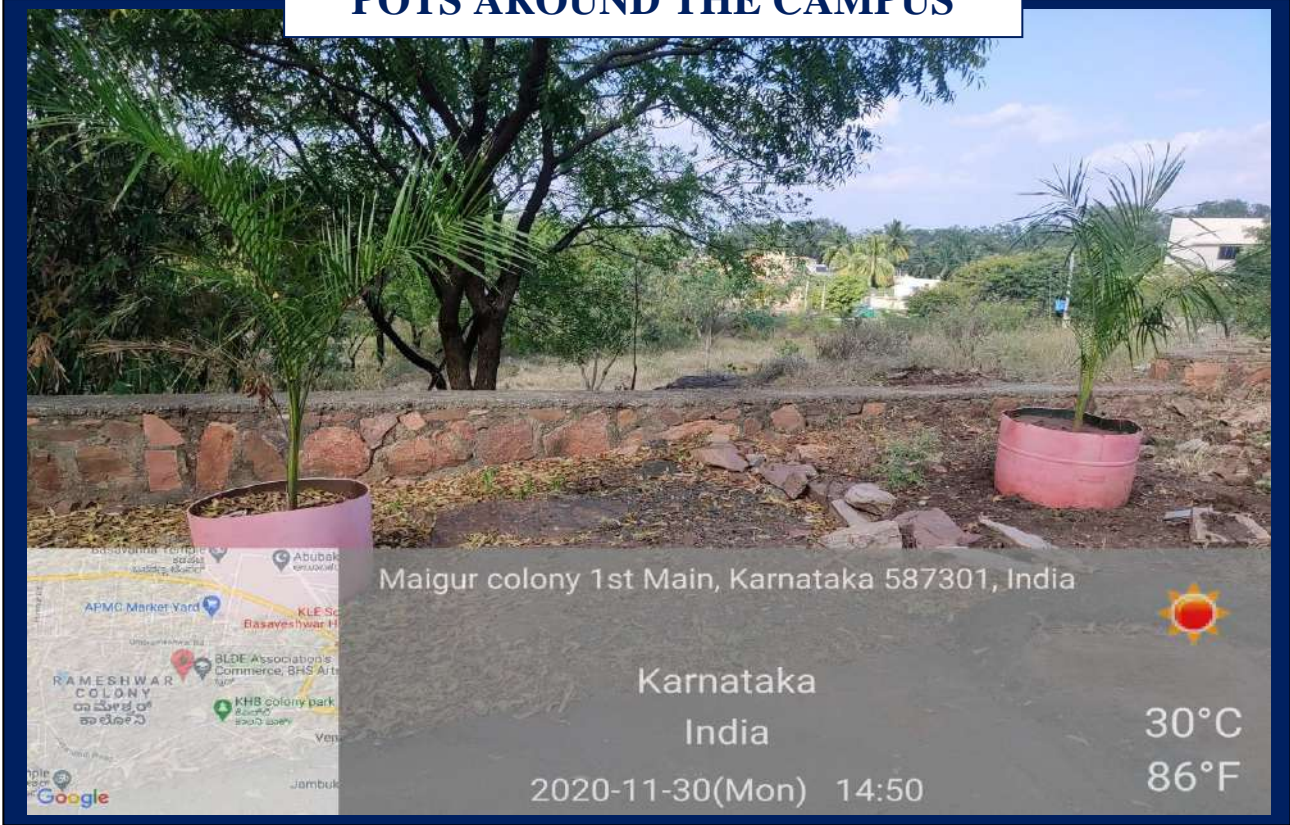
POTS AROUND THE CAMPUS



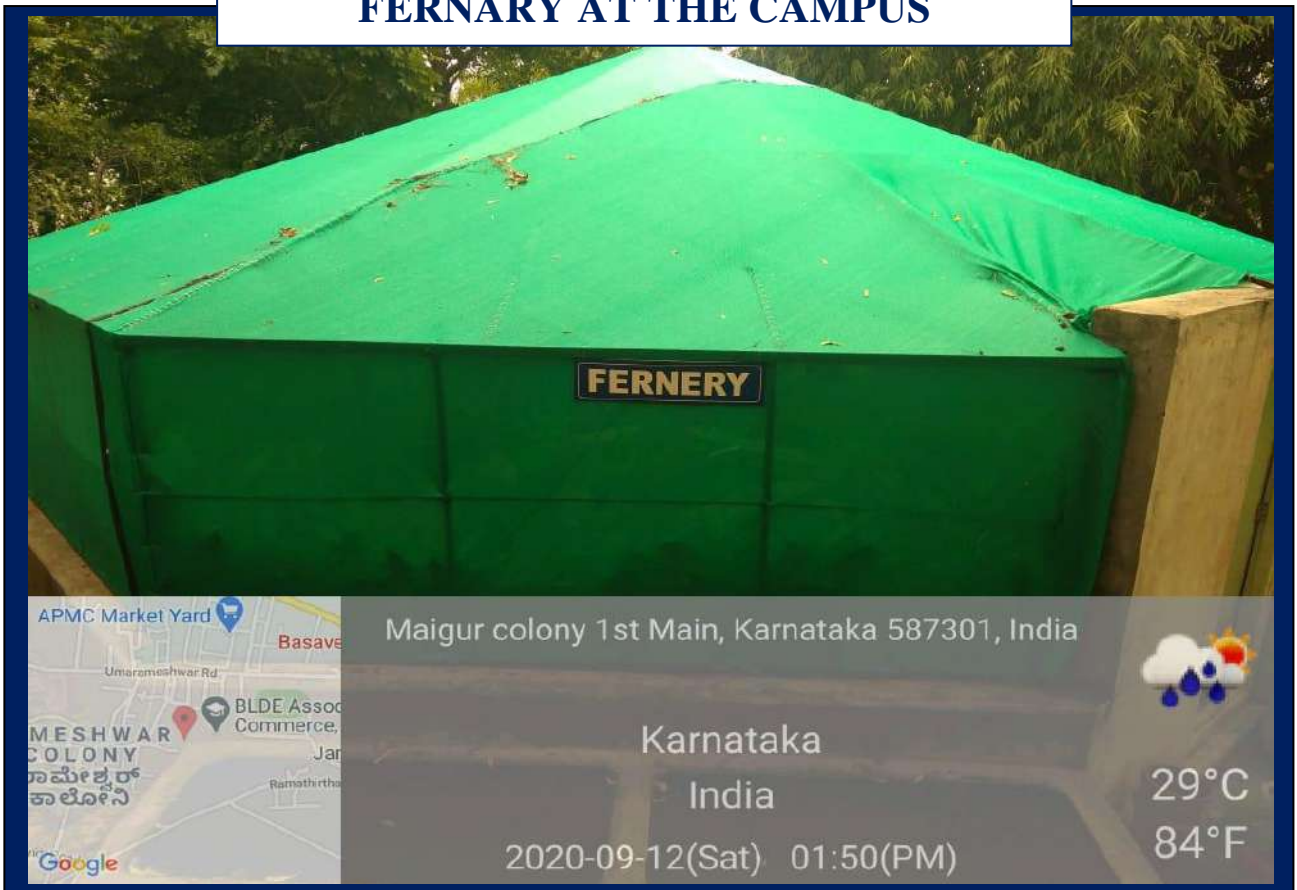
POTS AROUND THE CAMPUS



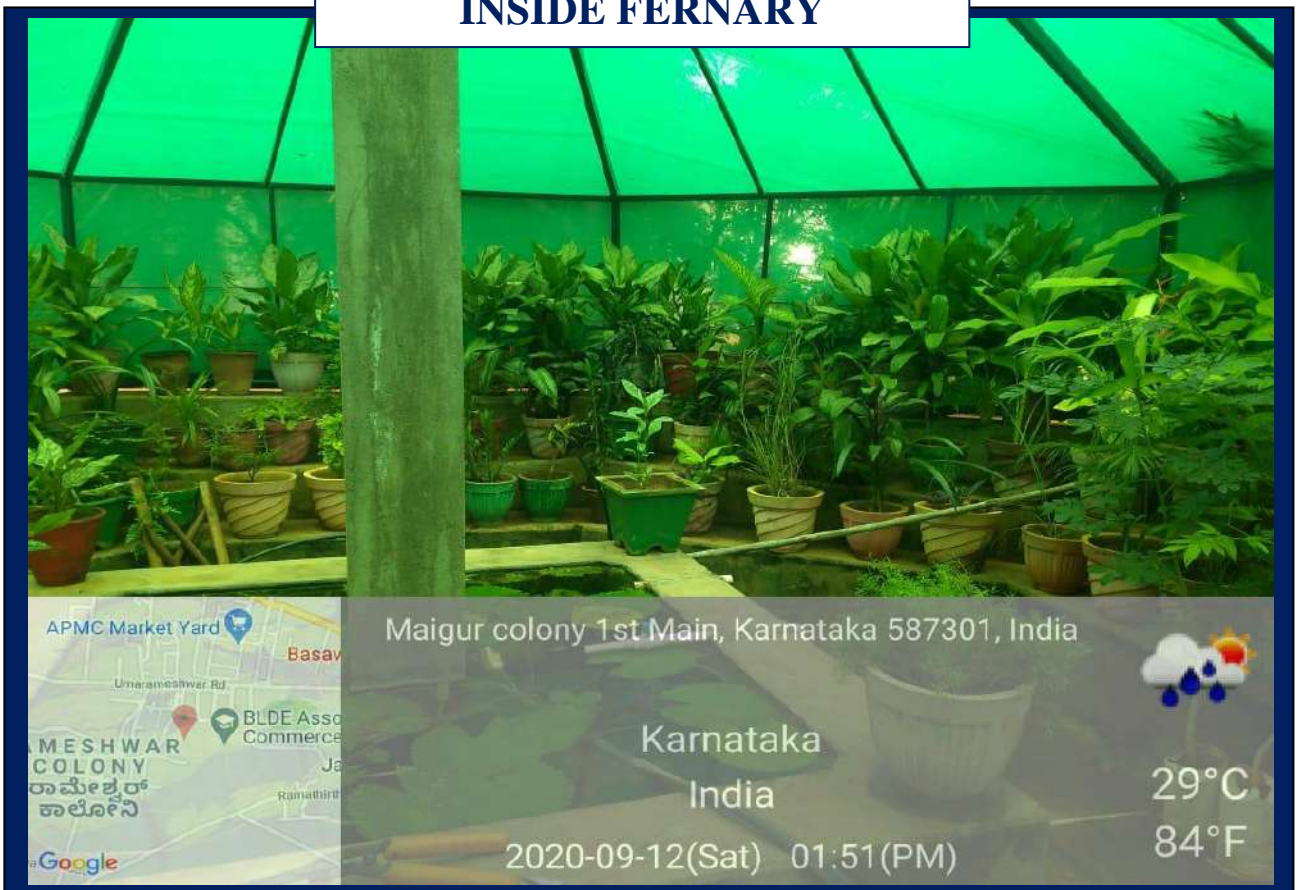
POTS AROUND THE CAMPUS



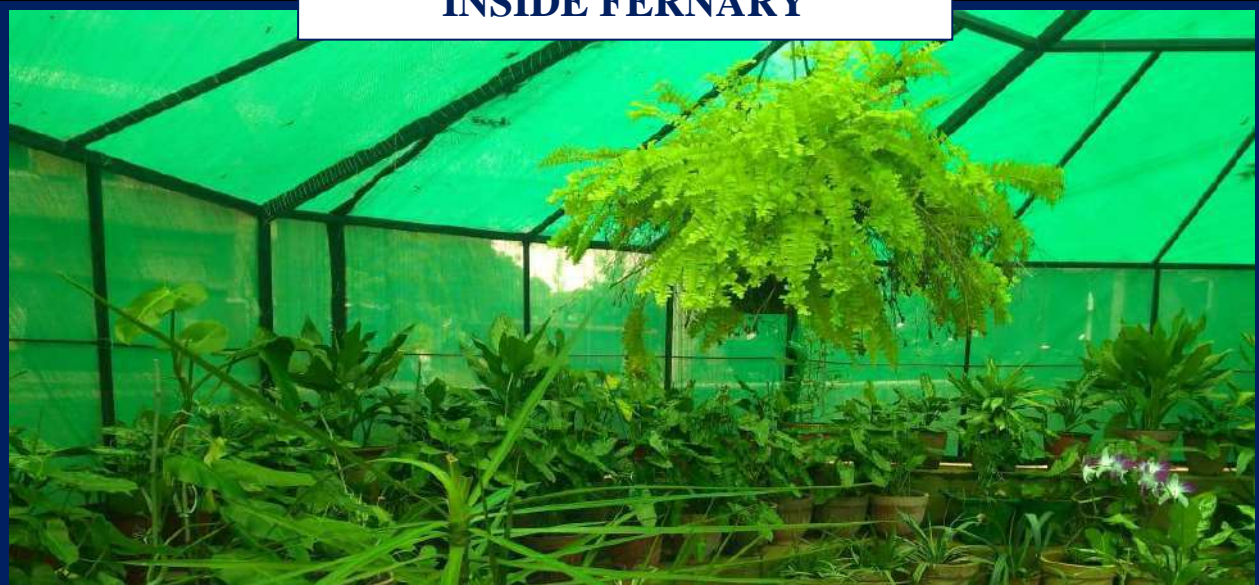
FERNARY AT THE CAMPUS



INSIDE FERNARY



INSIDE FERNARY



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

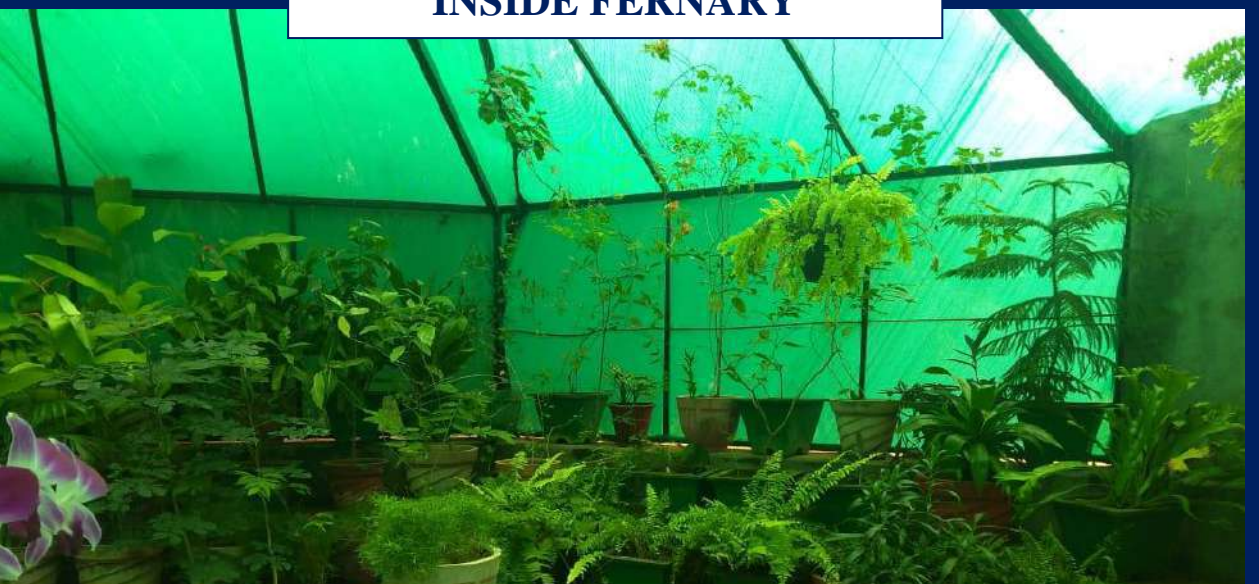
2020-09-12(Sat) 01:51(PM)



29°C

84°F

INSIDE FERNARY



Maigur colony 1st Main, Karnataka 587301, India

Karnataka
India

2020-09-12(Sat) 01:52(PM)



29°C

84°F

BIODIVERSITY AND CONSERVATION OF FLORA IN COLLEGE CAMPUS



S.No	Scientific name	Common name	Family	Kannada name
1	<i>Abutilon indicum</i> (L.)SW	Indian abutilon	Malvaceae	Turibi gida
2	<i>Acacia arabica</i> (Lam.)willd	Babul	Fabaceae- S.F.Mimoideae	Karjali
3	<i>Acacia melanoxylon</i> ,R.Br.	Austrelian acacia.	Fabaceae- S.F.Mimoideae.	
4	<i>Acacia nilotica</i> ,(L.)Delile	Gum arabic tree	Fabaceae. S.F.Mimoideae.	Karjali
5	<i>Acalypha indica</i> L	Indian acalypha	Euphorbiaceae	Kuppe gida
6	<i>Achras sapota</i> , (L)P.Royen	Sapota	Sapotaceae	Chikku
7	<i>Achyranthus aspera</i> L.	Chaff flower	Amarantaceae	Uttarani
8	<i>Adenonia digitata</i> L	Marahunase	Bombacaceae	Magi mavu, aane hunase
9	<i>Adathoda vasica</i> , (L) Nees	Malabar nut(Adusoge	Acanthaceae	Adasola
10	<i>Aegle marmelos</i> (L) correa	Bael. Bilva patri	Rutaceae	Bilva patri, kattale
11	<i>Agava americana</i> L.	Century plant	Asparagaceae	Debale
12	<i>Albizia lebbeck</i> (L,) Benth	Siris tree	Leguminosae S.fam-Mimoideae	Bage, hombage
13	<i>Allamanda cathartica</i> ,L	Golden trumpet	Apocynaceae	Alamond, halad hoo
14	<i>Allium cepa</i> , L.	Onion	Liliaceae	Irulli
15	<i>Allium sativum</i> , L.	Garlic	Liliaceae	Ballolli
16	<i>Aloe vera</i> (L.)Burm.f.	Aloe (Lole sara)	Xanthorrhoeaceae	Lolesara
17	<i>Alpinia officinarum</i> (L)	Chineseginger, Galangal	Zingiberaceae	
18	<i>Alstonia scholaris</i> , (L.)R.Br.	Devils tree	Apocynaceae	Maddale, Saptaparna
19	<i>Annona cherimola</i> . Mill	Chirimuya. Hanumanphal	Annonaceae	Hanuman phala
20	<i>Annona squamosa</i> L	Custard apple	Annonaceae	Sitaphal

		(Sitaphal		
21	<i>Araucaria columnaris</i>	Christmas tree	Araucariaceae	
22	<i>Argemone mexicana</i> L.	Maxican prickly poppy	Papavaraceae	Datturi
23	<i>Aristolochia species</i>		Aristolocaceae	
24	<i>Artabotrys odoratissimus</i> R,BROWN	Climbing lang-lang, Manoranjani huballi	Annonaceae	Manoranjan hoo balli
25	<i>Artocarpus integrifolia</i> ,L.f.	Jack fruit	Moraceae	Halasu
26	<i>Aspergus officinalis</i> , Linn	Aspergus	Aspergaceae	Javibenna
27	<i>Aspergus racemosus</i> , Willd.	Satavari	Aspergaceae	Shatawari
28	<i>Austrelian acacia</i>		Fabaceae S.Fam.Caesalpinoid eae.	
29	<i>Azadirachta indica</i> A.Juss	Neem, Margosa	Meliaceae	Bevu
30	<i>Azolla sps</i>			
31	<i>Bacopa monnieri</i> ,(L.)Penell.	Water hyssap	Scrophularaceae	Neeru brahmi
32	<i>Bambusa arundinacea</i> (Retz) Willd	Bamboo	Gramineae(poaceae)	Hebbidiru
33	<i>Barleria prionitis</i> L	Porcupine. Jaji	Acanthaceae	Millumadarangi
34	<i>Basella rubra</i> ,L.	Malabar night shade.	Chenopodiaceae	Basale, kempu bayi
35	<i>Bauhinia variegata</i> (L.) Benth	Camel's foot tree	Fabaceae S.f- Caesalpinoideae	Ulive, bilimandar
36	<i>Bignonia unguiscati</i> (L.)Miers	Cat's claw creeper	Bignoniaceae	Bekkina uguru
37	<i>Bixa orellana</i> (L) (Shrub)	Annatto, Lipstick tree	Bixaceae	
38	<i>Boerhavia diffusa</i> L	Spreading Hog weed	Nyctaginaceae	Balavadike
39	<i>Bougainvillea spectabilis</i> Willd.	Paper flower,Bougainvillea	Nyctaginaceae	Kagadada hoovu
41	<i>Brassica campestris</i> ,L.	Mustard	Brassicaceae	
42	<i>Butea frondosa</i> , Roxb	Flame of the forest(Muttuga)	Fabaceae.	

			S.F .Caesalpinoideae	
43	<i>Caesalpinia bonduc</i> ,(L.)Roxb	Grey nicker.	Fabaceae . S.F. Caesalpinoideae	
44	<i>Caesalpinia pulcherrima</i> Linn	Peacock flower	Fabaceae S.fam- Caesalpinoideae	
45	<i>Caesalpinia sappan</i> , L.	Sapponwood	Fabaceae . S.F. Caesalpinoideae	
46	<i>Callistemon lanceolatus</i> (Sm.)DC	Bottle brush	Myrtaceae	
47	<i>Calotropis gigantea</i> , R Br	Madar, (Ekki gida)	Asclepiadaceae	
48	<i>Calotropis procera</i> . (L) R. Br. Ex AIT	Swallow wort	Asclepiadaceae	
49	<i>Capparis spinosa</i> L.	Caperbush	Capparidaceae	
50	<i>Carica papaya</i> ,L.	papaya	Passifloraceae	
51	<i>Cassia auriculata</i> (L.) Roxb.	Cassia	Fabaceae. S.F.Caesalpinoideae	
52	<i>Cassia fistula</i> L.	Cassia Kakke mara	Fabaceae. S.F.Caesalpinoideae	
53	<i>Costus igneus</i> , Nak.	Insulin plant	Costaceae	Iasulin gida Kempu Honne
54	<i>Catheranthus roseus</i> , G. Bom.	Periwinkle (Sadabahar)	Apocynaceae	Sadabahar
55	<i>Centella asiatica</i> L	Indian pennywort		
56	<i>Chloroxylon swietenia</i> ,DC,	Satin wood	Meliaceae	
57	<i>Chrysanthemum indicum</i> L	Chrysanthamum	Asteraceae	
58	<i>Chrysopogon zizanioides</i> (L) Roberty	Vetiver / Khas	Graminae	
59	<i>Cissus quadrangulararis</i> L	Vitis , devilsback bone	Vitaceae	
60				
61	<i>Clerodendrum inerme</i> , (L) Gaertn.	Visham dhari.	Verbinaceae.	
62	<i>Cocos nucifera</i> ,L.	Coconut.	Palmae	

63	<i>Coccinia indica</i> (L.)Voigt	Ivy guard	Cucurbitaceae	
64				
65	<i>Coleus amboinicus</i> , LOUR	Indian borage	Labiatae	
66	<i>Coriandrum sativum</i> L.	Coriander	Umbelliferae	
67	<i>Cycas beddomie</i>	Cycas	Cycadaceae	
68	<i>Cymbopogon citratus</i> (L)	Lemon grass, oil grass	Poaceae	
69	<i>Daemia extensa</i> , R. Br.	Trellis vine	Asclepiadaceae	
70	<i>Dahlia variabilis</i> ,(willd)	Dahlia	Compositae	
71	<i>Dahlia</i> sps	Dahlia	Compositae.	
72	<i>Datura inoxia</i> L	Thorn apple (Madagunaki)	Solanaceae	
73				
74	<i>Datura stramonium</i> L	Jimson weed	Solanaceae	
75	<i>Delonix regia</i> (Boj.exHook)Raf.	Gul mohar	Fabaceae S.f- Caesalpinoideae	
76	<i>Dracaena</i> sps		Aspergaceae	
77	<i>Duranta plumeria</i> ,Jacq	Golden dew drop,hedge plant.	Verbinaceae	
78	<i>Eichornia crassipes</i> , (Mart)Solms	Water hyacinth	Pontederaceae	
79	<i>Emblica officinalis</i> Gaertn	Amla,Indian gooseberry.	Phyllanthaceae (Euphorbiaceae)	
80	<i>Enterolobium saman</i> , Benth	Rain tree	Fabaceae S.fam-Mimoideae	
81	<i>Epiphyllum oxypetalum</i> , (DC)Haworth	Queen of the night,shy plant.	Cactaceae	
82	<i>Erythrina indica</i> ,Lam.milii.	Indian coral tree	Fabaceae, S.F. Papilionoideae.	
83	<i>Eucalyptus lanceolatus</i> , L.Hir.	Eucalyptus(Nilagiri)	Myrtaceae	
84	<i>Eugenia jambolana</i> ,Lam.	Jaman,Black plum	Myrtaceae	
85	<i>Euphorbia antiquorum</i> L.	Triangular milk wort	Euphorbeaceae	

86	<i>Euphorbia geniculata</i> L	Fire plant	Euphorbiaceae	
87	<i>Euphorbia hirta</i> L.	Semierect Euphorbia	Euphorbiaceae	
88	<i>Euphorbia splendens</i> , (Bojar)	Crown of thorns	Euphorbiaceae.	
89	<i>Euphorbia tirucalli</i> ,L.	Cactus(pencil)	Euphorbiaceae	
90	<i>Ficus benghalensis</i> , L.	Banyan tree(Indian)	Moraceae (Urtiaceae)	
91	<i>Ficus glomerata</i> , Roxb	Cluster fig tree.	Moraceae (Urtiaceae)	
92	<i>Ficus religiosa</i> , L.	Peepal ,Sacred fig	Moraceae (Urtiaceae)	
93	<i>Hamelia patens</i> Jacq	Scarlet bush	Rubiaceae	
94	<i>Hibiscus rosasinensis</i> , Linn	China rose	Malvaceae	
95	<i>Hiptage madablota</i> , Gaertn,	Madhavilata, Hiptage.	Malphigiaceae	
96	<i>Holarrhena antidysenterica</i> , Wall.	Khutaj	Apocynaceae	
97	<i>Holmskioldia sanguine</i> , Retz.	Cup & saucer plant, Chinese Hat plant	Verbenaceae	
98	<i>Hydrilla verticillata</i> , (L)Royle.	Hydrilla	Hydrocharitaceae	
99	<i>Ixora alba</i> , L.	Ixora	Rubiaceae	
100	<i>Ixora coccinea</i> ,L.	Ixora ,Jngle flame.	Rubiaceae	
101	<i>Jacaranda mimosifolia</i> , D. Don.	Blue jacaranda	Bignoniaceae	
102	<i>Jasminum sambac</i> L	Jasmine	Oleaceae	
103	<i>Jatropha multifida</i> L	Physic nut. Vishabhadra	Euphorbiaceae	
104	<i>Lantana camara</i> L	Lantana	Verbinaceae	
105	<i>Lawsonia inermis</i> , L.	Henna	Lythraceae	
106	<i>Lepidium sativum</i> , .L.	Garden cess	Cruciferae	Alvi
107	<i>Leucas aspera</i> , Spreng	Leucas	Verbinaceae	
108	<i>Mangifera indica</i> , L.	Mango	Anacardiaceae	

109	<i>Melia azedarach</i> , L.	Chennaberry	Meliaceae	
110	<i>Michelia champaca</i> ,L.	Champaka	Magnoliaceae	
111	<i>Millingtonia hortensis</i> , L.f.	Indian cork tree	Bignoniaceae	
112				
113	<i>Mimosa pudica</i> , L.	Touch me not, Shy plant	Fabaceae S.fam-Mimoideae	
114	<i>Mirabilis jalapa</i> Linn	Four O'clock plant	Nyctaginaceae	
115	<i>Morus alba</i> , L,	Mulberry (white)	Moraceae	
116	<i>Moringa oleifera</i> , Lam.	Drumstick	Moringaceae	
117	<i>Morus nigra</i> , Linn	Black berry (Hippunerale)	Moraceae	
118	<i>Murraya koenigii</i> , (L) Sprengel	Curry leaves	Rutaceae	
119	<i>Nerium indicum</i> , Mill	Oleander	Apocynaceae	
120	<i>Nerium oleander</i> , L.	Nerium (Oleander)	Apocunaceae	
121	<i>Nyctanthes arbortristis</i> , L.	Night flowering Jasmine	Oleaceae	
122	<i>Nymphaea caerulea</i> , Sav.	Blue lotus	Nymphaeaceae	
123	<i>Nymphaea lotus</i> , L.	Water lily	Nymphyaceae	
124	<i>Ocimum basilicum</i> , L.	Sweet basil,	Labiatae	Kamakasturi, Sritulasi 
125	<i>Ocimum sanctum</i> ,L.	Tulsi (Holy)	Labiatae	Karitulasi, Krishna tulasi
126	<i>Oleus aromaticus</i> Benth	Karpoorvalli (Dodda patre)	Lamiaceae	
127	<i>Opuntia dillenii</i> , Haw	Pricky pear (papas kalli)	Cactaceae	
128	<i>Opuntia ficus indica</i> , (L.) Mill.	Prickly pear,(opuntia)	Cactaceae	
129	<i>Oxalis acetosella</i> ,L.	Wood sorrel	Oxalidaceae.	
130	<i>Oxalis carniculata</i> , L.	Sleeping beauty.	Oxalidaceae	
131	<i>Pancratium longiflorum</i> ,	Spider lily	Amarryllidaceae	

132	<i>Pandanus amaryllifolius</i> L.	Pandan	Pandanaceae	Kedige
133	<i>Passiflora caerulea</i> , L.	Blue passion flower	Passifloraceae	
134	<i>Passiflora indica</i> ,L.	Passion flower.	Capparidaceae	
135	<i>Peltophorum pterocarpum</i> , (DC.)K.Heyne.	Copper pod	Fabaceae. S.F. Caesalpinoideae	
136				
137	<i>Petrea volubilis</i> L	Queen's wreath, purple flower	Verbenaceae	
138	<i>Phoenix dactylifera</i> ,L.	Date palm	Arecaceae	
139	<i>Phoenix sylvestris</i> ,(L.)Roxb.	Toddy palm	Arecaceae	
140	<i>Phyla nodiflora</i> , (L), <i>Lippia nodiflora</i> (Mitch)	Frog fruit	Verbenaceae	
141	<i>Phyllanthus emblica</i> ,L	Indian gooseberry(Margosa)	Euphorbiaceae, (Phyllanthaceae)	
142	<i>Phyllanthus fraternus</i> Web	Phyllanthus (Kiranelli)	Phyllanthaceae	
143	<i>Phyllanthus niruri</i> ,L.	Stone breaker	Phyllanthaceae	
144	<i>Pilea microphylla</i> , (L.)Liebm	Rockweed	Urticaceae	
145	<i>Piper longum</i> , (L)	Pepper (Pippali)	Piperaceae	
146	<i>Pistia stratiotes</i> ,L.	Pistia, Water lettuce	Araceae	
147	<i>Pithecellobium dulce</i> , (Roxb)Benth.	Manila	Fabaceae – S.Fam. Mimosoideae	
148	<i>Peltophorum pterocarpum</i>	Yellow pod tree, Copper pod tree	Fabaceae. S.F. Caesalpinoideae	
149	<i>Plumbago zeylancia</i> , L.	Lead wort	Plumgaginaceae	Karikaddi
150	<i>Plumeria rubra</i> L.	Red jasmine	Apocunaceae	
151	<i>Poinsettia pulcherrima</i> , (<i>Euphorbia pulcherrima</i>), Wild.ex.Klotzsch	Poinsettia, Christmas tree	Euphorbiaceae	
152	<i>Polyalthia longifolia</i> , Sonn	Ashok tree (False)	Annonaceae	
153	<i>Pongamia pinnata</i> Pierre	Indian beech (Honge)	Fabaceae S.f- Caesalpinoideae	
154	<i>Pothas scandens</i> , Linden&Andre.	Money plant.	Aracaceae	

155	<i>Prosopis cineraria</i> , (L.) Druce	Banni gida, Shami	Fabaceae. S.F. Caesalpinoideae	
156	<i>Psidium guajava</i> ,L.	Guava	Myrtaceae	
157	<i>Quisqualis indica</i> , Linn	Rangoon creeper(Rangoon kempumalle)	Combretaceae	
158	<i>Ricinus communis</i> , Linn	Castor	Euphorbiaceae	
159	<i>Rauwolfia serpentina</i> , (L.) BENTH EX. KURZ.	Serpentina root, Snake root, Sarpagandha	Apocynaceae	Sarpagandha
160	<i>Rosa indica</i> ,L.	Rose.	Rosaceae	
161	<i>Rosmarinus officinalis</i> , L.	Rosemary.	Lamiaceae	
162	<i>Ruta chalepensis</i> . Linn.	Fringed Rue, Rue garden	Rutaceae	Nagadale, Sudabugida
163	<i>Salvinia molesta</i> , Mitchel	Salvinea, kariba weed	Salvinaceae	
164	<i>Santalum album</i> , Linn	Sandel (Gandhad mara)	Santalaceae	
165	<i>Sapindus laurifolius</i> , Vahl	Soapnut tree	Sapindaceae	
166	<i>Sensevieria zeylanica</i> , willd	Bowstring hump	Asparagaceae	
167	<i>Sesbania grandiflora</i> L	Humming bird tree	Fabaceae. S.F.	
168	<i>Sida cordifolia</i> L	Heart leaf sida	Malvaceae	
169	<i>Solanum xanthocarpum</i> , Linn.	Yellow berried night shade	Solanaceae	
170	<i>Spirodela polyrhiza</i> , (L.)Schleid	Spirodela, Duck weed.	Lemnaceae	
171	<i>Stevia species</i>	Madhu pavani	Lamiaceae	
172	<i>Tabebuia spectabilis</i> , Planch & Linden	Trumpet tree	Bignoniaceae	
173	<i>Tabernaemontana divericatia</i> R.Br	Crape jasmine, Moonbeam	Apocynaceae	
174	<i>Tabebuia sps</i>	Indian box wood	Bignoniaceae	
175	<i>Tamarindus indica</i> ,L.	Tamarind (Hunase)Tree.	Fabaceae S.f- Caesalpinoideae	

176	<i>Tectona grandis</i> Linn.	Teak	Verbinaceae	
177	<i>Teprosia purpurea</i> (L)	Wild indigo	Fabaceae. S.F.Papilionoideae.	
178	<i>Terminalia bellarica</i> , Roxb.	Bellarika	Combortaceae	
179	<i>Terminalia catappa</i> , Linn.	Tropical almond	Combortaceae	
180	<i>Terminilia arjuna</i> , Roxb	Arjuna	Combortaceae	
181	<i>Thespesia populnea</i> , (L) Sol.Correa	Portia tree (Bangali gida)	Malvaceae	
182	<i>Thevetia neriifolia</i> , Juss	Yellow oleander	Apocynaceae	
183	<i>Tinospora cardifolia</i> , (L.) Willd.	Heartleaf, Guduchi	Menispermaceae	Amrutaballi
184	<i>Tradescantia virginiana</i> ,L.	Tradascantia	Commelinaceae	
185	<i>Tribulus terrestris</i> ,Linn.	Cats head,Devils weed	Malvaceae	
186	<i>Tridax procumbens</i> , Linn	Tridax (Mexican Daisy)	Compositae	
187	<i>Tuja sps</i>	Tuja.	Coniferaceae	
188	<i>Vallaris solanacea</i> (Roth) Kuntz	Ramsar	Apocynaceae	
189	<i>Vanda sps</i>	Orchid	Orchidaceae	
190	<i>Vitex negundo</i> ,L.	Indrani.	verbinaceae	
191	<i>Vitis quadrngularis</i> ,L (<i>Cissus quadrngularis</i>)	Devils backbone.	Vitaceae	
192	<i>Withania somnifera</i> , (L.)DUNA	Wintercherry	Solanaceae	Ashwagandha, Hiremaddu
193	<i>Zea maize</i> ,L.	Maize	Graminae	
194	<i>Ziziphus jujuba</i> , Mill.	Indian plum	Rhamnaceae	



**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE
COLLEGE, JAMKHANDI - 587 301.**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

Phone/Fax: 08353-220183 email: bldeajkd@yahoo.in

Website: www.bldeajkd.ac.in

**WASTE TO WEALTH
POLICY DOCUMENT**

WASTE TO WEALTH



To follow the circular of Govt. of India; Govt. of Karnataka and UGC, the college administration has decided to propose a policy to keep the campus clean, free from single-use plastic, to reduce waste production, lessen environmental impact and encourage rational consumption in the college campus. The college administration & IQAC has drafted a policy document the details of it are given below.

The successful implementation of any task demands teamwork and the college always believes in teamwork to implement the mammoth task, to keep campus clean, free from single-use plastic, reduce waste production, lessen environmental impact and encourage rational consumption in the college campus decided to compose a committee called waste to wealth.

WASTE TO WEALTH COMMITTEE

Sl. No	Name	Designation	Position
1	Prof. B.I. Karalatti	Principal	Chairman
2	Prof. M.C. Karabari	Vice-Principal	Vice-Chairman
3	Prof. R.C. Shet	Vice-Principal	Vice-Chairman
4	Prof. Mallikarjun B.	NSS Coordinator	Member
5	Dr. D.S. Nittur	NSS Coordinator	Member
6	Prof. G.V. Joshi	Scouts & Guides Coordinator	Member
7	Prof. Roshani Vernekar	Scouts & Guides Coordinator	Member
8	Prof. B.S. Desai	Head Dept. of Sociology	Member
9	Prof. S.B. Kamati	IQAC Coordinator	Member
10	Prof. Anand Uppar	Lecturer, Dept. of Economics	Member



FOLLOWING SINGLE-USE PLASTICS COMPLETELY BANNED IN COLLEGE CAMPUS

- Plastic Cups
- Plastic Straw
- Plastic Plate
- Chocolate Rappers
- Kurkure Pack
- Plastic Beverage Bottles
- Plastic Bottle Caps
- Food Wrappers
- Plastic Grocery Bags
- Plastic Lids
- Plastic Stirrers
- Plastic Containers
- Drinking Bottles
- Plastic Bottle Caps
- Plastic Sachets
- Plastic Wrappers
- Products Made Of Polystyrene
- Products Made Of Non-Degradable Plastic

POLICY DETAILS AND TIMELINE

The use of plastic has become a culture in our day to day life, thus cultural transmission is always a mammoth task, considering the difficulty of transition from full of plastic to plastic-free campus the college planned a systematic detailed plan workshop for Group – D laborers, list of single-use plastics which are going to be banned, classroom to classroom campaign, awareness programs and promotional activities of waste management, clean and single-use plastic-free campus and time phase achieving the desired outcome.

With a definite time bound for the successful implementation of a single-use plastic-free campus the college administration chalk-out following a blueprint.



Sl. No	Phase	Action Plan	Tentative Week/Month of Implementation
1.	I	Workshop for Group-D workers on Waste Management	18-11-2020
2	II	Division of the Whole Campus Into Blocks	18-11-2020
3	III	Bins for Systematic Segregation of Waste	19-10-2021
4	IV	Construction of Composting Pit	Already Implemented
5	V	Plastic Raid	05-12-2020
6	VI	Announcement of College policy/rules/regulations on the ban of single-use plastics	20-09-2019
7	VII	Classroom to Classroom Awareness Campaign	Already Implemented
8	VIII	Recycling of Single-Use Plastics	25-11-2020

STAKEHOLDERS

This policy applies to

- BLDEA College Students
- Staff
- Faculty
- Visitors

MONITORING

A plastic ban committee will be created to monitor the implementation of the ban on single-use plastics. The committee consists following members as chairman vice-chairman and members. The plastic ban committee will release an implementation report every quarter of the college year, which will communicate the progress of the ban to single-use plastics.

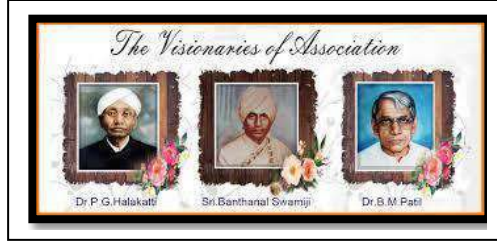
ENFORCEMENT

This policy will take a top-down approach to enforcement. The B.L.D.E.A's COMMERCE, B.H.S, ARTS AND T.G.P, SCIENCE COLLEGE, JAMKHANDI will mandate and ensure that these policies are followed.


Coordinator
Coordinator

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344


Principal
PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE COLLEGE,
JAMKHANDI - 587 301**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

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Website: www.bldeajkd.ac.in

CIRCULARS FOR IMPLEMENTATION OF GREEN CAMPUS INITIATIVES

Estd : 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ಪಾಣಿಜಿ, ಐ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಿ. ಬಾಗಲಕೋಟೆ

ಜಮಖಂಡಿ-587 301

ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: +918353-220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website : www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date : **18 FEB 2020**

The meeting convened on February 18, 2020 with Criteria – 7 members and all faculty members discussed implementation of “Swadeshi Day” and “Vehicle Free Zone” in our college Campus.

As per the discussion in the meeting, a committee comprising of following staff members has been set up.

1. Prof. K. S. Patil – **Chairman**
2. Prof. B. B. Shiradoni– **Vice Chairman**
3. Prof. M. C. Karabari - Member
4. Prof. R. C. Shet - Member
5. Dr. P. S. Hiremath - Member
6. Prof. B. I. Karalatti - Member
7. Prof. V. J. Kadadevar- Member

This committee is to submit a detailed report on following by the weekend.

1. Faculty dress code for “Swadeshi Day” every **Thursday**.
2. Implementation plan of “Vehicle Free Zone” every **Thursday**.

All the faculty members shall follow the committee recommendations.

Principal

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science Colleg
JAMKHANDI-587301.

Estd : 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಉ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

ಜಿ. ಬಾಗಲಕೋಟೆ

ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

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NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date : 24 FEB 2020

CIRCULAR

As per the discussion in the meeting held on 20th Feb 2020, a committee was constituted for action plan on **Swadeshi Day and Vehicle Free Zone** they are as Follows.

- | | |
|--------------------------|-----------------|
| 1. Prof. K. S. Patil | – Chairman |
| 2. Prof. B. B. Shiradoni | – Vice Chairman |
| 3. Prof. M. C. Karabari | - Member |
| 4. Prof. R. C. Shet | - Member |
| 5. Dr. P. S. Hiremath | - Member |
| 6. Prof. B. I. Karalatti | - Member |
| 7. Prof. V. J. Kadadevar | - Member |

The committee submitted a detailed report on following items and their decision was

1. Faculty members should wear Khadi on every Thursday as part of “Swadeshi Day”.
2. Faculty members and students should not bring their Vehicles to College on every Thursday as part of “Vehicle Free Zone”

All the students and faculty members have to follow the recommendations of the committee.

(Signature)
24 Feb 2020

Principal

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College,
JAMKHANDI. Dist. Bagalkot.



Estd : 1910
ಜಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ಪಾಲಿಟೆಕ್ನಿಕ್, ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಟಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd : 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Date: 20 SEP 2019

Ref No.:

CIRCULAR

Sub: - Strict enforcement of plastic Ban in college premises and penalizing plastic users as well.

1. Reference made to State, Central government and National green tribunal frequent directions/orders and UGC guidelines on 'Ban of Plastic' Use in Higher Education Institutions' states that Ban on any kind of single use plastic items in the college premises.

2. As you all are aware about the harmfulness of using plastic bags. So, hereby I inform to that all the HOD's, Teaching and Non-teaching staff and students as well, to not to use any kind of plastic items in the college premises. This is a humble request for all faculty members and students to follow the rules. Eventhough, if anyone found guilty dealt with seriously.

3. **In view of the above following plastic items are prohibited in the college premises:-**

- Plastic Cups
- Plastic Straw
- Plastic Plate
- Chocolate wrappers
- Kurkure Pack
- Plastic beverage bottles
- Plastic bottle caps
- Food Wrappers
- Plastic Grocery bags
- Plastic lids
- Plastic Stirrers
- Plastic containers
- Drinking Bottles
- Plastic Bottle Caps
- Plastic Sachets
- Plastic Wrappers
- Products made of Polystyrene
- Products made of non-degradable plastic

4. **This is for information and strict implementation, please.**

PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College
JAMKHANDI-587301
Principal



Estd:1910

ಜಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂಡಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd:1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

AUDIO CONTENT

Date: 20 SEP 2019

PLEASE PAY YOUR ATTENTION FOR WHILE

All the students, teaching and non-teaching staff members are hereby informed that the usage of any kind of single use plastic items banned inside the college premises as per the state Govt. central Govt. National green tribunal orders and UGC guidelines

It is everyone's responsibility to maintain hygienic environment surrounding the campus area. So, all students, teaching and non-teaching staff are requested to contribute in achieving single use plastic free campus environment by bringing recycle items so students should be aware about their surrounding and join hands in maintain single use plastic free one area.

The following items are strictly banned inside the campus area

- Plastic Cups
- Plastic Straw
- Plastic Plate
- Chocolate Wrappers
- Kurkure Pack
- Plastic beverage bottles
- Plastic bottle caps
- Food Wrappers
- Plastic Grocery bags
- Plastic lids
- Plastic Stirrers
- Plastic containers
- Drinking Bottles
- Plastic Bottle Caps
- Plastic Sachets
- Plastic Wrappers
- Products made of Polystyrene
- Products made of non-degradable plastic

If, anyone found while using single use plastic items will be penalized and administrative action will be initiated against the defaulters.

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Commerce, BHS Arts & TGP Science College

JAMKHANDI-587301.

B.L.D.E. Association's
Commerce, B.H.S. ARTS & T.G.P. SCIENCE COLLEGE
JAMKHANDI-587301

NAAC 3rd Cycle Accreditation with 'A' Grade CGPA 3.32 Recognized by UGC, New Delhi
 Permanently Affiliated to Rani Channamma University, Belagavi

The Visionaries of Association
 Dr. P.G. Havalubi Sr. Sarthansal Swamiji Dr. B.M. Patil

ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

INDEX

Sl. No	CONTEXTS
1	Solar Energy
2	Wheeling to the Grid
3	Sensor-Based Energy Conservation
4	Use of LED Bulbs/Power Efficient Equipment

SOLAR ENERGY

KRISHNA HOSTEL



SAVE ELECTRICITY

Polo Ground Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:32

33°C
91°F



ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:36

33°C
91°F



ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:38



33°C
91°F

ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:38



33°C
91°F

ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:39



33°C
91°F

ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:39



33°C
91°F

ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:40



33°C

91°F

ROOFTOP OF KRISHNA HOSTEL



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:40



33°C

91°F

ROOFTOP OF HOSTEL WATER TANK



ROOFTOP OF TUNGBHADRA HOSTEL



ROOFTOP OF HOSTEL MESS



BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-06-08(Mon) 12:49



33°C

91°F

SOLAR STREET LIGHT



BLDE College Rd, Karnataka 587301, India

Karnataka
India

28°C
82°F

2021-09-22(Wed) 04:00(PM)

SOLAR STREET LIGHT



BLDE College Rd, Karnataka 587301, India

Karnataka
India

28°C
82°F

2021-09-22(Wed) 03:57(PM)

SOLAR STREET LIGHT



BLDE College Rd, Karnataka 587301, India

**Karnataka
India**

2021-09-22(Wed) 03:58(PM)

28°C
82°F

SOLAR STREET LIGHT



G74J+X6G, Jamkhandi, Karnataka 587301, India

**Jamkhandi
Karnataka
India**

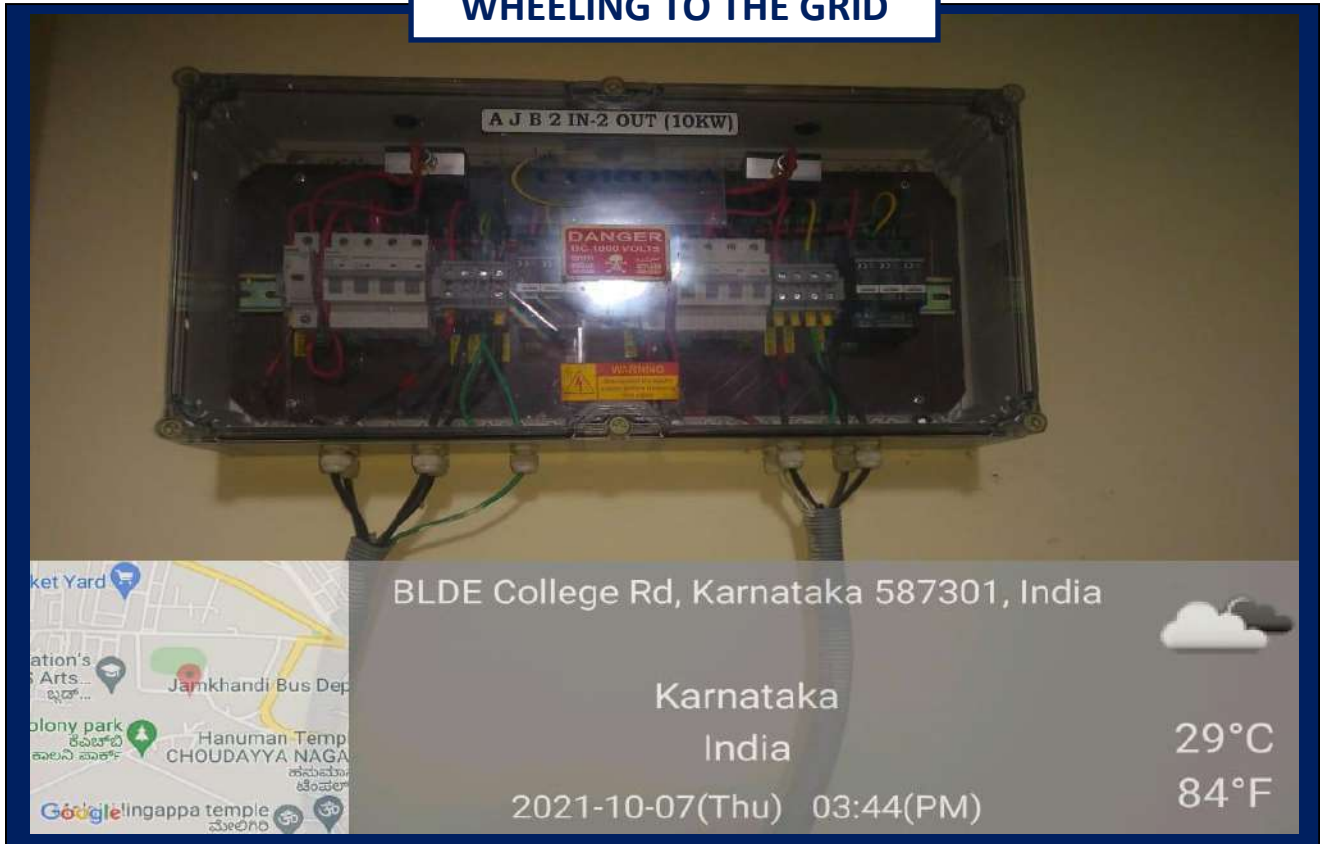
2021-09-22(Wed) 03:48(PM)

28°C
82°F

WHEELING TO THE GRID



WHEELING TO THE GRID



WHEELING TO THE GRID



SENSOR BASED ENERGY CONSERVATION

PICTURE 1 : SENSOR BASED STREET LIGHTS RIGHT SIDE OF SWIMMING POOL



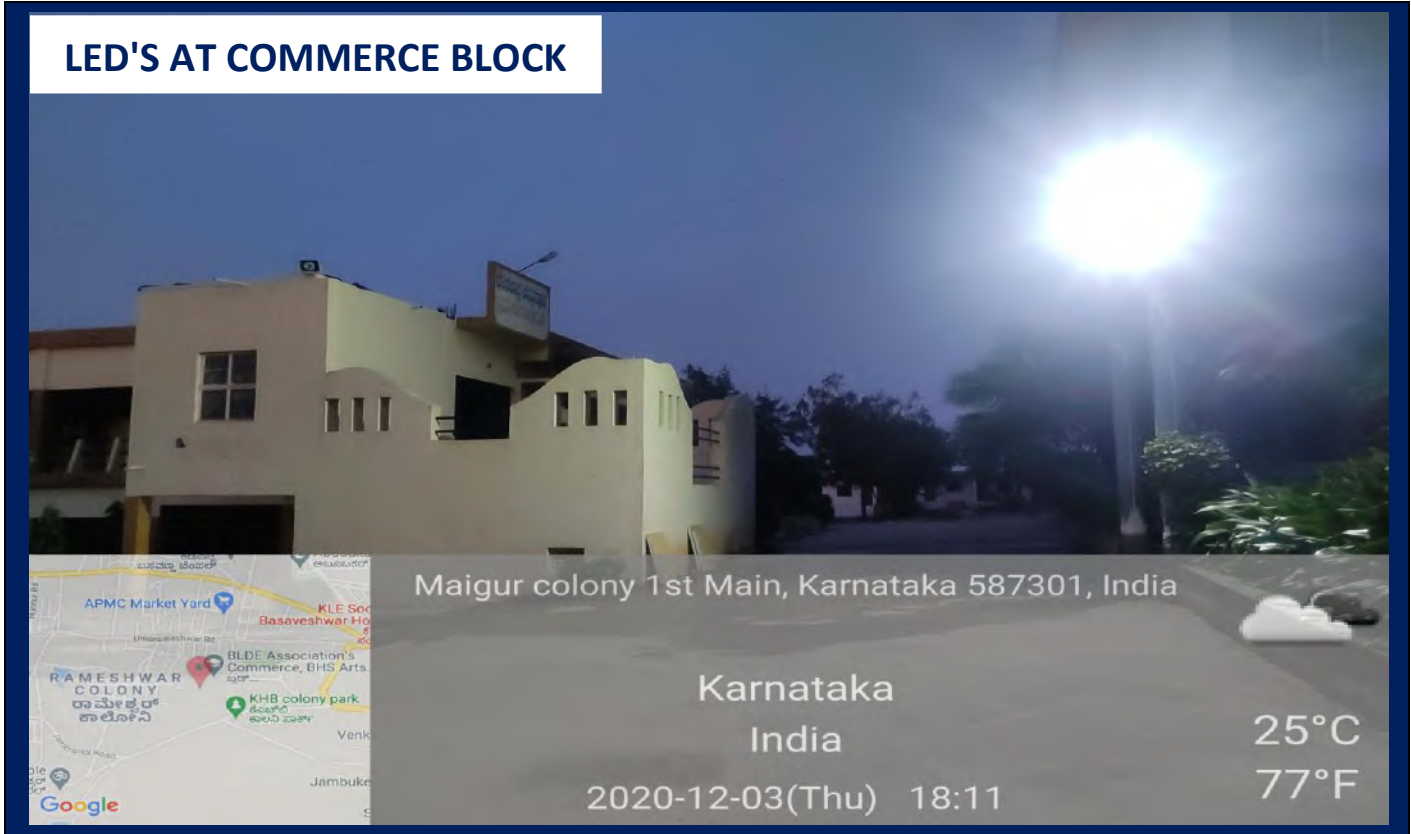
PICTURE 2 : SENSOR BASED STREET LIGHTS RIGHT SIDE OF SWIMMING POOL



SENSOR BASED ENERGY CONSERVATION

[CLICK HERE TO VIEW VIDEO OF THE FACILITY](#)

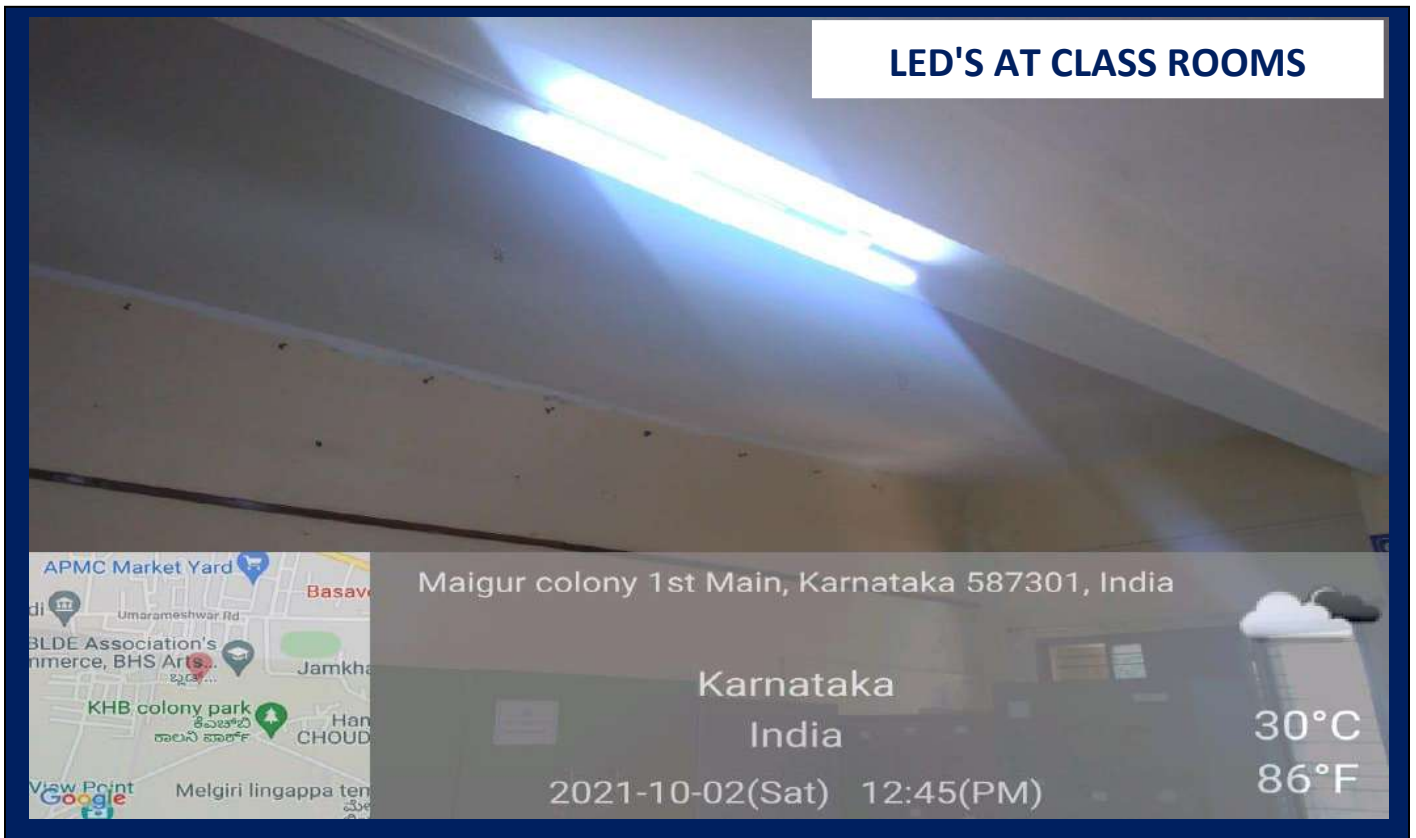
USE OF LED BULBS / POWER EFFICIENT EQUIPMENT



LED'S AT CLASS ROOMS



LED'S AT CLASS ROOMS



POWER EFFICIENT EQUIPMENTS

UPS AT COMPUTER LAB



MC Market Yard
Umarameshwar Rd
Basaveshw
BLDE Associat
Commerce, BHS
Jamkha
Ramathirtha Rd


BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-09-12(Sat) 11:14(AM)

27°C
81°F

UPS ROOM AT LIBRARY



PMc Market Yard
Umarameshwar Rd
Basaveshw
BLDE Associat
Commerce, BHS
Jamkha
Ramathirtha Rd

BLDE College Rd, Karnataka 587301, India

Karnataka
India

2020-09-12(Sat) 11:13(AM)

27°C
81°F

DISPLAY BOARDS : ENERGY CONSERVATION MEASURES





**B. L. D. E. ASSOCIATION'S
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COLLEGE, JAMKHANDI - 587 301.**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

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**ALTERNATE SOURCES OF ENERGY
AND ENERGY CONSERVATION
MEASURES IN THE CAMPUS**



**B. L. D. E. ASSOCIATION'S
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**DOCUMENTS RELATED TO
SOLAR ENERGY**

HUBLI SUPPLY COMPANY LIMITED
SRTPV GENERATION-ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase		Without Subsidy	With Subsidy
Account ID	2032331000	22	Whether the consumer has availed MNRE Subsidy?		9.56	7.26
Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer		NO	
Mtr.Rdr.Code	54006906	24	To be Paid By Consumer to HESCOM		0	
Tariff	LT-2(A) 5KW	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
Sanc Load	01-03-2017 to 31-03-2017	I	Slab 1	8	45	360
Billing Period	1st March-17	II	Slab 2	0	0	0
Reading Date	BES S0806	24A	Total Fixed Charges		360	
Bi-direction Meter SI No		24B	Charge (Unit X Rate)			
Energy Recorded	(A) Energy Import	241			Yes	
Press Rdg	36185	4964				
Rev Rdg	32486	4600	i	Slab1	200	6.25
Difference (11-12)	3699	364	ii	Slab2	3135	7.45
Meter Constant	1	1	iii	Slab3	0	0
Total Energy Import/Export(13X14)	3699	364	iv	Slab4	0	0
Net Import(Consumption) Export	3699	364	24c	Total Energy Charges(i+ii+iii+iv)		24606
15A-15B=Plus /Net Consumption	3335		24D	Tax%6 on23		1476
15B-15A=Plus/Net Expot)	0		24E	Total Bill		26442
Recorded MD	0	0	24F	Power Factor Penalty		224523
Power Factor	0.995		24g	Arrears to be paid by consumer		
SRTPV Meter Details	L&G 3Ph 5-30amps	24H	Credits&Adj			
SRTPV Meter SLNo	12217763	25	Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)		250965	
Press Rdg	16434	28				
Rev Rdg	14422	29				
Difference(2-3)	2012		Due Date for Payment			
Meter Constant	1					
TAL	2012					

Senior Assistant
HESCOM-Jamkhandi

Coordinator
IQAC
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Ph : 08353 - 223344

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Section Officer-1 Urban HESCOM Jamkhandi

Asst Exe Engineer(Ele)
O & M Sub-Division HESCOM Jamkhandi

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RECEIVED DATE
 RECEIVED NUMBER
 201706107432

H ELECTRICITY SUPPLY COMPANY LIMITED
 SRTPV GENERATION ELECTRICITY BILL



RRNO		A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy
1	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)			9.56	7.26
2	Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer			0	
3	Mtr.Rdr. Code	54006906	24	To be Paid By Consumer to HESCOM			41186	
4	Tariff	LT-2(A)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
5	Sanc Load	5KW						
6	Billing Period	01-06-2017 to 30-06-2017	I	Slab 1	8	55		440
7	Reading Date	1st June-17	II	Slab 2	0	0		0
8	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				440
9	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Charge (Unit X Rate)			
10	Press Rdg	45523	5855	241		Yes		
11	Prev Rdg	42290	5619	i	Slab1	200	6.5	1300
12	Difference (11-12)	3233	236	ii	Slab2	2797	7.75	21677
13	Meter Constant	1	1	iii	Slab3	0	0	0
14	Total Engery Import/Export(13X14)	3233	236	iv	Slab4	0	0	0
15	Net Import(Consumption) Export	3233	236	24c	Total Energy Charges(i+ii+iii+iv)			22977
16	(15A-15B=Plus /Net Consumption	2997		24D	Tax%6 on23			1379
17	(15B-15A=Plus/Net Expot)	0		24E	Total Bill			24795
18	Recorded MD	0	0	24F	Power Factor Penalty			
19	Power Factor	0.995		24g	Arrears to be paid by consumer.			16391
20	SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Paid RT			
21	SRPTV Meter SLNo	12217763	25	Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)			41186	
22	Press Rdg	20723	28					
23	Prev Rdg	19365	29					
24	Difference(2-3)	1358		Due Date for Payment				
25	Meter Constant	1						
26	TOTAL	1358						

Senior Assistant HESCOM-Jamkhandi
 16/6/17
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 Section Officer-1 Urbun HESCOM Jamkhandi
 Asst Exe Engineer(Ele)
 O & M Sub-Division HESCOM Jamkhandi

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



185

1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)			9.56	7.26
3	Name And Address	The Principal BLDE College R/o Jamkhandi					NO	
4	Mtr. Rdr. Code	54006906	23	Gross Amount Payable to Consumer			0	
5	Tariff	LT-2(A)	24	To be Paid By Consumer to HESCOM			70962	
6	Basic Load	5KW	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
7	Billing Period	01-08-2017 to 31-08-2017	I	Slab 1	8	55		440
8	Reading Date	1st August-17	II	Slab 2	0	0		0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				440
10	Energy Recorded	(A) Energy Import	24B	Chargy (Unit X Rate)				
11	Press Rdg	49947	241			Yes		
12	Prev Rdg	47070	i	Slab1	200	6.5		1300
13	Difference (11-12)	2877	ii	Slab2	2370	7.75		18368
14	Meter Constant	1	iii	Slab3	0	0		0
15	Total Energy Import/Export(13X14)	2877	iv	Slab4	0	0		0
16	Net Import(Consumption) Export	2877	24c	Total Energy Charges(i+ii+iii+iv)				19668
17	15A-15B=Plus /Net Consumption	2570	24D	Tax%6 on23				1180
18	15B-15A=Plus/Net Expot)	0	24E	Total Bill				21288
19	Recorded MD	0	24F	Power Factor Penalty				
20	Power Factor	0.995	24g	Arrears to be paid by consumer				49675
21	SRTPV Meter Details	L&G 3Ph 5-30amps	24H	Amount Paid RT				70962
22	SRTPV Meter SLNo	12217763	25	Total Bill				41186
23	Press Rdg	22733	28	Amount Paid RT No-101433 Dt 30-06-2017				
24	Prev Rdg	21759	29	Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)				29776
25	Difference(2-3)	974						
26	Meter Constant	1						
27	TOTAL	974						

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JAMKHANDI, Dt. Bagalkot.

[Signature]
Coordinator
IQAC
B.L.D.E. Association's

[Signature]
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Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot

[Signature]
Asst. Exe Engineer(Ele)
O & M Sub-Division HESCOM Jamkhandi

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRPTV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase	Without Subsidy 9.56	With Subsidy 7.26
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)	NO	
Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer	0	
Mtr.Rdr.Code	54006906	24	To be Paid By Consumer to HESCOM	34686	
Tariff	LT-2(A)	A	Fixed/Demand Charges(kw/Unit Rate)	CMC/ ULB IN Rs	Village panchayat Charges
Sanct Load	5KW				440
Billing Period	01-09-2017 to 30-09-2017		Slab 1	55	0
Reading Date	1st Sept-17	II	Slab 2	0	440
BI-direction Meter SI No	BES 80806	24A	Total Fixed Chrges		
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chrgy (Unit X Rate)	
11 Press Rdg	54349	6898	241	Yes	1300
12 Prev Rdg	49947	6697	i Slab1	6.5	31008
13 Diffrence (11-12)	4402	201	ii Slab2	7.75	0
14 Meter Constant	1	1	iii Slab3	0	0
15 Total Engery Import/Export(13X14)	4402	201	iv Slab4	0	0
16 Net Import(Consumption) Export	4402	201	24c	Total Energy Charges(i+ii+iii+iv)	
17 (15A-15B=Plus /Net Consumption	4201		24D	Tax%5 on23	
18 (15B-15A=Plus/Net Expot)	0		24E	Total Bill	
19 Recorded MD	0	0	24F	Power Factor Penalty	
20 Power Factor	0.995		24g	Arrears to be paid by consumer	
ii SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Paid RT	
1 SRPTV Meter SLNo	12217763		25	Total Bill	
2 Press Rdg	23973		28		
3 Prev Rdg	22733		29		
4 Defference(2-3)	1240		Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)		
5 Meter Constant	1		34686		
6 TOTAL	1240				

Senior Assistant
 HESCOM Jamkhandi
 Coordinator
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 Asst Exe Engineer(Ele)
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SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)		9.56	7.26
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer		NO	
4	Mtr.Rdr.Code	54006906	24	To be Paid By Consumer to HESCOM		0	
5	Tariff	LT-2(A)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat
6	Spec Load	5KW					Charges
7	Billing Period	01-10-2017 to 31-10-2017	I	Slab 1	8	55	440
8	Reading Date	1st Oct-17	II	Slab 2	0	0	0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges			440
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)		
11	Press Rdg	57750	7219	241		Yes	
12	Prev Rdg	54349	6898	i	Slab1	200	6.5
13	Difference (11-12)	3401	321	ii	Slab2	2880	7.75
14	Meter Constant	1	1	iii	Slab3	0	0
15	Total Engery Import/Export(13X14)	3401	321	iv	Slab4	0	0
16	Net Import(Consumption) Export	3401	321	24c	Total Energy Charges(i+ii+iii+iv)		23620
17	(15A-15B=Plus /Net Consumption	3080		24D	Tax%6 on23		1417
18	(15B-15A=Plus/Net Expot)	0		24E	Total Bill		25477
19	Recorded MD	0	0	24F	Power Factor Penalty		
20	Power Factor	0.995		24g	Arrears to be paid by-consumer		
21	SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Piad RT		
22	SRPTV Meter SLNo	12217763		25	Total Bill		25477
23	Press Rdg	24971		28			
24	Prev Rdg	23973		29			
25	Defference(2-3)	998		Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)			25477
26	Meter Constant	1					
27	TOTAL	998					

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Ph. 08353-223344

Senior Assistant
HESCOM Jamkhandi

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21					
Account ID	5416231000	22	Cost Of Purchase			Without Subsidy 9.56	With Subsidy 7.26
Name And Address	The Principal BLDE College R/o Jamkhandi		Whether the consumer has availed MNRE Subsidy (Yes/No)				
Mtr. Rdr. Code	54006906	23	Gross Amount Payable to Consumer				
Tariff	LT-2(A)	A	To be Paid By Consumer to HESCOM			0	
Sanc Load	5KW		Fixed/Demand Charges (kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges	
Billing Period	01-11-2017 to 30-11-2017	I	Slab 1				
Reading Date	1st Nov-17	II	Slab 2	8	55	440	
Bi-direction Meter Sl No	BES 80806	24A	Total Fixed Chrges	0	0	0	
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chrgy (Unit X Rate)			
Press Rdg	59139	7914	241	Yes			
Prev Rdg	57750	7219	i	Slab1	200	6.5	1300
Difference (11-12)	1389	695	ii	Slab2	494	7.75	3829
Meter Constant	1	1	iii	Slab3	0	0	0
Total Enrgy Import/Export (13X14)	1389	695	iv	Slab4	0	0	0
Net import (Consumption) Export	1389	695	24c	Total Energy Charges (i+ii+iii+iv)			5129
(15A-15B=Plus /Net Consumption)	694		24D	Tax%6 on 23			308
(15B-15A=Plus/Net Expot)	0		24E	Total Bill			5876
Recorded MD	0	0	24F	Power Factor Penalty			
Power Factor	0.995		24g	Arrears to be paid by consumer			
SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Paid RT			5876
SRPTV Meter SLNo	12217763		25	Total Bill			
Press Rdg	26107		28				
Prev Rdg	24971		29				
Defference (2-3)	1136		Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)				5876
Meter Constant	1						
TOTAL	1136						

Senior Assistant
HESCOM-Jamkhandi

Coordinator
IQAC

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JAMKHANDI, Dist. Bagalkot

Section Officer-1 Urban HESCOM Jamkhandi
Asst Exe Engineer (Ele)
O & M Sub-Division HESCOM Jamkhandi

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SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy	With Subsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy (Yes or No)		9.56	7.26
3	Name And Address	The Principal BLDE College R/o Jamkhandi	23			NO	
4	Mtr. Rdr. Code	54006906	24	Gross Amount Payable to Consumer		0	
5	Tariff	LT-2(A)	24	To be Paid By Consumer to HESCOM		9967	
6	Sanc Load	5KW	A	Fixed/Demand Charges (kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
7	Billing Period	01-12-2017 to 31-12-2017	I	Slab 1	8	55	440
8	Reading Date	1st Dec-17	II	Slab 2	0	0	0
9	Bi-direction Meter SI No.	BES 80806	24A	Total Fixed Chrges	0	0	440
10	Energy Recorded	(A) Energy Import	(B) Energy Export				
11	Press Rdg	61022	8605	Chrgy (Unit X Rate)			
12	Prev Rdg	59139	7914	i	Slab1	200	Yes
13	Diffrence (11-12)	1883	691	ii	Slab2	992	6.5
14	Meter Constant	1	1	iii	Slab3	0	7.75
15	Total Enrgy Import/Export(13X14)	1883	691	iv	Slab4	0	0
16	Net Import(Consumption) Export	1883	691	24c	Total Energy Charges(i+ii+iii+iv)	0	0
17	(15A-15B=Plus /Net Consumption	1192		24D	Tax%6 on23		8988
18	(15B-15A=Plus/Net Expot)	0		24E	Total Bill		539
19	Recorded MD	0	0	24F	Power Factor Penalty		9967
20	Power Factor	0.995		24g	Arrears to be paid by consumer		9967
II	SRPTV Meter Details	L&G 3Ph 5-30amps	24H	Amount Pead RT			
1	SRPTV Meter SLNo	12217763	25	Total Bill			9967
2	Press Rdg	27353	28				
3	Prev Rdg	26107	29				
4	Defference(2-3)	1246		Net Amount to be Paid by Consumer to HESCOM (24g+24d+24c+24a)			9967
5	Meter Constant	1					
6	TOTAL	1246					

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Asst Exe Engineer (Ele)
O & M Sub-Division HESCOM Jamkhandi

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRPTV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy 9.56		WithSubs idy 7.26
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)		NO		
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer	0		
4	Mtr.Rdr.Code	54006906	24	To be Paid By Consumer to HESCOM	3962			
5	Tariff	LT-2(A)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6	Sanc Load	5KW						
7	Billing Period	01-03-2018 to 31-03-2018	I	Slad 1	8	55		440
8	Reading Date	1st March-18	II	Slad 2	0	0		0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)			
11	Press Rdg	64252	11366	241		Yes		
12	Prev Rdg	62684	10594	i	Slab1	200	6.5	1300
13	Difference (11-12)	1568	772	ii	Slab2	596	7.75	4619
14	Meter Constant	1	1	iii	Slab3	0	0	0
15	Total Engery Import/Export(13X14)	1568	772	iv	Slab4	0	0	0
16	Net Import(Consumption) Export	1568	772	24c	Total Energy Charges(i+ii+iii+iv)			5919
17	(15A-15B=Plus /Net Consumption	796		24D	Tax%6 on23			355
18	(15B-15A=Plus/Net Expot)	0		24E	Total Bill (24c+24d-24a)			6714
19	Recorded MD	0	0	24F	Power Factor Penalty			2752
20	Power Factor	0.995		24g	Arrears Amount to be Paid by HESCOM to Consumer			
II	SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Plad RT			
1	SRPTV Meter SLNo	12217763		25	Total Bill (24c+24d-24a)			3962
2	Press Rdg	31076		28				
3	Prev Rdg	29839		29				
4	Defference(2-3)	1237		Net Amount to be Paid by Consumer to HESCOM				3962
5	Meter Constant	1						
6	TOTAL	1237						

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A53	21	Cost Of Purchase		Without Subsidy	WithSubsidy
						7.08	6.03
2	Account ID	2032331000	22	Whether the consumer has availed MIRE Subsiby(Yes ro No)	NO		
3	Name And Adress	Arunkumar M Shaha R/o Jamkhandi	23	Gross Amount Payable to Cosumer			
4	Mtr.Rdr.Code	54006906	24	To be Paid By Consumer/by Hescom	5039		
5	Tariff	LT-2(A)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
6	Sanc Load	5KW					
7	Billing Period	01-04-2018 to 30-04-2018	I	Slad 1	5	40+200	240
8	Reading Date	1st April-18	II	Slad 2	0	0	0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges	240		
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)		
11	Press Rdg	8045	9716	241		Yes	
12	Prev Rdg	7654	9360	i	Slab1	30	3.25
13	Diffrence (11-12)	391	356	ii	Slab2	5	4.7
14	Meter Constant	1	1	iii	Slab3	0	0
15	Total Engery Import/Export(13X14)	391	356	iv	Slab4	0	0
16	Net Import(Consumption) Export	391	356	24c	Total Energy Charges(+ii+iii+iv)	121	
17	(15A-15B=Plus /Net Consumption	0		24D	Tax%6 on23	7	
18	(15B-15A=Plus/Net Expot)	35		24E	Total Bill	368	
19	Recorded MD	0	0	24F	Power Factor Penalty	4043	
20	Power Factor	0.995		24g	Arrears Amount to be Paid by HESCOM to Consumer	9082	
		L&G 3Ph 5-30amps		24H	May-2016 to ^{Feb} March-2018 Diff Amount 9.56 to 7.08 Consumer Piad by HESCOM	5039	
II	SRPTV Meter Details	HES20494	25	Net Amount to be Paid by Consumer to Hescom			0
1	SRPTV Meter SLNo	22362	28	HESCOM Already Paid Amount			
2	Press Rdg	21905	29				
3	Prev Rdg	457					
4	Defference(2-3)	1					
5	Meter Constant	457					
6	TOTAL						

Senior Assistant
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Coordinator
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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy	WithSubsidy
						7.08	6.03
2	Account ID	5416231000	22	Whether the consumer has availed MNBE Subsidy/Yes/No	NO		
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer	0		
4	Mtr. Rdr Code	54006906	24	To be Paid By Consumer to HESCOM	13313		
5	Tariff	LT-2(A)	A	Fixed/Demand Charges(kw/Unit Rate)	kW	CMC/ ULB IN Rs	Village panchayat Charges
6	Spec Load	5KW					
7	Billing Period	01-05-2018 to 31-05-2018	I	Slab 1	8	55	440
8	Reading Date	1st May 18	II	Slab 2	0	0	0
9	Bi-direction Meter Sl No	BFS 80806	24A	Total Fixed Chrges			440
10	Energy Recorded	(A) Energy Import (B) Energy Export	24B	Chrgy (Unit X Rate)			
11	Press Rdg	67210	12746	241		Yes	
12	Prev Rdg	65871	11975	i	Slab1	200	6.5
13	Difference (11-12)	1339	771	ii	Slab2	368	7.75
14	Meter Constant	1	1	iii	Slab3	0	0
15	Total Enrgy Import/Export(13X14)	1339	771	iv	Slab4	0	0
16	Net Import(Consumption) Export	1339	771	24c	Total Energy Charges(i+ii+iii+iv)		0
17	(15A-15B+Plus/Net Consumption	568		24D	Tax%6 on23		4152
18	(15B-15A+Plus/Net Export)	0		24E	Total Bill (24c+24d-24a)		249
19	Recorded MD	0	0	24F	Power Factor Penalty		4841
20	Power Factor	0.995		24g	Arrears Amount to be Paid by Consumer to HESCOM		8472
ii SRTPV Meter Details		L&G 3Ph S-30amps		24H	Amount Paid RT		
1	SRTPV Meter Sl No	12217763		25	Total Bill (24c+24d-24a)		13313
2	Press Rdg	33662		28			
3	Prev Rdg	32306		29			
4	Difference(2-3)	1356			Net Amount to be Paid by Consumer to HESCOM		13313
5	Meter Constant	1					
6	TOTAL	1356					

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21				
2	Account ID	5416231000	22	Cost Of Purchase		Without Subsidy	WithSubsidy
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		Whether the consumer has availed MNRE Subsidy(Yes orNo)		7.08	6.03
4	Mtr. Rdr. Code	54006906	23	Gross Amount Payable to Consumer			
5	Tariff	LT-2(A)	24	To be Paid By Consumer to HESCOM			
6	Spec Load	5KW	A	Fixed/Demand Charges(kw/Unit Rate)		0	
7	Billing Period	01-06-2018 to 30-06-2018		KW	CMC/ ULB IN Rs	Village panchayat	Charges
8	Reading Date	1st June 18	I	Slab 1			
9	Bi-direction Meter Sl No	BFS 80806	II	Slab 2	8	65	520
10	Energy Recorded	(A) Energy Import (B) Energy Export	24A	Total Fixed Chrges	0	0	0
11	Press Rdg	68949	24B				
12	Prev Rdg	67210	24C	Chargy (Unit X Rate)			
13	Difference (11-12)	1739	i	Slab1	200	6.7	1340
14	Meter Constant	1	ii	Slab2	963	7.95	7656
15	Total Engery Import/Export(13X14)	1739	iii	Slab3	0	0	0
16	Net Import(Consumption) Export	1739	iv	Slab4	0	0	0
17	ISA-15B=Plus /Net Consumption	1163	24c	Total Energy Charges(i+ii+iii+iv)			
18	ISA-15A=Plus/Net Expot)	0	24D	Tax%6 on23			
19	Recorded MD	0	24E	Total Bill (24c+24d-24a)			
20	Power Factor	0.995	24F	Power Factor Penalty			
21	SRTPV Meter Details	L&G 3Ph 5-30amps	24G	Arrears Amount to be Paid by Consumer to HESCOM			
22	SRTPV Meter SLNo	12217763	24H	Amount Paid RT			
23	Press Rdg	34965	25	Total Bill (24c+24d-24a)			
24	Prev Rdg	33662	28				
25	Difference(2-3)	1303	29	Net Amount to be Paid by Consumer to HESCOM			
26	Meter Constant	1					
27	TOTAL	1303					

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HESCOM BILKALU POWER SUPPLY COMPANY LIMITED
BILKALU, GONDAL ROAD, BILKALU, DIST. BILKALU



Without subsidy	With Subsidy
7.08	6.03
NO	

1	RRNO	A2206							
2	Account No	5414241000							
3	Name and Address	The Principal BIDE College R/o Jamkhandi							0
4	Mtr Rdt Code	54006906							1809
5	Tariff	11-2(b)							
6	Inst Load	5KW							520
7	Billing Period	01-07-2018 to 31-07-2018							0
8	Reading Date	1st July 18							520
9	Bi-direction Meter Sl No	H/S 80806							
10	Energy Recorded	(A) Energy Import	(B) Energy Export						
11	Press Rdg	69462	14166						
12	Prev Rdg	68949	13322						
13	Difference (11-12)	513	842						
14	Meter Constant	1	1						
15	Total Energy Import/Export (13x14)	513	842						
16	Net Import (Consumption) Export	513	842						
17	(15A-15B=Plus/Net Consumption)		329						
18	(15B-15A=Plus/Net Export)		0						
19	Recorded MD	0	0						
20	Power Factor	0.995							
21	SRPTV Meter Details	L&G 3Ph 5-30amps							
22	SRPTV Meter SLNo	12217763							
23	Press Rdg	36033							
24	Prev Rdg	34965							
25	Difference (23-24)	1068							
26	Meter Constant	1							
27	TOTAL	1068							

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)			7.08	6.03
3	Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer			0	
4	Mtr.Rdr.Code	54006906	24	Net Amount to be Paid by Hescom to Consumer			7008	
5	Tariff	LT-2(b) SKW	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB in Rs	Village panchayat	Charges
6	Sanc Load	01-08-2018 to 31-08-2018	I	Slab 1	8	65		520
7	Billing Period	1st Aug-18	II	Slab 2	0	0		0
8	Reading Date	BES 80806	24A	Total Fixed Chrges			520	
9	Bi-direction Meter Sl No			Chargy (Unit X Rate)				
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B				
11	Press Rdg	70848	14534	241		Yes		
12	Prev Rdg	69462	14164	i	Slab1	200	6.7	1340
13	Diffrence (11-12)	1386	370	ii	Slab2	816	7.95	6487
14	Meter Constant	1	1	iii	Slab3	0	0	0
15	Total Engery Import/Export(13X14)	1386	370	iv	Slab4	0	0	0
16	Net Import(Consumption) Export	1386	370	24c	Total Energy Charges(i+ii+iii+iv)			7827
17	(15A-15B=Plus /Net Consumption	1016		24D	Tax%6 on23			470
18	(15B-15A=Plus/Net Expot)	0		24E	Total Bill (24c+24d-24a)			8817
19	Recorded MD	0	0	24F	Power Factor Penalty			
20	Power Factor	0.995		24g	Arrears Amount to be Paid by HESCOM to Consumer			1809
II	SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Paid RT			
1	SRPTV Meter SLNo	12217763		25	Total Bill (24c+24d-24a)			7008
2	Press Rdg	36033		28				
3	Prev Rdg	36033		29				
4	Defference(2-3)	0		Net Amount to be Paid by Consumer to HESCOM				7008
5	Meter Constant	1						
6	TOTAL	0						

Senior Assistant
HESCOM Jamkhandi

Coordinator
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Asst. Exe Engineer(Ele)
O & M Sub-Division HESCOM Jamkhandi

2020

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	With Subsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer				NO	
4	Mtr. Rdr Code	54006906	24	Net Amount to be Paid by Hescom to Consumer				0	
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW						10603	
7	Billing Period	01-09-2018 to 30-09-2018	I	Slab 1	8	65			
8	Reading Date	1st Sept-18	II	Slab 2	0	0		520	
9	Bi-direction Meter Sl No	BES 80806	24A	Total fixed Chrges				0	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				520
11	Press Rdg	72498	14956	241		Yes			
12	Prev Rdg	70848	14534	i	Slab1	200	6.7	1340	
13	Diffrence (11-12)	1650	422	ii	Slab2	1028	7.95	8173	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	1650	422	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	1650	422	24c	Total Energy Charges(i+ii+iii+iv)				9513
17	(15A-15B=Plus /Net Consumption	1228		24D	Tax%6 on23				571
18	(15B-15A=Plus/Net Exopt)	0		24E	Total Bill (24c+24d-24a)				10603
19	Recorded MD	0	0	24F	Power Factor Penalty				
20	Power Factor	0.995		24g					0
II	SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Amount Pead RT				
1	SRPTV Meter SLNo	12217763		25	Total Bill (24c+24d-24a)				10603
2	Press Rdg	37641		28					
3	Prev Rdg	36033		29					
4	Defference(2-3)	1608							
5	Meter Constant	1							
6	TOTAL	1608							

Recd 25/09/2018
 ಸಹಾಯಕ ನಿರ್ದೇಶಕರು
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 Asst Exe Engineer (Eg)
 Division HESCO, Jamkhandi
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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase					Without Subsidy	With Subsidy
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy (Yes or No)					7.08	6.03
Name And Address	The Principal BLDE College R/o Jamkhandi								NO
Mtr.Rdr.Code	54006906	23	Gross Amount Payable to Consumer					0	
		24	Net Amount to be Paid by Hescom to Consumer					13042	
Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges		
Sanct Load	5KW								
Billing Period	01-10-2018 to 31-10-2018	I	Slab 1	8	65		520		
Reading Date	1st Oct-18	II	Slab 2	0	0		0		
Bi-direction Meter Sl No	BES 80806	24A	Total Fixed Chrges				520		
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)					
Press Rdg	74617	15612	241		Yes				
Prev Rdg	72498	14956	i	Slab1	200	6.7		1340	
Diffrence (11-12)	2119	656	ii	Slab2	1263	7.95		10041	
Meter Constant	1	1	iii	Slab3	0	0		0	
Total Enegy Import/Export(13X14)	2119	656	iv	Slab4	0	0		0	
Net Import(Consumption) Export	2119	656	24c	Total Energy Charges(i+ii+iii+iv)			11381		
(15A-15B=Plus /Net Consumption)	1463		24D	Tax%9			1024		
(15B-15A=Plus/Net Expat)	0		24E	Fuel Cost			117		
Recorded MD	0	0	24F	Total Bill			13042		
Power Factor	0.995		24g	Power Factor Penalty					
SRPTV Meter Details	L&G 3PH 5-20amp		24H				0		
SRPTV Meter SLNo	12217763		25	Amount Paid RT					
Press Rdg	39046		28	Total Bill (24c+24d-24a)			13042		
Prev Rdg	37641		29						
Defference(2-3)	1405								
Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM			13042			
TOTAL	1405								

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRPTV GENERATION ELECTRICITY BILL



Without Subsidy	With Subsidy
7.08	6.03
NO	

RRNO	A2795	21	Cost of Purchase
2 Account ID	5416231000	22	Whether the consumer has availed MNP? <input type="checkbox"/>
3 Name And Address	The Principal BLDI College R/o Jamkhandi		0
4 Mtr. Rdr Code	54006907	23	Gross Amount Payable to Consumer
5 Tariff	1T-2(b)	24	Net Amount to be Paid by Hescocom to Consumer
6 Sanc Load	5KW	24A	Fixed/Demand Charges(kw/Unit Rate)
7 Billing Period	01 11 2018 to 30 11 2018		KW
8 Reading Date	1st Nov 18		Slab 1
9 Bi-direction Meter SI No	111-S-80806		Slab 2
10 Energy Recorded	(A) Energy Import	(B) Energy Export	Total Fixed Charges
11 Press Rdg	76239	16493	Chargy (Unit X Rate)
12 Prev Rdg	74617	15612	Slab1
13 Diffrence (11-12)	1622	881	Slab2
14 Meter Constant	1	1	Slab3
15 Total Engery Import/Export(13X14)	1622	881	Slab4
16 Net Import(Consumption) Export	1622	881	Total Energy Charges(i+ii+iii+iv)
17 (15A-15B+Plus /Net Consumption	741		Tax%9
18 (15B-15A-Plus/Net Expot)	0		Fuel Cost 0.08
19 Recorded MD	0	0	Total Bill
20 Power Factor	0.995		Power Factor Penalty
21 SRPTV Meter Details	L&G 3PH 3	20 amp	
1 SRPTV Meter SLNo	12217763	25	Amount Paid RT
2 Press Rdg	40525	28	Total Bill (24c+24d-24a)
3 Prev Rdg	39046	29	
4 Defference(2-3)	1479		
5 Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM
6 TOTAL	1479		6728

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase			
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)			
Name And Adress	The Principal BLDE College R/o Jamkhandi		Without Subsidy		WithSubsidy	
Mtr.Rdr.Code	54006907	23	7.08		6.03	
Tariff	LT-2(b)	24	NO			
Sanc Load	5KW	A	Gross Amount Payable to Consumer			
Billing Period	01-12-2018 to 31-12-2018		Net Amount to be Paid by Hescom to Consumer			
Reading Date	1st Dec-18		0			
Bi-direction Meter SI No	BES 80806	24A	8075			
Energy Recorded	(A) Energy Import		Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
Press Rdg	77806	24B				
Prev Rdg	76239	241	Chargy (Unit X Rate)			
Diffrence (11-12)	1567	i	Slab1		Yes	
Meter Constant	1	ii	Slab2	200	6.7	1340
Total Engery Import/Export(13X14)	1567	iii	Slab3	695	7.95	5525
Net Import(Consumption) Export	1567	iv	Slab4	0	0	0
(15A-15B=Plus /Net Consumption	895	24c	Total Energy Charges(i+ii+iii+iv)	0	0	0
(15B-15A=Plus/Net Expot)	0	24D	Tax%9			6865
Recorded MD	0	24E	Fuel Cost 0.08			618
Power Factor	0.995	24F	Total Bill			72
SRPTV Meter Details	L&G 3PH 5-20amp	24g	Power Factor Penalty			8075
SRPTV Meter SLNo	12217763	24H				
Press Rdg	41702	25	Amount Piad RT			0
Prev Rdg	40525	28	Total Bill (24c+24d-24a)			8075
Defference(2-3)	1177	29				
Meter Constant	1					
TOTAL	1177		Net Amount to be Paid by Consumer to HESCOM			8075

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy
						7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)			NO	
3	Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer			0	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer			533	
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6	Sanc Load	5KW						
7	Billing Period	01-02-2019 to 28-02-2019	I	Slab 1	8	65		520
8	Reading Date	1st Feb-19	II	Slab 2	0	0		0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				520
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)			
11	Press Rdg	79579	19082	241		Yes		
12	Prev Rdg	78254	18240	i	Slab1	200	6.7	1340
13	Difference (11-12)	1325	842	ii	Slab2	283	7.95	2250
14	Meter Constant	1	1	iii	Slab3	0	0	0
15	Total Engery Import/Export(13X14)	1325	842	iv	Slab4	0	0	0
16	Net import(Consumption) Export	1325	842	24c	Total Energy Charges(i+ii+iii+iv)			3590
17	(15A-15B=Plus /Net Consumption	483		24D	Tax%9			323
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.04			19
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			4452
20	Power Factor	0.995		24g	Power Factor Penalty			
II	SRPTV Meter Details	L&G 3PH 5-20amp		24H	Arrears HESCOM to Consumer			3919
1	SRPTV Meter SLNo	12217763		25	Amount Paid RT			533
2	Press Rdg	44221		28	Total Bill (24c-24h)			
3	Prev Rdg	42963		29				
4	Defference(2-3)	1258						
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM			533
6	TOTAL	1258						

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy	
						7.08	6.03	
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)				NO	
Name And Address	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer				0
Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				6968	
Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
Sanc Load	5KW							
Billing Period	01-03-2019 to 31-03-2019	I	Slab 1	8	65		520	
Reading Date	1st March-19	II	Slab 2	0	0		0	
Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				520	
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
Press Rdg	81089	19820	241		Yes			
Prev Rdg	79579	19082	i	Slab1	200	6.7	1340	
Difference (11-12)	1510	738	ii	Slab2	572	7.95	4547	
Meter Constant	1	1	iii	Slab3	0	0	0	
Total Engery Import/Export(13X14)	1510	738	iv	Slab4	0	0	0	
Net Import(Consumption) Export	1510	738	24c	Total Energy Charges(i+ii+iii+iv)				5887
(15A-15B=Plus /Net Consumption	772		24D	Tax%9				530
(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.04				31
Recorded MD	0		24F	Total Bill (24c+24d+24e+24a)				6968
Power Factor	0.995		24g	Power Factor Penalty				
SRPTV Meter Details	L&G 3PN 5-20amp		24H	Arrears HESCOM to Consumer				0
SRPTV Meter SLNo	12217763		25	Amount Paid RT				
Press Rdg	45506		28	Total Bill (24c-24h)				6968
Prev Rdg	44221		29					
Difference(2-3)	1285							
Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM				6968
TOTAL	1285							

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy	
							7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)					NO
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer				0
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer					9732
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-04-2019 to 30-04-2019	I	Slab 1	8	65		520	
8	Reading Date	1st April-19	II	Slab 2	0	0		0	
9	BI-direction Meter SI No	BES 80806	24A	Total Fixed Chrges					520
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	82973	20622	241		Yes			
12	Prev Rdg	81089	19820	i	Slab1	200	6.7	1340	
13	Difference (11-12)	1884	802	ii	Slab2	882	7.95	7012	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	1884	802	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	1884	802	24c	Total Energy Charges(i+ii+iii+iv)				8352
17	(15A-15B=Plus /Net Consumption	1082		24D	Tax%9				752
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.00				108
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				9732
20	Power Factor	0.995		24g	Power Factor Penalty				
II	SRPTV Meter Details	L&G 3PH 5-20amp		24H	Arrears HESCOM to Consumer				0
1	SRPTV Meter SLNo	12217763		25	Amount Paid RT				
2	Press Rdg	47042		28	Total Bill (24c-24h)				9732
3	Prev Rdg	45506		29					
4	Defference(2-3)	1536							
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM				9732
6	TOTAL	1536							

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1		RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy
2		Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy (Yes or No)			7.08	6.03
3		Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer			NO	
4		Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer			0	
5		Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6		Sanc Load	5KW						
7		Billing Period	01-05-2019 to 31-05-2019	I	Slab 1	8	65		520
8		Reading Date	1st May-19	II	Slab 2	0	0		0
9		Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				520
10		Energy Recorded	(A) Energy Import	(B) Energy Export	Chargy (Unit X Rate)				
11		Press Rdg	84940	21285	241		Yes		
12		Prev Rdg	82973	20622	i	Slab1	200	6.7	1340
13		Difference (11-12)	1967	663	ii	Slab2	1104	7.95	8777
14		Meter Constant	1	1	iii	Slab3	0	0	0
15		Total Engery Import/Export(13X14)	1967	663	iv	Slab4	0	0	0
16		Net Import(Consumption) Export	1967	663	24c	Total Energy Charges(i+ii+iii+iv)			10117
17		(15A-15B=Plus /Net Consumption	1304		24D	Tax%9			911
18		(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.10			130
19		Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			11678
20		Power Factor	0.995		24g	Power Factor Penalty			
II		SRPTV Meter Details	L&G 3PH 5-20amp		24H	Arrears HESCOM to Consumer			0
1		SRPTV Meter SLNo	12217763		25	Amount Paid RT			
2		Press Rdg	48458		28	Total Bill (24c-24h)			11678
3		Prev Rdg	47042		29				
4		Defference(2-3)	1416						
5		Meter Constant	1						
6		TOTAL	1416			Net Amount to be Paid by Consumer to HESCOM			11678

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase							
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)			Without Subsidy	With Subsidy			
						7.08	6.03			
						NO				
Name And Address	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer			0			
Tr. Rdr. Code	54006907	24	Net Amount to be Paid by Hescom to Consumer			0				
						7701				
Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges			
Sanct Load	5KW									
Billing Period	01-06-2019 to 30-06-2019	i	Slab 1	8	70			560		
Reading Date	1st June-19	ii	Slab 2	0	0			0		
Bi-direction Meter SI No	BLS 80806	24A	Total Fixed Chrges					560		
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)						
Press Rdg	86206	22023	241		Yes					
Prev Rdg	84940	21285	i	Slab1	200	7.75			1550	
Difference (11-12)	1266	738	ii	Slab2	328	8.75			2870	
Meter Constant	1	1	iii	Slab3	0	0			0	
Total Engery Import/Export(13X14)	1266	738	iv	Slab4	0	0			0	
Net Import(Consumption) Export	1266	738	24c	Total Energy Charges(i+ii+iii+iv)					4420	
17 (15A-15B=Plus /Net Consumption	528		24D	Tax%9					398	
18 (15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.10					53	
19 Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)					5431	
20 Power Factor	0.995		24g	Power Factor Penalty						
21 SRPTV Meter Details	12217763		24H	Arrears HESCOM to Consumer					0	
1 SRPTV Meter SI No			25	Amount Paid RT						
2 Press Rdg	49770		28	Total Bill (24c-24h)					5431	
3 Prev Rdg	48458		29	Diff Amount Rate revised as on 01-04-2019 Effect					2270	
4 Defference(2-3)	1312									
5 Meter Constant	1									
6 TOTAL	1312			Net Amount to be Paid by Consumer to HESCOM					7701	

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy	WithSubsidy	
						7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)	NO			
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Comsumer	0			
4	Mtr Rdr Code	54006907	24	Net Amount to be Paid by Hescom to Consumer	8555			
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges	
6	Sanc Load	5KW						
7	Billing Period	01-07 2019 to 31-07 2019	I	Slad 1	8	70	560	
8	Reading Date	1st July 19	II	Slad 2	0	0	0	
9	Bi-direction Meter Sl No	BES S0806	24A	Total Fixed Chrges			560	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)			
11	Press Rdg	87579	22550	241		Yes		
12	Prev Rdg	86206	22023	i	Slab1	200	7.75	1550
13	Difference (11-12)	1373	527	ii	Slab2	646	8.75	5653
14	Meter Constant	1	1	iii	Slab3	0	0	0
15	Total Engery Import/Export(13X14)	1373	527	iv	Slab4	0	0	0
16	Net Import(Consumption) Export	1373	527	24c	Total Energy Charges(1+ii+iii+iv)		7203	
17	(15A-15B-Plus /Net Consumption	846		24D	Tax%9		648	
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.17		144	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)		8555	
20	Power Factor	0.995		24g	Power Factor Penalty			
II	SRPTV Meter Details	L&G SPM 5-20-mer		24H	Arrears HESCOM to Consumer		0	
1	SRPTV Meter SLNo	12217763		25	Amount Piad RT			
2	Press Rdg	50731		28	Total Bill (24c-24h)		8555	
3	Prev Rdg	49770		29				
4	Defference(2-3)	961						
5	Meter Constant	1						
6	TOTAL	961			Net Amount to be Paid by Consumer to HESCOM		8555	

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PUBLIC UTILITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRI Subsidy(Yes or No)			7.08	6.03
3	Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer			0	
4	Mtr.Rdr Code	54006907	24	Net Amount to be Paid by Hescom to Consumer			15555	
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6	Sanc Load	5KW						
7	Billing Period	01-08-2019 to 31-08-2019	I	Slab 1	8	75		600
8	Reading Date	1st Aug-19	II	Slab 2	0	0		0
9	Bi-direction Meter Sl No	BFS 80806	24A	Total Fixed Chrges				600
10	Energy Recorded	(A) Energy Import (B) Energy Export	24B	Charge (Unit X Rate)				
11	Press Rdg	89587	241			Yes		
12	Prev Rdg	87579		i	Slab1	200	6.9	1380
13	Difference (11-12)	2008		ii	Slab2	1482	8.15	12078
14	Meter Constant	1		iii	Slab3	0	0	0
15	Total Engery Import/Export(13X14)	2008		iv	Slab4	0	0	0
16	Net Import(Consumption) Export	2008		24c	Total Energy Charges(i+ii+iii+iv)			13458
17	(15A-15B=Plus /Net Consumption	1682		24D	Tax%9			1211
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.17			286
19	Recorded MD	0		24F	Total Bill (24c+24d+24e+24a)			15555
20	Power Factor	0.995		24g	Power Factor Penalty			
II	SRPTV Meter Details			24H	Arrears HESCOM to Consumer			0
1	SRPTV Meter SLNo	12217763		25	Amount Paid RT			
2	Press Rdg	51579		28	Total Bill (24c-24h)			15555
3	Prev Rdg	50731		29				
4	Difference(2-3)	848		Net Amount to be Paid by Consumer to HESCOM				15555
5	Meter Constant	1						
6	TOTAL	848						

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2	Account ID	A2295		21	Cost Of Purchase			
3	Name And Adress	5416231000		22	Whether the consumer has availed MNRE Subsidy			
4	Mtr.Rdr.Code	The Principal BLDE College R/o Jamkhandi				Without Subsidy	WithSubsidy	
5	Tariff	54006907		23	Gross Amount Payable to Consumer			
6	Sanc Load	LT-2(b)		24	Net Amount to be Paid by Hescom to Consumer			
7	Billing Period	SKW		A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
8	Reading Date	01-09-2019 to 30-09-2019		I	Slab 1	8	75	
9	Bi-direction Meter SI No	1st Sept-19		II	Slab 2	0	0	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24A	Total Fixed Chrges			600
11	Press Rdg	91472		24B				0
12	Prev Rdg		23467	24I	Chargy (Unit X Rate)			
13	Diffrence (11-12)	89587	22876	i	Slab1		Yes	
14	Meter Constant	1885	591	ii	Slab2	200	6.9	
15	Total Engery Import/Export(13X14)	1	1	iii	Slab3	1094	8.15	1380
16	Net Import(Consumption) Export	1885	591	iv	Slab4	0	0	8916
17	(15A-15B=Plus /Net Consumption	1885	591	24c	Total Energy Charges(i+ii+iii+iv)	0	0	0
18	(15B-15A=Plus/Net Expot)		1294	24D	Tax%9			10296
19	Recorded MD	0	0	24E	Fuel Cost 0.17			927
20	Power Factor	0.995	0	24F	Total Bill (24c+24d+24e+24a)			220
II	SRPTV Meter Details	L&G 3PT 5-20amp		24g	Power Factor Penalty			12043
1	SRPTV Meter SLNo	12217763		24H	Arrears HESCOM to Consumer			
2	Press Rdg	52672		25	Amount Plad RT			0
3	Prev Rdg	51579		28	Total Bill (24c-24h)			12043
4	Defference(2-3)	1093		29				
5	Meter Constant	1						
6	TOTAL	1093			Net Amount to be Paid by Consumer to HESCOM			12043

Assistant Accounts Officer
HESCOM Jamkhandi

Coordinator
IQAC

Principal

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O & M Sub-Division HESCOM Jamkhandi

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3) ಅಧ್ಯಕ್ಷರು ವಿ.ಶಿ.ಪಿ.ಎಸ್ ಬಿ.ಎಂ.ಕೆ. ಸಾ. ಶಿವಗೌರಿ.

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FOR ELECTRICITY BILL



Cost Of Purchase

RRNO	A2295	21		
2 Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy (Yes or No)	
3 Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Comsumer	
4 Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer	
5 Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW
6 Sanc Load	5KW			CMC/ ULB IN Rs
7 Billing Period	01-10-2019 to 31-10-2019	I	Slad 1	8
8 Reading Date	1st Oct-19	II	Slad 2	75
9 Bi-direction Meter Sl No	BES 80806	24A	Total Fixed Chrges	0
10 Energy Recorded	(A) Energy Import	(B) Energy Export	Chargy (Unit X Rate)	
11 Press Rdg	93378	23868		
12 Prev Rdg	91472	23467		
13 Diffrence (11-12)	1906	401	i Slab1	200
14 Meter Constant	1	1	ii Slab2	1305
15 Total Engery Import/Export(13X14)	1906	401	iii Slab3	0
16 Net Import(Consumption) Export	1906	401	iv Slab4	0
17 (15A-15B=Plus /Net Consumption)	1505	401	24c Total Energy Charges(i+ii+iii+iv)	12016
18 (15B-15A=Plus/Net Expot)	0	0	24D Tax%9	1081
19 Recorded MD	0	0	24E Fuel Cost 0.16	241
20 Power Factor	0.995		24F Total Bill (24c+24d+24e+24a)	13938
II SRPTV Meter Details	L&G 3PH 5-20amps		24g Power Factor Penalty	
1 SRPTV Meter SLNo	12217763		24H Arrears	12043
2 Press Rdg	53732		25 Amount Piad RT	
3 Prev Rdg	52672		28 Total Bill (24c-24h)	
4 Defference(2-3)	1060		29	
5 Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM	
6 TOTAL	1060		25981	

Without Subsidy	7.08
WithSubidy	6.03
NO	

25981

Village panchayat	Charges
	600
	0
	600

Already paid Less: 12043

13938

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3) ಅಧ್ಯಕ್ಷರು ಪ.ಕ.ಪಿ.ಎಸ್ ಬ್ಯಾಂಕ್ ಸಾ: ಶಿರಗುಪ್ಪಿ

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SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer				NO	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				0	
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW	I	Slad 1	8	75		600	
7	Billing Period	01-11-2019 to 30-11-2019	II	Slad 2	0	0		0	
8	Reading Date	1st Nov-19	24A	Total Fixed Chrges				600	
9	Bi-direction Meter SI No	BES 80806	24B	Chargy (Unit X Rate)					600
0	Energy Recorded	(A) Energy Import	241	i	Slab1	200	Yes		
1	Press Rdg	94812		ii	Slab2	638	6.9	1380	
2	Prev Rdg	93378		iii	Slab3	0	8.15	5200	
3	Diffrence (11-12)	1434		iv	Slab4	0	0	0	
4	Meter Constant	1		24c	Total Energy Charges(i+ii+iii+iv)	0	0	0	
5	Total Engery Import/Export(13X14)	1434		24D	Tax%9			6580	
6	Net Import(Consumption) Export	1434		24E	Fuel Cost 0.16			592	
7	(15A-15B=Plus /Net Consumption)	838		24F	Total Bill (24c+24d+24e+24a)			134	
8	(15B-15A=Plus/Net Expot)	0		24g	Power Factor Penalty			7906	
9	Recorded MD	0		24H	Arrears			0	
0	Power Factor	0.995		25	Amount Piad RT				
1	SRPTV Meter Details	L&G 3PII 5-20amp		28	Total Bill (24c-24h)				
2	SRPTV Meter SLNo	12217763		29					
3	Press Rdg	54789			Net Amount to be Paid by Consumer to HESCOM			7906	
4	Prev Rdg	53732							
5	Defference(2-3)	1057							
6	Meter Constant	1							
7	TOTAL	1057							

[Signature]
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SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)		7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhadi				NO	
4	Mtr.Rdr.Code	54006907	23	Gross Amount Payable to Comsumer		0	
5	Tariff	LT-2(b)	24	Net Amount to be Paid by Hescom to Consumer		15828	
6	Sanc Load	5KW	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
7	Billing Period	01-12-2019 to 31-12-2019	I	Slab 1			
8	Reading Date	1st Dec-19	II	Slab 2	8	75	600
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges	0	0	0
10	Energy Recorded	(A) Energy Import	(B) Energy Export				
11	Press Rdg	97041	24B	Chargy (Unit X Rate)			
12	Prev Rdg	94812	241				
13	Diffrence (11-12)	2229	i	Slab1		Yes	
14	Meter Constant	1	ii	Slab2	200	6.9	1380
15	Total Engery Import/Export(13X14)	2229	iii	Slab3	1514	8.15	12339
16	Net Import(Consumption) Export	2229	iv	Slab4	0	0	0
17	(15A-15B=Plus /Net Consumption		24c	Total Energy Charges(i+ii+iii+iv)	0	0	0
18	(15B-15A=Plus/Net Expot)	1714	24D	Tax%9			13719
19	Recorded MD	0	24E	Fuel Cost 0.16			1235
20	Power Factor	0.995	24F	Total Bill (24c+24d+24e+24a)			274
II	SRPTV Meter Details	L&G 3PTI 5-20amp	24g	Power Factor Penalty			15828
1	SRPTV Meter SLNo	12217763	24H	Arrears			0
2	Press Rdg	56033	25	Amount Piad RT			
3	Prev Rdg	54789	28	Total Bill (24c-24h)			
4	Defference(2-3)	1244	29				
5	Meter Constant	1					
6	TOTAL	1244		Net Amount to be Paid by Consumer to HESCOM			15828

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APPLY COMPANY LIMITED
ION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase					
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes roNo)	Without Subsidy	WithSubsdy			
3	Name And Adress	The Principal BLDE College R/o Jamkhandi			7.08	6.03			NO
4	Mtr.Rdr.Code	54006907	23	Gross Amount Payable to Consumer					
5	Tariff	LT-2(b)	24	Net Amount to be Paid by Hescom to Consumer					0
6	Sanc Load	5KW	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	8645
7	Billing Period	01-01-2020 to 31-01-2020	I	Slab 1					
8	Reading Date	1st JAN-2020	II	Slab 2	8	75			600
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges	0	0			0
10	Energy Recorded	(A) Energy Import	(B) Energy Export						600
11	Press Rdg	99376	26532	24B	Charge (Unit X Rate)				
12	Prev Rdg	97728	25815	i	Slab1		Yes		
13	Difference (11-12)	1648	717	ii	Slab2	200	6.9		1380
14	Meter Constant	1	1	iii	Slab3	731	8.15		5958
15	Total Engery Import/Export(13X14)	1648	717	iv	Slab4	0	0		0
16	Net Import(Consumption) Export	1648	717	24c	Total Energy Charges(i+ii+iii+iv)	0	0		0
17	(15A-15B=Plus /Net Consumption	931		24D	Tax%9				660
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.05				47
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				8645
20	Power Factor	0.995		24g	Power Factor Penalty				
II	S RTPV Meter Details	L&G 3P15-20amp		24H	Arrears				0
1	S RTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	58459		28	Total Bill (24c-24h)				
3	Prev Rdg	57130		29					
4	Defference(2-3)	1329							
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM				8645
6	TOTAL	1329							

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase					Without Subsidy 7.08	With Subsidy 6.03		
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)						NO		
Name And Address	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer						0	
Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer						21783		
tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges				
anc Load	5KW										
Billing Period	01-02-2020 to 29-02-2020	I	Slab 1	8	75			600			
Reading Date	1st FEB-2020	II	Slab 2	0	0			0			
3i-direction Meter SI No	BES 80806	24A	Total Fixed Chrges						600		
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)							
Press Rdg	101391	27113	241		Yes						
Prev Rdg	99376	26532	i	Slab1	200	6.9			1380		
Difference (11-12)	2015	581	ii	Slab2	1234	8.15			10057		
Meter Constant	1	1	iii	Slab3	0	0			0		
Total Engery Import/Export(13X14)	2015	581	iv	Slab4	0	0			0		
Net Import(Consumption) Export	2015	581	24c	Total Energy Charges(i+ii+iii+iv)						11437	
(15A-15B=Plus /Net Consumption	1434		24D	Tax%9						1029	
(15B-15A=Plus/Net Exopt)	0		24E	Fuel Cost 0.05						72	
Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)						13138	
Power Factor	0.995		24g	Power Factor Penalty							
SRTPV Meter Details	L&G 3Ph 5- 30amps		24H	Arrears						8645	
SRTPV Meter SLNo	12217763		25	Amount PAID RT							
Press Rdg	59815		28	Total Bill (24c-24h)							
Prev Rdg	58459		29								
Defference(2-3)	1356										
Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM						21783	
TOTAL	1356										

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O & M Sub-Division HESCOM Jamkhandi

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CITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	With Subsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE subsidy(Yes orNo)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer				0
4	Mtr. Rdr. Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				1698	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	kw	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanct Load	5KW							
7	Billing Period	01-03-2020 to 31-03-2020	I	Slab 1	8	75		600	
8	Reading Date	1st MARCH-2020	II	Slab 2	0	0		0	
9	Bi-direction Meter Sl No	BI-S 80806	24A	Total Fixed Chrges				600	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	102381	27957	241		Yes			
12	Prev Rdg	101391	27113	i	Slab1	146	6.9	1007	
13	Diffrence (11-12)	990	844	ii	Slab2	0	0	0	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	990	844	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	990	844	24c	Total Energy Charges(i+ii+iii+iv)				1007
17	(15A-15B=Plus /Net Consumption		146	24D	Tax%9				91
18	(15B-15A=Plus/Net Expot)		0	24E	Fuel Cost 0.00				0
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				1698
20	Power Factor	0.995		24g	Power Factor Penalty				
!!	SRTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears				0
1	SRTPV Meter SLNo	12217763		25	Amount PAID-RT				
2	Press Rdg	61084		28	Total Bill (24c-24h)				
3	Prev Rdg	59815		29					
4	Defference(2-3)	1269							
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM				1698
	TOTAL	1269							

Assistant Accounts Officer
HESCOM-Jamkhandi

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O & M Sub-Division HESCOM Jamkhandi


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CITY SUPPLY COMPANY LIMITED


GENERATION ELECTRICITY BILL

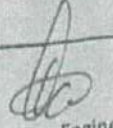


1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	With Subsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Comsumer				NO	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				0	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-05-2020 to 31-05-2020	I	Slab 1	8	75		600	
8	Reading Date	1st MAY-2020	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				1397	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Charge (Unit X Rate)				
11	Press Rdg	102587	27957	241		Yes			
12	Prev Rdg	102481	27957	i	Slab1	106	6.9	731	
13	Difference (11-12)	106	0	ii	Slab2	0	0	0	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Enery Import/Export(13X14)	106	0	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	106	0	24c	Total Energy Charges(i+ii+iii+iv)				731
17	(15A-15B=Plus /Net Consumption	106		24D	Tax%9				66
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.00				0
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				1397
20	Power Factor	0.995		24g	Power Factor Penalty				
II	S RTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears				0
1	S RTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	61090		28	Total Bill (24c-24h)				
3	Prev Rdg	61087		29					
4	Defference(2-3)	3							
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM				1397
	TOTAL	3							


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RRNO	A2295	21	Cost Of Purchase		Without Subsidy	7.08	With Subsidy	6.03
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy (Yes or No)		NO			
Name And Address	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer		0			
Mtr. Rdr. Code	54006907	24	Net Amount to be Paid by Hescom to Consumer		1009			
Tariff	LT-2(b)(i)	A	Fixed/Demand Charges (kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
Sanct Load	5KW						600	
Billing Period	01-06-2020 to 30-06-2020	I	Slab 1	8	75		0	
Reading Date	1st JUNE-2020	II	Slab 2	0	0		600	
Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges					
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chrgy (Unit X Rate)				
Press Rdg	102641	27957	241		Yes		373	
Prev Rdg	102587	27957	i	Slab1	54	6.9		0
Difference (11-12)	54	0	ii	Slab2	0	0		0
Meter Constant	1	1	iii	Slab3	0	0		0
Total Energy Import/Export (13X14)	54	0	iv	Slab4	0	0		373
Net Import (Consumption) Export	54	0	24c	Total Energy Charges (i+ii+iii+iv)			34	
(15A-15B=Plus /Net Consumption)	54		24D	Tax%9			3	
(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.06			1009	
Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			1009	
Power Factor	0.995		24g	Power Factor Penalty				
SRTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears			0	
SRTPV Meter SLNo	12217763		25	Amount PAID RT				
Press Rdg	61094		28	Total Bill (24c-24h)				
Prev Rdg	61090		29					
Defference (2-3)	4							
Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM			1009	
TOTAL	4							

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SUPPLY COMPANY LIMITED
SRTPV GENERATION ELECTRICITY BILL



RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsidy
Account ID	5416231000	22	Whether the consumer has availed MINRE Subsidy(Yes roNo)				7.08	6.03
Name And Address	The Principal BLDE College R/o Jamkhandi						NO	
Mtr. Rdr. Code	54006907	23	Gross Amount Payable to Consumer				0	
Tariff	LT-2(b)(i)	24	Net Amount to be Paid by Hescom to Consumer				1040	
Basic Load	5KW	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
Billing Period	01-07-2020 to 31-07-2020	I	Slab 1	8	75		600	
Reading Date	1st July-2020	II	Slab 2	0	0		0	
Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				600	
Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
Press Rdg	102699	27957	241		Yes			
Prev Rdg	102641	27957	i	Slab1	58	6.9	400	
Difference (11-12)	58	0	ii	Slab2	0	0	0	
Meter Constant	1	1	iii	Slab3	0	0	0	
Total Engery Import/Export(13X14)	58	0	iv	Slab4	0	0	0	
Net Import(Consumption) Export	58	0	24c	Total Energy Charges(i+ii+iii+iv)				400
(15A-15B=Plus /Net Consumption		58	24D	Tax%9				36
((15B-15A=Plus/Net Expot)		0	24E	Fuel Cost 0.06				3
Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				1040
Power Factor	0.995		24g	Power Factor Penalty				
SRTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears				0
SRTPV Meter SLNO	12217763		25	Amount PAID RT				
Press Rdg	61096		28	Total Bill (24c-24h)				
Prev Rdg	61094		29					
Difference(2-3)	2		Net Amount to be Paid by Consumer to HESCOM				1040	
Meter Constant	1							
TOTAL								

[Signature]
Assistant Accounts Officer
HESCOM-Jamkhandi

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B.L.D.E. Association's
Commerce, B.S. Arts & T.G.P. Science College, Jamkhandi
24/8/2020

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JAMKHANDI, Dist. Bagalkot

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Asst Exe Engineer(Ele)
O & M Sub-Division HESCOM Jamkhandi

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

S RTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	7.08	WithSubsidy	6.03
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)			NO			
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer			0		
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer			1352			
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges		
6	Sanc Load	5KW								
7	Billing Period	01-04-2020 to 30-04-2020	I	Slab 1	8	75			600	
8	Reading Date	1st April-2020	II	Slab 2	0	0			0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges					600	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)					
11	Press Rdg	102481	27957	241		Yes				
12	Prev Rdg	102381	27957	i	Slab1	100	6.9		690	
13	Difference (11-12)	100	0	ii	Slab2	0	0		0	
14	Meter Constant	1	1	iii	Slab3	0	0		0	
15	Total Engery Import/Export(13X14)	100	0	iv	Slab4	0	0		0	
16	Net Import(Consumption) Export	100	0	24c	Total Energy Charges(i+ii+iii+iv)				690	
17	(15A-15B=Plus /Net Consumption	100		24D	Tax%9				62	
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.00				0	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				1352	
20	Power Factor	0.995		24g	Power Factor Penalty					
II	S RTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears				0	
1	S RTPV Meter SLNo	12217763		25	Amount PAID RT					
2	Press Rdg	61087		28	Total Bill (24c-24h)					
3	Prev Rdg	61083		29						
4	Defference(2-3)	4								
5	Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM				1352		
6	TOTAL	4								

[Signature]
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Asst Exe Engineer(Ele)
& M Sub-Division HESCOM Jamkhandi

1	RRN		
2	Account ID		
3	Name And Adress		
4	Mtr.Rdr.Code		
5	Tariff		
6	Sanc Load		
7	Billing Period		
8	Reading Date		
9	Bi-direction Meter Sl		
10	Energy Recorded		
11	Press Rdg	102381	27957
12	Prev Rdg	101391	27113
13	Difference (11-12)	990	844
14	Meter Constant	1	1
15	Total Engery Import/Export(13X14)	990	844
16	Net Import(Consumption) Export	990	844
17	(15A-15B=Plus /Net Consumption	146	
18	(15B-15A=Plus/Net Expot)	0	
19	Recorded MD	0	0
20	Power Factor	0.995	
ii	S RTPV Meter Details	L&G 3Ph 5-30amps	
1	S RTPV Meter SLNo	12217763	
2	Press Rdg	61084	
3	Prev Rdg	59815	
4	Defference(2-3)	1269	
5	Meter Constant	1	
6	TOTAL	1269	

ಕೂಬ್ಬಳ್ಳಿ, ವಿಜಯ ನಗರ ಸರಬರಾಜು ಕಂಪನಿ

**CUSTOMER COPY
CASH RECEIPT(ATPM)**

Sub Division : 540069 Jamkhandi Sub
 ATP RIOSK No : 43 - SHIROL
 Customer Name : KRINCHIAI
 RRNumber-Tariff : A2295
 Acc/Connection ID : 5416231000
 Receipt Number : 2043030218
 Receipt Type : Revenue
 Payment Mode : CH 622791-010620
 Receipt Date : 01-06-2020 15:48
 Amt Paid in Rs : 3050.00
 Amt Paid in Words : Rupees Three Thousand and Fifty Only.

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CITY SUPPLY COMPANY LIMITED

/ GENERATION ELECTRICITY BILL



21	Cost Of Purchase	Without Subsidy	7.08	WithSubsidy	6.03
22	Whether the consumer has availed MNRE Subsiby(Yes roNo)	NO			
23	Gross Amount Payable to Consumer	0			
24	Net Amount to be Paid by Hescom to Consumer	1698			
A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
I	Slab 1	8	75		600
II	Slab 2	0	0		0
24A	Total Fixed Chrges				600
24B	Chargy (Unit X Rate)				
241			Yes		
i	Slab1	146	6.9		1007
ii	Slab2	0	0		0
iii	Slab3	0	0		0
iv	Slab4	0	0		0
24c	Total Energy Charges(i+ii+iii+iv)				1007
24D	Tax%9				91
24E	Fuel Cost 0.00				0
24F	Total Bill (24c+24d+24e+24a)				1698
24g	Power Factor Penalty				
24H	Arrears				0
25	Amount PAID RT				
28	Total Bill (24c-24h)				
29					
Net Amount to be Paid by Consumer to HESCOM					1698

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED


SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsidy
							7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)				NO	
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Comsumer				0	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				1009	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-06-2020 to 30-06-2020	I	Slab 1	8	75		600	
8	Reading Date	1st JUNE-2020	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				600	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	102641	27957	241		Yes			
12	Prev Rdg	102587	27957	i	Slab1	54	6.9	373	
13	Diffrence (11-12)	54	0	ii	Slab2	0	0	0	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	54	0	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	54	0	24c	Total Energy Charges(i+ii+iii+iv)			373	
17	(15A-15B=Plus /Net Consumption	54		24D	Tax%9			34	
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.06			3	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			1009	
20	Power Factor	0.995		24g	Power Factor Penalty				
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears			0	
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	61094		28	Total Bill (24c-24h)				
3	Prev Rdg	61090		29					
4	Defference(2-3)	4							
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM			1009	
6	TOTAL	4							


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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsi dy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer				0	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				1040	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-07-2020 to 31-07-2020	I	Slab 1	8	75		600	
8	Reading Date	1st July-2020	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				600	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Charge (Unit X Rate)				
11	Press Rdg	102699	27957	241		Yes			
12	Prev Rdg	102641	27957	i	Slab1	58	6.9	400	
13	Diffrence (11-12)	58	0	ii	Slab2	0	0	0	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	58	0	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	58	0	24c	Total Energy Charges(i+ii+iii+iv)			400	
17	(15A-15B=Plus /Net Consumption	58		24D	Tax%9			36	
18	(15B-15A=Plus/Net Expot)	0		24E	Fuel Cost 0.06			3	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			1040	
20	Power Factor	0.995		24g	Power Factor Penalty				
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears			0	
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	61096		28	Total Bill (24c-24h)				
3	Prev Rdg	61094		29					
4	Defference(2-3)	2							
5	Meter Constant	1							
6	TOTAL				Net Amount to be Paid by Consumer to HESCOM			1040	

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	WithSubsidy
						7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)			NO	
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Comsumer(18*21)			8446
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer			7686	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6	Sanc Load	5KW						
7	Billing Period	01-11-2020 to 30-11-2020	I	Slab 1	8	85		680
8	Reading Date	Dec-20	II	Slab 2	0	0		0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				680
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)			
11	Press Rdg	102872	32053	241		Yes		
12	Prev Rdg	102829	30817	i	Slab1	0	0	0
13	Difference (11-12)	43	1236	ii	Slab2	0	0	0
14	Meter Constant	1	1	iii	Slab3	0	0	0
15	Total Engery Import/Export(13X14)	43	1236	iv	Slab4	0	0	0
16	Net Import(Consumption) Export	43	1236	24c	Total Energy Charges(=ii+iii+iv)			0
17	(15A-15B=Plus /Net Consumption	0		24D	Tax%9			0
18	(15B-15A=Plus/Net Export)	1193		24E	Fuel Cost 0.06			0
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			7766
20	Power Factor	0.995		24g	Power Factor Penalty			
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H	as per new tariff commensed on 01-11-2020. The difference FC and EC raised			80
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT			
2	Press Rdg	0		28	Total Bill (24c-24h)			7686
3	Prev Rdg	62982		29				
4	Defference(2-3)	-62982						
5	Meter Constant	1			Net Amount to be Paid by HESCOM to Consumer			7686
6	TOTAL	62982						

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase	Without Subsidy	WithSubsidy
					7.08	6.03
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)		
				NO		
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer(18*21)		4460
				Net Amount to be Paid by Hescom to Consumer		3780
4	Mtr.Rdr.Code	54006907	24			
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs
6	Sanc Load	5KW				Village panchayat
7	Billing Period	01-12-2020 to 31-12-2020	I	Slab 1	8	85
8	Reading Date	Jan-21	II	Slab 2	0	0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges		680
10	Energy Recorded	(A) Energy Import	(B) Energy Export	Chargy (Unit X Rate)		
11	Press Rdg	103212	33023	24B		Yes
12	Prev Rdg	102872	32053	i	0	0
13	Diffrnce (11-12)	340	970	ii	0	0
14	Meter Constant	1	1	iii	0	0
15	Total Engery Import/Export(13X14)	340	970	iv	0	0
16	Net Import(Consumption) Export	340	970	24c	Total Energy Charges(i+ii+iii+iv)	
17	(15A-15B=Plus./Net Consumption	0		24D	Tax%9	
18	(15B-15A=Plus./Net Export)	630		24E	Fuel Cost 0.06	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)	
20	Power Factor	0.995		24G	Power Factor Penalty	
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H		
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT	
2	Press Rdg	66423		28	Total Bill (24c-24h)	
3	Prev Rdg	65285		29		
4	Defference(2-3)	1138			Net Amount to be Paid by HESCOM to Consumer	
5	Meter Constant	1				
6	TOTAL	1138			3780	

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	With Subsidy
						7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)				NO
3	Name And Address	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer(18*21)			
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by HescoM to Consumer				7387
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6	Sanc Load	5KW						
7	Billing Period	01-1-2021 to 31-1-2021	I	Slab 1	8	85		680
8	Reading Date	Feb 21	II	Slab 2	0	0		0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				680
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Charge (Unit X Rate)			
11	Press Rdg	104574	33626	241		Yes		
12	Prev Rdg	103212	33023	i	Slab1	200	7.15	1430
13	Diffrence (11-12)	1362	603	ii	Slab2	559	8.4	4696
14	Meter Constant	1	1	iii	Slab3	0	0	0
15	Total Enery Import/Export(13X14)	1362	603	iv	Slab4	0	0	0
16	Net Import(Consumption) Export	1362	603	24c	Total Energy Charges(i+ii+iii+iv)			6126
17	(15A-15B=Plus/Net Consumption	759		24D	Tax%9			551
18	(15B-15A=Plus/Net Import)	759		24E	Fuel Cost 0.06			30
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			7387
20	Power Factor	0.995		24g	Power Factor Penalty			
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H				
1	SRTPV Meter SLNo	12217763	25	Amount PAID RT				
2	Press Rdg	66423	28	Total Bill (24c-24h)				7387
3	Prev Rdg	66423	29					
4	Defference(2-3)	0						
5	Meter Constant	1		Net Amount to be Paid by Consumer to HESCO M				7387
6	TOTAL	0						

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Assistant Accounts Officer
HESCO M-Jamkhandi

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19/2/21

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IQAC

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B.L.D.E. Association's

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Asst Exe Engineer(Ele)
O & M Sub-Division HESCO M Jamkhandi

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	WithSubsidy	
							7.08	6.03	
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)		NO			
3	Name And Address	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer(18+21)				
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				12666	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanct Load	5KW							
7	Billing Period	01-2-2021 to 28-2-2021	I	Slab 1	8	85		680	
8	Reading Date	Mar-21	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				680	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	106538	34257	241		Yes			
12	Prev Rdg	104574	33626	i	Slab1	200	7.15	1430	
13	Difference (11-12)	1964	631	ii	Slab2	1133	8.4	9517	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	1964	631	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	1964	631	24c	Total Energy Charges(i+ii+iii+iv)			10947	
17	(15A-15B=Plus /Net Consumption	1333		24D	Tax%9			985	
18	(15B-15A=Plus/Net Import)	1333		24E	Fuel Cost 0.06			53	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			12666	
20	Power Factor	0.995		24g	Power Factor Penalty				
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H					
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	68939		28	Total Bill (24c-24h)			12666	
3	Prev Rdg	67520		29					
4	Defference(2-3)	1419							
5	Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM				12666	
6	TOTAL								

R. Babu
Assistant Accounts Officer
HESCOM-Jamkhandi

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Comsumer(18*21)				NO	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				20321	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-3-2021 to 31-3-2021	I	Slab 1	8	85		680	
8	Reading Date	Apr-21	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				680	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	109048	34605	241			Yes		
12	Prev Rdg	106538	34257	i	Slab1	200	7.2	1440	
13	Difference (11-12)	2510	348	ii	Slab2	1962	8.45	16579	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	2510	348	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	2510	348	24c	Total Energy Charges(i+ii+iii+iv)				
17	(15A-15B=Plus /Net Consumption	2162		24D	Tax%9				
18	(15B-15A=Plus/Net Import)	2162		24E	Fuel Cost 0.00				
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				
20	Power Factor	0.995		24g	Power Factor Penalty				
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H					
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	70368		28	Total Bill (24c-24h)				
3	Prev Rdg	68939		29					
4	Defference(2-3)	1429							
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM				
6	TOTAL	1429			20321				

M. Subudhi
Assistant Accounts Officer
HESCOM-Jamkhandi

Coordinator
IQAC
BLDE Association's

PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science Coll. & M Sub-Division HESCOM Jamkhandi
JAMKHANDI-587301.

[Signature]
Asst Exe Engineer(Ele)
M Sub-Division HESCOM Jamkhandi

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase		Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes roNo)		7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi		23	Gross Amount Payable to Consumer(18*21)	163	
4	Mtr-Rdtr Code	54006907	24	Net Amount to be Paid by Hescom to Consumer		517	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat Charges
6	Sanc Load	5KW					
7	Billing Period	01-4-2021 to 31-4-2021	I	Slab 1	8	85	680
8	Reading Date	May-21	II	Slab 2	0	0	0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges			680
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)		
11	Press Rdg	109911	35491	241		Yes	
12	Prev Rdg	109048	34605	i	Slab1	0	0
13	Difference (11-12)	863	886	ii	Slab2	0	0
14	Meter Constant	1	1	iii	Slab3	0	0
15	Total Engery Import/Export(13X14)	863	886	iv	Slab4	0	0
16	Net Import(Consumption) Export	863	886	24c	Total Energy Charges(i+ii+iii+iv)		0
17	(15A-15B=Plus /Net Consumption	23		24D	Tax%9		0
18	(15B-15A=Plus/Net Import)	23		24E	Fuel Cost 0.00		0
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)		517
20	Power Factor	0.995		24g	Power Factor Penalty		
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H			
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT		
2	Press Rdg	71649		28	Total Bill (24c-24h)		517
3	Prev Rdg	70368		29			
4	Defference(2-3)	1281					
5	Meter Constant	1			Net Amount to be Paid by Consumer to HESCOM		517
6	TOTAL	1281					

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Assistant Accounts Officer
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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsiby(Yes r/nb)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi						NO	
4	Mtr.Rdr.Code	54006907	23	Gross Amount Payable to Comsumer(18*21)				8581	
			24	Net Amount to be Paid by Hescm to Consumer				7781	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-5-2021 to 31-5-2021	I	Slab 1	8	100		800	
8	Reading Date	Jun-21	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				800	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	109921	36713	241		Yes			
12	Prev Rdg	109911	35491	i	Slab1	0	0	0	
13	Difference (11-12)	10	1222	ii	Slab2	0	0	0	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	10	1222	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	10	1222	24c	Total Energy Charges(i+ii+iii+iv)				
17	(15A-15B=Plus /Net Consumption	1212		24D	Tax%9				
18	(15B-15A=Plus/Net Import)	1212		24E	Fuel Cost 0.00				
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				
20	Power Factor	0.995		24g	Power Factor Penalty				
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H					
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT				
2	Press Rdg	72886		28	Total Bill (24c-24h)				
3	Prev Rdg	71649		29					
4	Defference(2-3)	1237							
5	Meter Constant	1			Net Amount to be Paid by HESCOM to Consumer				
6	TOTAL	1237			7781				

[Signature]
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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase				Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes/No)				7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi	23	Gross Amount Payable to Consumer(18*21)				7101	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescom to Consumer				6743	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges	
6	Sanc Load	5KW							
7	Billing Period	01-6-2021 to 30-6-2021	I	Slab 1	8	100		800	
8	Reading Date	Jul-21	II	Slab 2	0	0		0	
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				800	
10	Energy Recorded	(A) Energy Import	(B) Energy Export	24B	Chargy (Unit X Rate)				
11	Press Rdg	109939	37734	241		Yes			
12	Prev Rdg	109921	36713	i	Slab1	0	0	0	
13	Diffrence (11-12)	18	1021	ii	Slab2	0	0	0	
14	Meter Constant	1	1	iii	Slab3	0	0	0	
15	Total Engery Import/Export(13X14)	18	1021	iv	Slab4	0	0	0	
16	Net Import(Consumption) Export	18	1021	24c	Total Energy Charges(i+ii+iii+iv)				
17	{15A-15B=Plus /Net Consumption	1003	24D	Tax%9				0	
18	{15B-15A=Plus/Net Import)	1003	24E	Fuel Cost (-.44)				-441	
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)				6743
20	Power Factor	0.995	24g	Power Factor Penalty					
II	SRTPV Meter Details	L&G 3Ph 5-30amps	24H						
1	SRTPV Meter SLNo	12217763	25	Amount PAID RT					
2	Press Rdg	73926	28	Total Bill (24c-24h)				6743	
3	Prev Rdg	72886	29						
4	Defference(2-3)	1040							
5	Meter Constant	1		Net Amount to be Paid by HESCOM to Consumer				6743	
6	TOTAL	1040							

M. Mediswaji
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Asst Exe Engineer(Ele)
& M Sub-Division HESCOM Jamkhandi

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

SRTPV GENERATION ELECTRICITY BILL



1	RRNO	A2295	21	Cost Of Purchase			Without Subsidy	WithSubsidy
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes orNo)			7.08	6.03
3	Name And Adress	The Principal BLDE College R/o Jamkhandi					NO	
4	Mtr.Rdr.Code	54006907	24	Net Amount to be Paid by Hescocom to Consumer			1605	
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges
6	Sanc Load	5KW						
7	Billing Period	01-7-2021 to 31-7-2021	I	Slab 1	8	100		800
8	Reading Date	Aug-21	II	Slab 2	0	0		0
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				800
10	Energy Recorded	(A) Energy Import	(B) Energy Export	Chargy (Unit X Rate)				
11	Press Rdg	110321	38518	Chargy (Unit X Rate)				
12	Prev Rdg	109939	37734	i	Slab1	0	Yes	0
13	Diffrence (11-12)	382	784	ii	Slab2	0		0
14	Meter Constant	1	1	iii	Slab3	0		0
15	Total Engery Import/Export(13X14)	382	784	iv	Slab4	0		0
16	Net Import(Consumption) Export	382	784	24c	Total Energy Charges(i+ii+iii+iv)			0
17	(15A-15B=Plus /Net Consumption	402		24D	Tax%9			0
18	(15B-15A=Plus/Net Import)	402		24E	Fuel Cost (-.44)			
19	Recorded MD	0	0	24F	Total Bill (24c+24d+24e+24a)			2046
20	Power Factor	0.995		24g	Power Factor Penalty			
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H	short claim			441
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT			
2	Press Rdg	74908		28	Total Bill (24c-24h)			1605
3	Prev Rdg	73926		29				
4	Defference(2-3)	982						
5	Meter Constant	1		Net Amount to be Paid by HESCOM to Consumer				1605
6	TOTAL	982						

[Signature]
Assistant Accounts Officer
HESCOM-Jamkhandi

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O & M Sub-Division HESCOM Jamkhandi



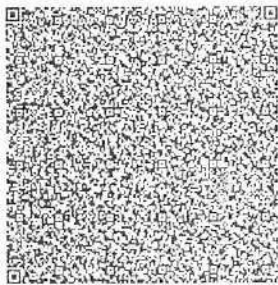
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INDIA NON JUDICIAL Government of Karnataka

e-Stamp



Certificate No.	: IN-KA77782919169151N
Certificate Issued Date	: 30-Dec-2015 11:29 AM
Account Reference	: NONACC (FI)/ kaksfci08/ BAGALKOT/ KA-BG
Unique Doc. Reference	: SUBIN-KAKAKSFCL0804331451083458N
Purchased by	: PRINCIPAL BHS ARTS COM TGP SCIENCE COLLEGE
Description of Document	: Article 12 Bond
Description	: POWER PURCHASE AGREEMENT
Consideration Price (Rs.)	: 0 (Zero)
First Party	: HESCOM
Second Party	: PRINCIPAL BHS ARTS COM TGP SCIENCE COLLEGE
Stamp Duty Paid By	: PRINCIPAL BHS ARTS COM TGP SCIENCE COLLEGE
Stamp Duty Amount(Rs.)	: 200 (Two Hundred only)



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POWER PURCHASE AGREEMENT FOR ROOFTOP SOLAR PV PLANTS WITH NET METERING ARRANGEMENT

This Power Purchase agreement is entered into at (place) **Jamkhandi Division** on this **31st** day of **December '2015** between Hubli Electricity Supply Company Limited (HESCOM), a Government of Karnataka undertaking, a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at Navanagar, Hubli-580025, Karnataka State, hereinafter referred to as

PRINCIPAL

**B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,**

No. of Corrections
34/12

Notary Alert: PRINCIPAL
Karnataka Electricity Regulatory Commission, Bagalkot

1. The onus of checking the legitimacy is on the part of the certificate.
2. The onus of checking the legitimacy is on the part of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

JAMKHANDI-587301

The "HESCOM", (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the first part represented by Asst. Executive Engineer

AND

Principal BHS Arts COM TGP SCIENCE COLLEGE the consumer of HESCOM residing at **JAMKHANDI - 587301**, hereinafter referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the second party.



Whereas,

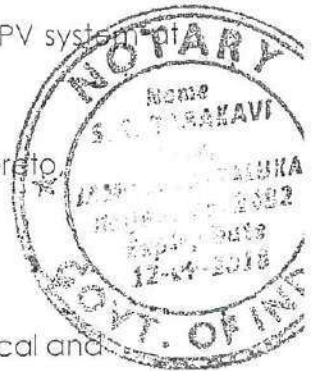
- a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with HESCOM's HT/LT Distribution system for sale of Solar Power to HESCOM in terms of the Karnataka Electricity Regulatory Commission (KERC) Order No. S/03/01/2013 dated: 10.10.2013 or as amended from time to time.
- b. The Seller intends to install/has installed a SRTPV system of **10 kWp** capacity on the roof top of the premises situated at **2nd Floor Roof** and connected to electricity service connection bearing number **(RR. No) A2295** in the same premises under **JAMKHANDI Division** of HESCOM.
- c. The Seller intends to sell net energy exported from the SRTPV system to HESCOM as recorded in the bi-directional meter installed in the seller's premises, from the date of commissioning of the SRTPV system.
- d. HESCOM intends to purchase net energy exported by such SRTPV system at the tariff determined by the KERC.

Now therefore, in consideration of the foregoing premises the parties hereto intending to be legally bound hereby agree as under:

1. Technical and Interconnection Requirements:

Seller shall ensure his SRTPV system complies with the following technical and interconnection requirement and shall:

- 1.1 Comply with the standards and conditions in respect of integrating the SRTPV system with the grid/distribution system.
- 1.2 **Connect the SRTPV system to HESCOM's distribution system and shall be bound by requirements of State Grid and distribution Code as amended from time to time.**
- 1.3 Install, prior to connection of SRTPV system to HESCOM's distribution system, an inverter with an automatic inbuilt isolation devise.



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[Signature]
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Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301



- 1.4 Provide external manual isolation mechanism with suitable locking facility that SRTPV system will not back-feed into the HESCOM's network in case of power outage of the HESCOM's distribution system, and it shall be accessible for HESCOM to operate, if required, during maintenance / emergency conditions.
- 1.5 Install all the equipment of SRTPV system compliant with relevant International (IEEE/IEC) and Indian standards (BIS).
- 1.6 SRTPV system shall be designed, engineered and constructed and operated by the seller or on his behalf with reasonable diligence subject to all applicable Indian laws, rules, Regulations as amended from time to time and orders having the force of law.
- 1.7 Adhere to the following power quality measures as per the International and Indian standards and/or such other measures stipulated by KERC/HESCOM:
 - a. Harmonic current: Harmonic current injections from a generation unit shall not exceed the limits specified in IEEE 519.
 - b. Voltage at the injection point should be in the operating range of 80% to 110% of the nominal connected voltage.
 - c. Flicker: Operation of Photovoltaic system shouldn't cause voltage flicker in excess of the limits stated in the relevant sections of IEC standards or other equivalent Indian standards, if any.
 - d. Frequency: When the Distribution system frequency deviates outside the specified conditions (50.05 Hz on upper side and 47.5 Hz on lower side), the SRTPV system shall shift to island mode.
 - e. DC Injection: Photovoltaic system should not inject DC power more than 0.5% of full rated output at the interconnection point or 1% of rated inverter output current into distribution system under any operating conditions.
 - f. Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9 shall be maintained.
- 1.8 The SRTPV system in the event of voltage or frequency variations must island/disconnect itself as per IEC standards within the stipulated period.

2. Safety:

The seller shall comply with the following safety measures:

- 2.1 The seller shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations 2010.
- 2.2 The seller shall ensure that, the design, installation, maintenance and operation of the SRTPV system are in a manner conducive to the safety of the SRTPV system as well as the HESCOM's distribution system.
- 2.3 If the Seller's SRTPV system either causes damage to and/or produces adverse effects on the other consumers' or HESCOM's assets, Seller will disconnect SRTPV



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Karnataka Electricity Regulatory Commission

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JAMKHANDI, Dist. Raichur

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system immediately from the distribution system by himself or upon direction from the HESCOM and rectify the same at his own cost before reconnection.

3. Clearances and Approvals

The Seller shall obtain HESCOM's and other statutory approvals and clearances before connecting the SRTPV system to the distribution system.

4. Access and Disconnection

4.1 HESCOM shall have access to metering equipment and disconnecting device of SRTPV system, both automatic and manual, at all times.

4.2 In emergency or outage situation, where there is no access to a disconnecting device either automatic or manual, the HESCOM shall have the right to disconnect power supply to the premise.

5. Liabilities

The Seller shall be solely responsible for availing any fiscal or other incentive provided by the State/ Central government, at his own expenses.

6. Commercial Settlement-

6.1 Tariff:

- The HESCOM shall pay for the net metered energy at **Rs. Rs.9.56/-** Per KWh (**Rupees Nine and paise fifty six only**) as determined by the KERC for the term of the agreement.
- The Seller shall pay the Electricity tax and other statutory levies, pertaining to SRTPV generation, as may be levied from time to time.
- The seller shall not have any claim for compensation, if the Solar power generated by his SRTPV system could not be absorbed by the distribution system due to failure of power supply in the grid/ distribution system for the reasons, such as line clear, load shedding and line faults, whatsoever.

7. Metering:

7.1 The parties shall arrange to shift the existing meter to the generation side of SRTPV to measure solar power generation and install Bi-directional meter (whole current/CT operated) for recording export and import of energy at the point of interconnection to the distribution system. The bi directional meter shall comply with the Central Electricity Authority (Installation and operation of meters) Regulations, 2006 and shall have the following features:

- Separate registers for recording export and import energy with facility to download by Meter Reading Instrument (MRI).
- kVA, kW and KVAR measuring registers for both import and export
- Meter shall have RS232 (or higher) communication optical port / Radio

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31/10/2014
Notary


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Frequency (RF) port to support Automatic Meter Reading (AMR).

7.2 The seller shall install the meter of SRTPV system and bi directional meter in separate meter boxes in the same proximity or at a suitable place in the premises accessible for the purpose of recording the reading whenever necessary.

8. BILLING AND PAYMENT:

8.1 HESCOM shall issue monthly electricity bill for the net metered energy on the scheduled date of meter reading.

8.2 In case, the exported energy is more than the imported energy, HESCOM shall pay for the net energy exported as per Tariff agreed in this agreement within 30 days of issue of bills duly adjusting the fixed charges and electricity duty if any.

8.3 In case, the exported energy is less than the imported energy, the seller shall pay HESCOM for the net imported energy as per the prevailing retail supply tariff determined by the Commission from time to time.

8.4 HESCOM shall pay interest at the same rates as is being levied on the consumers for late payment charges in case of any delay in payment for the net energy exported beyond 30 (thirty) days period from the date of issue of bill.

Explanation: Net metered energy means the difference of meter readings of energy injected by the SRTPV system into the grid (export) and the energy drawn from the grid for use by the seller (import) recorded in the bi-directional meter.

9. Term and Termination of the Agreement

9.1 This agreement shall be in force for a period of 25 years from the date of commissioning of the SRTPV system unless terminated otherwise as provided here under.

9.2 The Seller shall have the right to terminate this agreement at any time by serving a written notice 60 (sixty) days in advance to HESCOM.

9.3 if the Seller commits any breach of the terms of the Agreement, HESCOM shall serve a written notice specifying the breach and calling upon the seller to remedy/ rectify the same within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period from the delivery of the notice,

No. of Corrections
31/12
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[Signature]

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JAMKHANDI 587301**



HESCOM may terminate the agreement by delivering the termination notice, if the seller fails to remedy/ rectify.

9.4 Upon termination of this Agreement, seller shall disconnect the SRTPV system from the distribution system and intimate the same to HESCOM.

10. Dispute Resolution:

All the disputes between the parties arising out of or in connection with this agreement shall be first tried to be settled through mutual negotiation.

The parties shall resolve the dispute in good faith and in equitable manner.

In case of failure to resolve the dispute, either of the parties may approach the appropriate Forum of law.

IN WITNESS WHEREOF, the Seller and the HESCOM have entered into this Agreement executed on the date and year first set forth above.

<p>For AND ON BEHALF OF Hubli Electricity Supply Company Limited</p> <p>Designation: Asst. Executive Engineer</p> <p>Address : OM Division, HESCOM -Division, JAMKHANDI - 587301.</p> <p><i>[Signature]</i></p> <p>ಸಾರ್ವಜನಿಕ ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ (ಬಿ) ತಾಂತ್ರಿಕ ಸಹಾಯಕರರ ವಿಭಾಗ ಹಿ. ವಿ. ಸಿ. ಉ. ವಿ. ಜಂಕಂಡಿ.</p>	<p>For AND ON BEHALF OF SELLER</p> <p>By: Principal BHS Arts COM TGP SCIENCE COLLEGE RR No: A 2295</p> <p><i>[Signature]</i></p> <p>PRINCIPAL Com. B.H.S. Arts & T.G.P. Sc. College Address: JAMKHANDI, 587301 JAMKHANDI, Dist. Dabalkot</p>
<p>WITNESS In Presence of</p> <p><i>[Signature]</i> Technical Assistant O. & M Sub - Division HESCOM, Jamkhandi</p> <p>Name: B.P. Pottaraj Designation: Asst. Engineer-Technical</p>	<p>WITNESS In Presence of</p> <p>Name: UMAKANT JANKAR M/s SOLAR CORONA ENERGY PVT LTD.</p> <p><i>[Signature]</i></p> <p>Solar Corona Energy Private Limited # 36/1, 2nd Main, 1st Cross, Chinnappa Layout, Kempapura, Hebbal, Bangalore - 560-024</p>
<p>WITNESS In Presence of</p> <p><i>[Signature]</i></p> <p>Name: DAYANAND KOLUR Designation: AECER</p>	<p>WITNESS For, PARAM SOLARS</p> <p>In Presence of <i>[Signature]</i></p> <p>Name: Nilesh M. H. Desai PARAM SOLARS, A.G.Desai Circle, Jamkhandi.</p>



SWORN TO BEFORE ME



NOTARY STAMPS
NOT SUPPLIED
HENCE NOT
VALID

[Signature] S. Rabakavi
B.A.L.L. 1981
ADVOCATE & NOTARY
GOVT. OF INDIA
JAMKHANDI - 587301

Work Completion Report

(To be submitted by the applicant)



To,

The Assistant Executive Engineer (Ele) /the Executive Engineer (Ele),
C, O & M, Sub-division
 C, O & M, Division

Sir/Madam,

Sub: Submission of work completion report (to be submitted by the applicant) for System documentation requirements.

Ref: Your Application No.: dtd:.....

With reference to the above, I would like to submit the following Basic information of my SRTPV System for your kind needful and request for arranging to Inspect and Commission at the earliest:

A. Facilitation fee paid details:

1.	Facilitation fee in Rs.	2000/-
2.	Receipt no.	541623138330
3.	Date	31/12/2015

B. Solar PV module

4.	Model No.	Diamond Mono
5.	Total Capacity in kWp	10kWp
6.	Make	EMMVEE
7.	No. of Modules	40 no's
5	Capacity of each Module in kWp	250Wp

C. Inverter

1.	Model No.	RPI03FA0E1000
2.	Serial No.	O1M15901145WF
3.	Capacity	10KW
4.	Make	DELTA
5.	No. of inverters	01

D. Cables: DC

1	Make	POLYCAB
2	Size & Type	1 Core 6 sq.mm

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E. AC wiring

1	Make	POLYCAB
2	Size & Type	4 core 6 sq.mm

F. DC distribution box

1	Make	SCEPL
2	SL.NO.	SCEPL/EAPL/15
3	3 DC Surge Protection Device	YES
4	MCB / Isolator quantity & capacity	YES

G. AC distribution box

1	Make	SCEPL
2	Sl. No.	SCEPL/EAPL/15
3	AC Surge Protection Device	YES
4	MCB / MCCB quantity & capacity	YES

H. Earthing

1	Earth resistance (less than 5 ohms)	YES
2	Size of the Earth flat (3 x 70 sq.mm galvanic iron flat)	(3 X 70)sq.mm
3	Three separate earthing points	1. Modules & DC Surge arrester: YES 2. Inverter & AC Surge arrester: YES 3. Lightening Arrester: YES

I. Bi-directional meter details (please enclose the test report of bi-directional meter tested at MT division, HESCOM)

1	Serial No.	BES80807
2	Make	SECURE
3	Capacity	5kw
4	Single ph. /Three ph.	Three Phase
5	CT's capacity	NILL
6	CT Ratio	NILL
7	Date of Test by MT,HESCOM	

B. Patel

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j. Caution signs

Size of the caution label: 105 mm width X 20 mm height, with white letters on a red background

1	Panels	YES
2	Inverters	YES
3	DC/ AC distribution box	YES

k. Provision of manual and automatic switch : Yes / No

L. G.P.S. Co-ordinates of the SRTPV Installation

(i) Latitude:16.50999

(ii) Longitude:75.545

M. Whether Operation and Maintenance information:

Such as Do's and Don'ts are provided by the System Installer: Yes*/ No*.

* Please strike out which is not applicable.

Certified that the above said SRPTV system was installed by me and the equipment used, comply with the Technical and Safety standards as specified by HESCOM.

Signature of the Applicant
Name and Address
Name: The Principal, B.L.D.E. Association
Commerce BHS Arts & TGP Science College.

Date: _____



Name and Signature of the System
Installer with Seal

Name of the firm and address:

M/s.Solar Corona Energy Pvt Ltd.
Solar Corona Energy Private Limited
36/1, 2nd Main, 1st Cross,
Chinnappa Layout, Kempapura,
Habbal, Bangalore - 560-024

Date: _____

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The "HESCOM", (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the first part represented by **Asst. Executive Engineer**

AND

Subhash.B.Panalkar the consumer of HESCOM residing at **Near P.B.Highschool, JAMKHANDI - 587301**, hereinafter referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the second party.

Whereas,

- a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with HESCOM's HT/LT Distribution system for sale of Solar Power to HESCOM in terms of the Karnataka Electricity Regulatory Commission (KERC) Order No. S/03/01/2013 dated: 10.10.2013 or as amended from time to time.
- b. The Seller intends to install/has installed a SRTPV system of 499 kWp capacity on the roof top of the premises situated at **1st Floor Roof** and connected to electricity service connection bearing number (RR. No) _____ in the same premises under **S-1 JAMKHANDI** Sub-Division of HESCOM code - 8353.
- c. The Seller intends to sell net energy exported from the SRTPV system to HESCOM as recorded in the bi-directional meter installed in the seller's premises, from the date of commissioning of the SRTPV system.
- d. HESCOM intends to purchase net energy exported by such SRTPV system at the tariff determined by the KERC.

Now therefore, in consideration of the foregoing premises the parties hereto, intending to be legally bound hereby agree as under:

1. Technical and Interconnection Requirements:

Seller shall ensure his SRTPV system complies with the following technical and interconnection requirement and shall:

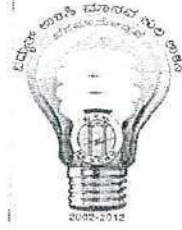
- 1.1 Comply with the standards and conditions in respect of integrating the SRTPV system with the grid/distribution system.
- 1.2 Connect the SRTPV system to HESCOM's distribution system and shall be bound by requirements of State Grid and distribution Code as amended from time to time.
- 1.3 Install, prior to connection of SRTPV system to HESCOM's distribution system, an inverter with an automatic inbuilt isolation devise.

9KH 8093023
Jaykumar
MRT AEE
PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science Colleg.
JAMKHANDI-587301



HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly Owned Govt. of Karnataka Undertaking)



Land phone: 08353-224083

EmailId: aeejkd.hescom@gmail.com

Office of The

Asst. Executive Engineer (El),

O&M Sub Division, HESCOM,

Jamkhandi.

NO:JKD/AEE/TA/

Date:

To,

Executive Engineer(El),
MT Division office , HESCOM,
Karawar Road,Hubballi.

Sir,

Sub: SRTPV meter Calibration of RR No;1)A-53 2) A2295 in Jamakhnadi Town of
Jamakhnadi Subdivision .

Ref: Sanctioned on 30.12.2015

With reference to the above subject, I am herewith Sending the Sanctioned meters with file for
calibration of Bi-directional meters of Newly installed Solar Roop Top installations bearing RR nos 1)A-53
and 2)A2295 in Section-1 in Section-1 Jamkhandi Sub-Division.

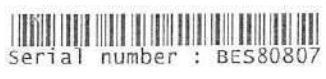
Your's Faithfully,

Asst. Executive Engineer (El),
O&M Sub_Division, HESCOM,
Jamkhandi

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Commerce, BHS Arts & TGP Science College.
JAMKHANDI-587301

METER TEST CERTIFICATES



Serial number : BES80807

Customer : IRO ENERGY SOLUTIONS

P.O.No & Date : IRO/SECURE/2015-16/31 (Solar) 10/11/2015

Voltage : 240V Current : 10-60A Accuracy Class : 1.0 Ref. Standard : IS 13779



- 1. AC VOLTAGE TEST :- PASS
- 2. TEST OF NO LOAD CONDITION :- PASS
- 3. TEST OF STARTING CURRENT CONDITION :- PASS
- 4. INSULATION RESISTANCE TEST :- PASS
- 5. POWER CONSUMPTION :- PASS
- 6. TEST OF METER CONSTANT :- PASS
- 7. LIMIT OF ERROR :- PASS

7(a) Conditions-Vref = 240V Ib = 10-60A Amb. Temp. = 27 +/- 2 Deg. C Relative Humidity < 70%.

7(b) Errors shown in the tables are given after accounting the error of reference meter.

7(c) Reference meter serial no. BTLT0103 class 0.2S traceable to national & international standards.

IMPORT MODE ERRORS

(d) %Active Errors(Balance Mode 3p4w)

(e) %Reactive Errors(Balance Mode 3p4w)

Load % Ib	0.5 Lag	0.8 Lead	UPF	Load % Ib	0.5 Lag	0.8 Lead
600	-0.26	-0.07	-0.13	600	-0.06	-0.29
100	0.17	-0.12	-0.02	100	-0.06	0.18
10	0.31	-0.30	-0.13	10	-0.27	0.23
5			-0.19			

Date :- 30/12/2015

This is computer generated test certificate no signature required




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 Commerce, BHS Arts & TGP Science College
 JAMKHANDI-587301



Format - 5

For LT consumers

	Hubli Electricity Supply Company Limited (wholly owned Government of Karnataka undertaking)
Telephone : 9448370264 Email ID : aeejkd.hescom@gmail.com Ref No.:	Office of the Asst Executive Engineer (Ele) 04.17 Subdivision - HESCO Jamkhandi Date: 30/12/15

To,

(Name & address of the applicant)
The Principal Arts, Science
college (BLDE) Jamkhandi

Madam/Sir,

Sub: Approval for installing 10 kWp solar RTPV system.

Ref: 1. Application Reg. No 02 dtd: 09-12-15

With reference to your SRTPV application, approval is herewith accorded for installing Solar RTPV system of 10 kWp on your rooftop as per following terms and conditions :

1. You are requested to select a reputed system installer* of your choice, to install the SRTPV System, who have experience in design, supply and installation of SRTPV system and complete the SRTPV system installed on your rooftop building.
2. You have to select an inverter from HESCO approved & empanelled manufacturers list only (Format-13). The vendors list of inverter manufacturers can be downloaded from HESCO website. Copy of Test Certificates for having complied with relevant IEC standards of the model shall be submitted (Format - 6C).
3. All the other components of Solar RTPV system shall comply with applicable IS/IEC standards. List attached.
4. You have to upgrade infrastructure (service main, meter with CT, upgrade) wherever required, at your own cost.
5. Bi-directional meter shall be purchased from HESCO approved vendors (as per HESCO approved Technical specifications) and to be fixed at net-metering point.
6. Name and address of the HESCO approved Inverter manufacturers (Format-13) and Bi-directional Meter vendors (Format-15) is available in the HESCO website www.hescom.co.in.
7. At the time of synchronization, the existing metering wiring will be changed to


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Format - 3




HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned by Government of Karnataka Undertaking)

Revenue Report			
(To be submitted by the AAO/SA)			
Sl. No.	Parameter	Utility Observation	
A	Applicant details		
1	Name of the Applicant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2	RR Number	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3	Type of connection:	<input type="checkbox"/> 1ph LT	<input checked="" type="checkbox"/> 3ph LT <input type="checkbox"/> HT
4	Sanctioned load in kW/KVA	8 kW	
5	Tariff applicable	LT-2b (Educational)	
6	Arrears/ Audit short claims (if any)	NIL	

(Signature and Name in capital letters)

ಪ.ವಿ.ಸ.ಕಂ.ನಿ. ಉಪ ವಿಭಾಗ
ಪಟ್ಟಣಂಜಿ.
Assistant Account Officer / Senior Assistant,
O&M Sub-division / Section _____,
HESCOM


PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301



HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned by Government of Karnataka Undertaking)

Format



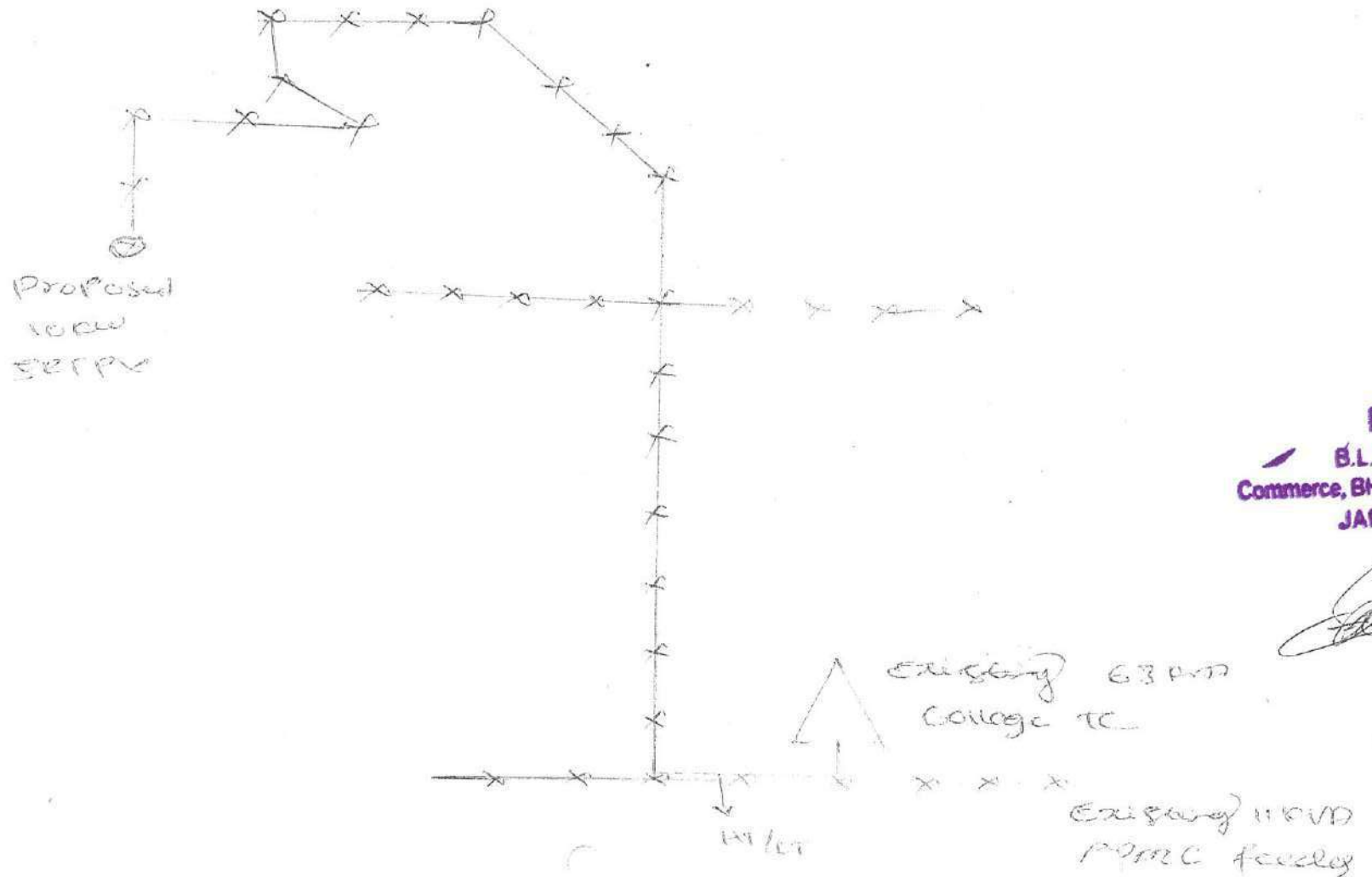
Technical Feasibility Report (To be submitted by the Section officer)

Sl No.	Parameter	Utility Observation
A Applicant details		
1	Name of the Applicant	Principal Arts, Science College Jamkhandi
2	RR Number	A-2295
3	Application Registration Number	02
4	Tariff	LT2B1
5	Type of connection: 1ph LT or 3 ph LT/HT	30 - LT
6	Pole Number	50000480137
7	Next RR Number	A-108
8	Sanctioned Load in kW / Contract demand in KVA	800
B Distribution Transformer Details		
1	Location	College TC
2	Capacity in KVA	63 KVA
3	Total Connected load in kW	34 KVA
4	Tong tester reading of current in all 3 phases and neutral	
5	SRTPV already Proposed/connected in kWp	- x10 -
6	Proposed SRTPV capacity in kWp	10 kW
7	Total Generation Capacity (5+6) in kWp	
8	Whether the transformer capacity is adequate to deliver the proposed SRTPV system in addition to existing solar RTPV systems.*	Yes/No
C Feeder Details		
1	Name of the 11kV feeder	A-P-D-C
2	Feeder Number	F-3
3	Name of the 66/11kV Sub-Station	Jamkhandi
4	Type of the conductor/cable (size)	Rabbit

Principal

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301

Schematic diagram of newly installed 10000 SRTPV in the name of Principal Arts, Science College at B.L.D.E. College in SO-2, Jamkhandi SPO.



[Handwritten Signature]

PRINCIPAL
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 Commerce, BHS Arts & TGP Science College,
 JAMKHANDI-587301

[Handwritten Signature]
 22/12

ಪ್ರಾಧಿಕಾರಿಗಳು
 ಜನರ ಮತ್ತು ಪಾಲನೆ ಘಟಕ - 1
 ಕು. ವಿ. ಸ. ಕಂ. ನಿ. ಜಮಖಂಡಿ



Jamkhandi Sub-Division

Receipt Number 541623194191
Receipt Date 03-12-2015 10:33:22
Cash Counter HES-COM : Jamkhandi Sub
Payor Account ID 5416231000
Person Name PRINCIPLE ARTE SCIB
RR Number A2295
Total Payment Rs1,000.00
Mode of pay Cash
Purpose Non Revenue
Non Revenue category:RTPV-FEE

One Thousand Rupees Only

THANK YOU

PRINCIPAL

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Commerce, BHS Arts & TGP Science College
JAMKHANDI-587301

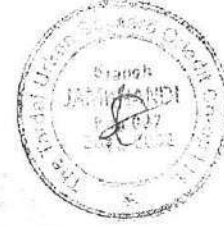


सत्यमेव जयते

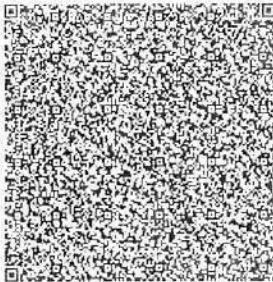
INDIA NON JUDICIAL Government of Karnataka



e-Stamp



Certificate No. : IN-KA77782919169151N
 Certificate Issued Date : 30-Dec-2015 11:29 AM
 Account Reference : NONACC (FI)/ kaksfcl08/ BAGALKOT/ KA-BG
 Unique Doc. Reference : SUBIN-KAKAKSFCL0804331451083458N
 Purchased by : PRINCIPAL BHS ARTS COM TGP SCIENCE COLLEGE
 Description of Document : Article 12 Bond
 Description : POWER PURCHASE AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : HESCOM
 Second Party : PRINCIPAL BHS ARTS COM TGP SCIENCE COLLEGE
 Stamp Duty Paid By : PRINCIPAL BHS ARTS COM TGP SCIENCE COLLEGE
 Stamp Duty Amount(Rs.) : 200
 (Two Hundred only)



-----Please write or type below this line-----

POWER PURCHASE AGREEMENT FOR ROOFTOP SOLAR PV PLANTS WITH NET METERING ARRANGEMENT

This Power Purchase agreement is entered into at (place) **Jamkhandi Division** on this **31st** day of **December '2015** between Hubli Electricity Supply Company Limited (HESCOM), a Government of Karnataka undertaking, a Company formed and incorporated in India under the Companies Act-1956, with its registered office located at Navanagar, Hubli-580025, Karnataka State, hereinafter **PRINCIPAL** as

PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301

Statutory Alert:

The authenticity of this Stamp Certificate should be verified at www.e-stamp.com. Any discrepancy in the details on this Certificate and its availability on the website renders it void.

PRINCIPAL

JAMKHANDI, Dist. Bagalkot



The "HESCOM", (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the first part represented by **Asst. Executive Engineer**

AND

Principal BHS Arts COM TGP SCIENCE COLLEGE the consumer of HESCOM residing at **JAMKHANDI - 587301**, hereinafter referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) as party of the second party.

Whereas,

- a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system with HESCOM's HT/LT Distribution system for sale of Solar Power to HESCOM in terms of the Karnataka Electricity Regulatory Commission (KERC) Order No. S/03/01/2013 dated: 10.10.2013 or as amended from time to time.
- b. The Seller intends to install/has installed a SRTPV system of **10 kWp** capacity on the roof top of the premises situated at **2nd Floor Roof** and connected to electricity service connection bearing number **(RR. No) A2295** in the same premises under **JAMKHANDI Division of HESCOM**.
- c. The Seller intends to sell net energy exported from the SRTPV system to HESCOM as recorded in the bi-directional meter installed in the seller's premises, from the date of commissioning of the SRTPV system.
- d. HESCOM intends to purchase net energy exported by such SRTPV system at the tariff determined by the KERC.

Now therefore, in consideration of the foregoing premises the parties hereto, intending to be legally bound hereby agree as under:

1. Technical and Interconnection Requirements:

Seller shall ensure his SRTPV system complies with the following technical and interconnection requirement and shall:

- 1.1 Comply with the standards and conditions in respect of integrating the SRTPV system with the grid/distribution system.
- 1.2 Connect the SRTPV system to HESCOM's distribution system and shall be bound by requirements of State Grid and distribution Code as amended from time to time.
- 1.3 Install, prior to connection of SRTPV system to HESCOM's distribution system, an inverter with an automatic inbuilt isolation devise.

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JAMKHANDI-587301**



- 1.4 Provide external manual isolation mechanism with suitable locking facility so that SRTPV system will not back-feed into the HESCOM's network in case of power outage of the HESCOM's distribution system, and it shall be accessible for HESCOM to operate, if required, during maintenance / emergency conditions.
- 1.5 Install all the equipment of SRTPV system compliant with relevant International (IEEE/IEC) and Indian standards (BIS).
- 1.6 SRTPV system shall be designed, engineered and constructed and operated by the seller or on his behalf with reasonable diligence subject to all applicable Indian laws, rules, Regulations as amended from time to time and orders having the force of law.
- 1.7 Adhere to the following power quality measures as per the International and Indian standards and/or such other measures stipulated by KERC/HESCOM:
 - a. Harmonic current: Harmonic current injections from a generation unit shall not exceed the limits specified in IEEE 519.
 - b. Voltage at the injection point should be in the operating range of 80% to 110% of the nominal connected voltage.
 - c. Flicker: Operation of Photovoltaic system shouldn't cause voltage flicker in excess of the limits stated in the relevant sections of IEC standards or other equivalent Indian standards, if any.
 - d. Frequency: When the Distribution system frequency deviates outside the specified conditions (50.05 Hz on upper side and 47.5 Hz on lower side), the SRTPV system shall shift to island mode.
 - e. DC Injection: Photovoltaic system should not inject DC power more than 0.5% of full rated output at the interconnection point or 1% of rated inverter output current into distribution system under any operating conditions.
 - f. Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9 shall be maintained.
- 1.8 The SRTPV system in the event of voltage or frequency variations must island/disconnect itself as per IEC standards within the stipulated period.

2. Safety:

The seller shall comply with the following safety measures:

- 2.1 The seller shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations 2010.
- 2.2 The seller shall ensure that, the design, installation, maintenance and operation of the SRTPV system are in a manner conducive to the safety of the SRTPV system as well as the HESCOM's distribution system.
- 2.3 If the Seller's SRTPV system either causes damage to and/or produces adverse effects on the other consumers' or HESCOM's assets, Seller will disconnect SRTPV

[Handwritten Signature]

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Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301**



system immediately from the distribution system by himself or upon directions from the HESCOM and rectify the same at his own cost before reconnection.

3. Clearances and Approvals

The Seller shall obtain HESCOM's and other statutory approvals and clearances before connecting the SRTPV system to the distribution system.

4. Access and Disconnection

4.1 HESCOM shall have access to metering equipment and disconnecting device of SRTPV system, both automatic and manual, at all times.

4.2 In emergency or outage situation, where there is no access to a disconnecting device either automatic or manual, the HESCOM shall have the right to disconnect power supply to the premise.

5. Liabilities

The Seller shall be solely responsible for availing any fiscal or other incentive provided by the State/ Central government, at his own expenses.

6. Commercial Settlement-

6.1 Tariff:

- The HESCOM shall pay for the net metered energy at Rs. **Rs.9.56/- Per KWh (Rupees Nine and paisa fifty six only)** as determined by the KERC for the term of the agreement.
- The Seller shall pay the Electricity tax and other statutory levies, pertaining to SRTPV generation, as may be levied from time to time.
- The seller shall not have any claim for compensation, if the Solar power generated by his SRTPV system could not be absorbed by the distribution system due to failure of power supply in the grid/ distribution system for the reasons, such as line clear, load shedding and line faults, whatsoever.

7. Metering:

7.1 The parties shall arrange to shift the existing meter to the generation side of SRTPV to measure solar power generation and install Bi-directional meter (whole current/CT operated) for recording export and import of energy at the point of interconnection to the distribution system. The bi directional meter shall comply with the Central Electricity Authority (Installation and operation of meters) Regulations, 2006 and shall have the following features:

- Separate registers for recording export and import energy with facility to download by Meter Reading Instrument (MRI).
- kVA, kW and kVAR measuring registers for both import and export.
- Meter shall have RS232 (or higher) communication facility by radio.



PRINCIPAL

**E.L.D.E. Association's
Commerce, BHS Arts & TGP Science College
JAMKHANDI-587301**



Frequency (RF) port to support Automatic Meter Reading (AMR).

7.2 The seller shall install the meter of SRTPV system and bi directional meter in separate meter boxes in the same proximity or at a suitable place in the premises accessible for the purpose of recording the reading whenever necessary.

8. BILLING AND PAYMENT:

8.1 HESCOM shall issue monthly electricity bill for the net metered energy on the scheduled date of meter reading.

8.2 In case, the exported energy is more than the imported energy, HESCOM shall pay for the net energy exported as per Tariff agreed in this agreement within 30 days of issue of bills duly adjusting the fixed charges and electricity duty if any.

8.3 In case, the exported energy is less than the imported energy, the seller shall pay HESCOM for the net imported energy as per the prevailing retail supply tariff determined by the Commission from time to time.

8.4 HESCOM shall pay interest at the same rates as is being levied on the consumers for late payment charges in case of any delay in payment for the net energy exported beyond 30 (thirty) days period from the date of issue of bill.

Explanation: Net metered energy means the difference of meter readings of energy injected by the SRTPV system into the grid (export) and the energy drawn from the grid for use by the seller (import) recorded in the bi-directional meter.

9. Term and Termination of the Agreement

9.1 This agreement shall be in force for a period of 25 years from the date of commissioning of the SRTPV system unless terminated otherwise as provided here under.

9.2 The Seller shall have the right to terminate this agreement at any time by serving a written notice 60 (sixty) days in advance to HESCOM.

9.3 if the Seller commits any breach of the terms of the Agreement, HESCOM shall serve a written notice specifying the breach and calling upon the seller to remedy/ rectify the same within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period from the delivery of the notice.

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JAMKHANDI-587301



HESCOM may terminate the agreement by delivering the termination notice, if the seller fails to remedy/ rectify.

9.4 Upon termination of this Agreement, seller shall disconnect the SRTPV system from the distribution system and intimate the same to HESCOM.

10. Dispute Resolution:

All the disputes between the parties arising out of or in connection with this agreement shall be first tried to be settled through mutual negotiation. The parties shall resolve the dispute in good faith and in equitable manner. In case of failure to resolve the dispute, either of the parties may approach the appropriate Forum of law.

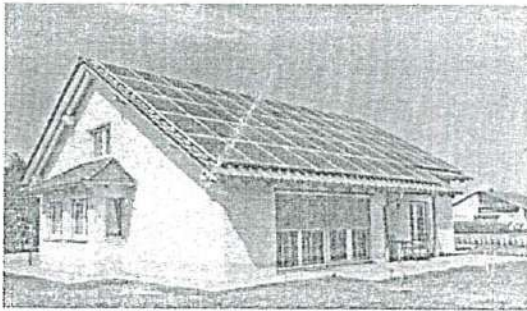
IN WITNESS WHEREOF, the Seller and the HESCOM have entered into this Agreement executed on the date and year first set forth above.

<p>For AND ON BEHALF OF Hubli Electricity Supply Company Limited</p> <p>Designation: Asst. Executive Engineer</p> <p>Address : OM Division, HESCOM -Division, JAMKHANDI - 587301.</p>	<p>For AND ON BEHALF OF SELLER</p> <p>By: Principal BHS Arts COM TGP SCIENCE COLLEGE RR No: A 2295</p> <p><i>[Signature]</i></p> <p>PRINCIPAL Com. BHS Arts & TGP Sc. College Address: JAMKHANDI - 587301</p>
<p>WITNESS In Presence of</p> <p>Name: Designation: Asst. Engineer-Technical</p>	<p>WITNESS In Presence of Name: UMAKANT BANSANKAR M/s SOLAR CORONA ENERGY PVT LTD.</p> <p><i>[Signature]</i></p> <p>Solar Corona Energy Private Limited Bangalore</p> <p>Solar Corona Energy Private Limited # 36/1, 2nd Main, 1st Cross, Chinnappa Layout, Kempapura, Hebbal, Bangalore - 560-024</p>
<p>WITNESS In Presence of</p> <p>Name: Designation:</p>	<p>WITNESS In Presence of Name: Nilesch M. Desai PARAM SOLARS, A.G.Desai Circle , Jamkhandi.</p> <p><i>[Signature]</i></p> <p>For, PARAM SOLARS</p>

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Application Form for Grid Connectivity Solar Roof Top PV Generation system on Net Metering Basis



Please affix recent passport size photograph of applicant.

1. Applicant Details

<input type="checkbox"/> Individual	<input type="checkbox"/> Company / Trust / Co-operative	<input type="checkbox"/> Partnership																	
Name of the Applicant																			
P	R	I	N	C	I	P	A	L	B	H	S	A	R	T	S				
C	O	M	T	E	P	S	C	I	E	N	C	E	C	O	L	L	E	G	E
Address & Contact details																			
House/Flat/Shop No.										Cross									
Main										Location									
JAMKHANDI										JAMKHANDI									
Street										City									
JAMKHANDI										JAMKHANDI									
Taluk										Village									
JAMKHANDI										JAMKHANDI									
Landmark										Pin code									
										5 8 7 3 0 2									
Land Line Ph. No.										Mobile									
										9 4 4 8 7 5 0 9 7 0									
Email										b l d e a j k d @ y a h o o . i n									

2. Installation Details

Sub-division code	8353	
RR Number	A2295	
Account ID No.	540069	
Sanctioned Load in kW ... 8.00	Contract Demand in KVA	
<input type="checkbox"/> Single Phase	<input checked="" type="checkbox"/> Three phase	
Category of Installation (please tick (√) on the appropriate box)		
<input type="checkbox"/> Residential	<input type="checkbox"/> Commercial	<input type="checkbox"/> Industrial
<input checked="" type="checkbox"/> Educational Institution	<input type="checkbox"/> Government Organization	<input type="checkbox"/> Others

3. Rooftop System details (please tick (√) on the appropriate box)

Proposed Capacity of Solar RTPV power plant in kW peak	1	0	k	w	p
Clarification of Supply	<input type="checkbox"/> Single phase LT (Upto and inclusive 5kWp)	<input checked="" type="checkbox"/> Three phase LT (above 5kWp upto 50kWp)	<input type="checkbox"/> HT(above 50kWp upto 1MWp*)		
Approximate shadow free area of Rooftop in sq. mts.	100 sq mts				

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4. Subsidy

Whether applicant wish to avail MNRE subsidy	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Whether MNRE Subsidy is sanctioned or not	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Documents enclosed:

1	Copy of latest Electricity bill	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2	Authorization letter in case of company/Trust/ Co-operatives / Partnership	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3	Copy of the Subsidy sanction letter from MNRE	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
4	Self-certification for not availing subsidy from MNRE	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Note: * For the applicants who obtain subsidy from MNRE, the capacity range is from 1kWp to 500kWp (as per MNRE guidelines).

Certificate:

1. The above stated information's are true to best of my knowledge.
2. **Certified** that my building can take up the proposed weight of Solar PV system.

Place: JAMKHANDI

Date:

Signature of the applicant
PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
Name: JAMKHANDI, Dist. Bagalkot



B. D. Kulkarni

PRINCIPAL

**B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301**

Letter of Authorisation

(For filling application for installation of SRTPV system on behalf of a Trust / Committee / Co-operative etc.)



Date: _____

We Principal, BHS Adst, Com, TGP Science College (Name of Trust/ Committee/ Co-operative etc.), residing at Jamkhandi wish to participate in the on-going program for installation of Solar Rooftop PV (SRTPV) system initiated by HESCOM and We accept all the terms, conditions and stipulations mentioned in the application form and any other formats laid down by the HESCOM for this purpose.

Mr/Ms Dr. B.M. Nuchhi (Name of Official/Person), residing at Jamkhandi is hereby mutually authorised to accept on our behalf, all the terms and conditions of the SRTPV net-metering program regarding installation and commissioning of SRTPV system mentioned under the Application form or any other format prepared in this behalf by HESCOM and to execute such documents, agreements and other writings as may be necessary or required for this purpose.

Further, the above authorised person namely Mr/Ms Solar Corona (Name with Contact Number) is also nominated as the contact person on our behalf for any matter relating to the Installation, Operation and Inspection of solar rooftop facility.

B.M. Nuchhi
PRINCIPAL
Signature Com, B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot
(With Stamp)

Mob: 9900545986
Energy Put Ltd


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JAMKHANDI-587301



Certification for not availing subsidy from MNRE

This is to certify that I Dill B.M. Nuchh (Name of applicant) have applied for installation of SRTPV system at our premise BHS Arts Science College (address) with A 2295 (Installation RR No.) and have not availed any subsidy or grant from Ministry of New and Renewable Energy (MNRE) or from any other State and Central agency in this regard.

I hereby also agree not to claim any subsidy or grant in future either from MNRE or from any other State / Central agency for the same.


Signature of Applicant

Name:

Date & Place:


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AUTHORIZATION LETTER

(For filling application for installation of SRTPV system for partnership firms)

We _____ (Name of the Lead member of partnership firm), wish to participate in the on-going program for installation of Solar Rooftop PV (SRTPV) initiated by HESCOM and We accept all the terms, conditions and Stipulations mentioned in the application form and any other formats laid down by the HESCOM for this purpose.

This partnership firm has been incorporated by M/s _____ [insert name of Lead Member of partnership firm], a Company incorporated under the laws of _____ and having its Registered Office at _____ (herein after called the "Member-1", which expression shall include its successors, executors and permitted assigns) and M/s _____ a Company incorporated under the laws of _____ and having its Registered Office at _____ (hereinafter called the "Member-2", which expression shall include its successors, executors and permitted assigns), M/s _____ a Company incorporated under the laws of _____ and having its Registered Office at _____ (hereinafter called the "Member-n", which expression shall include its successors, executors and permitted assigns), [The applicant should list the details of all the partner firms] for the purpose of submitting request to participate in SRTPV program initiated by HESCOM.

Further, the above authorized person namely Mr./Ms. _____ (Name with Contact Number) from _____ (Name of the partnership firm) is mutually authorized to accept on our behalf, all the terms and conditions of the SRTPV program mentioned under the Application forms or any other format prepared in this behalf by HESCOM and to execute such documents, agreements and other writing as may be necessary or required for this purpose.

The above authorized person namely Mr./Ms. _____ (Name with Contact Number) is also nominated as the contact person on our behalf for any matter relating to the Installation, Operation and Inspection of solar rooftop facility.

For ready reference, a copy of Partnership agreement and letter of authorization is attached with the application letter.

Signature of authorized Person
(With Stamp of Lead Partner)

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JAMKHANDI-587301**

"ಧೃಡೀಕರಣ ಪತ್ರ"

೧) ಸದರಿ SRTPV ಸ್ಥಾವರದ ರೀಡಿಂಗ್‌ವು ಕಚೇರಿ ರಜಿಷ್ಟರ್ ಪ್ರಕಾರ Import Reading 340_Export Reading 970

ಇರುತ್ತದೆ ಎಂದು ಧೃಡೀಕರಿಸಲಾಗಿದೆ.

೨) ಸದರಿ ಸ್ಥಾವರದ ಒಟ್ಟು ಜನರೇಶನ್ ರೀಡಿಂಗ್ ಕಚೇರಿ ರಜಿಷ್ಟರ್ ಪ್ರಕಾರ 630 ಇರುತ್ತದೆ ಎಂದು ಧೃಡೀಕರಿಸಲಾಗಿದೆ.

೩) ಸದರಿ ಬಿಲ್ಲ್‌ವು ದಿನಾಂಕ: 01-12-2020 ರಿಂದ 31-12-2020 ಅವಧಿಯದ್ದು ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡೀಕರಿಸಲಾಗಿದೆ.

೪) ಸದರಿ ಸ್ಥಾವರದ ಮೇಲೆ ತಿಳಿಸಿರುವ ಬಿಲ್ಲ್ ಮೊತ್ತವು ರೂ. 3780/- (Three Thousand Seven Hundred Eighty rupees) ಆಗಿರುತ್ತದೆ. ಸದರಿ ಮೊತ್ತವನ್ನು ಹೆಸಾಂ ಕಂಪನಿಯಿಂದ ಗ್ರಾಹಕರಿಗೆ ಚೆಕ್‌ನ್ನು ಪ್ರಾಯೋಗ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ

ಕಾಲೇಜು ಸಾ: ಜಮಖಂಡಿ ಇವರ ಹೆಸರಿನಲ್ಲಿ ನೀಡಲು ಧೃಡೀಕರಿಸಲಾಗಿದೆ.

೫) ಸದರಿ ಸ್ಥಾವರದ ಗ್ರಾಹಕರ PAN CARD NO- AAAAL1070A ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡೀಕರಿಸಲಾಗಿದೆ.

೬) ಸದರಿ ಸ್ಥಾವರದ ಗ್ರಾಹಕರ ಬ್ಯಾಂಕ್ ಖಾತೆ ಸಂಖ್ಯೆ: 54013312663 ಎಸ್.ಬಿ.ಐ ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡೀಕರಿಸಲಾಗಿದೆ.

ಸಹಾಯಕ ಲೆಕ್ಕಾಧಿಕಾರಿ

ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸಾಂ ಜಮಖಂಡಿ.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ವಿ)

ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸಾಂ ಜಮಖಂಡಿ.

Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



“ಧೃಡಿಕರಣ ಪತ್ರ”

೧) ಸದರಿ SRTPV ಸ್ಥಾವರದ ರೀಡಿಂಗ್‌ವು ಕಚೇರಿ ರಜಿಷ್ಟರ್ ಪ್ರಕಾರ Import Reading 43_Export Reading 1236

ಇರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೨) ಸದರಿ ಸ್ಥಾವರದ ಒಟ್ಟು ಜನರೇಶನ್ ರೀಡಿಂಗ್ ಕಚೇರಿ ರಜಿಷ್ಟರ್ ಪ್ರಕಾರ 1193 ಇರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.


೩) ಸದರಿ ಬಿಲ್ಸ್‌ವು ದಿನಾಂಕ: 01-11-2020 ರಿಂದ 30-11-2020 ಅವಧಿಯದ್ದು ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೪) ಸದರಿ ಸ್ಥಾವರದ ಮೇಲೆ ತಿಳಿಸಿರುವ ಬಿಲ್ಸ್ ಮೊತ್ತವು ರೂ. 7686/- (Seven Thousand Eight Hundred Eighty six rupees) ಆಗಿರುತ್ತದೆ. ಸದರಿ ಮೊತ್ತವನ್ನು ಹೆಸ್ಟಾಂ ಕಂಪನಿಯಿಂದ ಗ್ರಾಹಕರಿಗೆ ಚೆಕ್‌ನ್ನು ಪ್ರಾಚಾರ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ

ಕಾಲೇಜು ಸಾ: ಜಮಖಂಡಿ ಇವರ ಹೆಸರಿನಲ್ಲಿ ನೀಡಲು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೫) ಸದರಿ ಸ್ಥಾವರದ ಗ್ರಾಹಕರ PAN CARD NO- AAAAL1070A ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೬) ಸದರಿ ಸ್ಥಾವರದ ಗ್ರಾಹಕರ ಬ್ಯಾಂಕ್ ಖಾತೆ ಸಂಖ್ಯೆ: 54013312663 ಎಸ್.ಬಿ.ಐ ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.



ಸಹಾಯಕ ಲೆಕ್ಕಾಧಿಕಾರಿ

ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸ್ಟಾಂ ಜಮಖಂಡಿ.



ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ವಿ)

ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸ್ಟಾಂ ಜಮಖಂಡಿ.



Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344



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Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



“ಧೃಡಿಕರಣ ಪತ್ರ”

೧) ಸದರಿ SRTPV ಸ್ಥಾವರದ ರೀಡಿಂಗ್‌ವು ಕಚೇರಿ ರಜಿಷ್ಟರ್ ಪ್ರಕಾರ Import Reading 43_Export Reading 1236

ಇರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೨) ಸದರಿ ಸ್ಥಾವರದ ಒಟ್ಟು ಜನರೇಶನ್ ರೀಡಿಂಗ್ ಕಚೇರಿ ರಜಿಷ್ಟರ್ ಪ್ರಕಾರ 1193 ಇರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೩) ಸದರಿ ಬಿಲ್ಸ್‌ವು ದಿನಾಂಕ: 01-11-2020 ರಿಂದ 30-11-2020 ಅವಧಿಯದ್ದು ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೪) ಸದರಿ ಸ್ಥಾವರದ ಮೇಲೆ ತಿಳಿಸಿರುವ ಬಿಲ್ಸ್ ಮೊತ್ತವು ರೂ. 7686/- (Seven Thousand Eight Hundred Eighty six rupees) ಆಗಿರುತ್ತದೆ. ಸದರಿ ಮೊತ್ತವನ್ನು ಹೆಸ್ಟಾಂ ಕಂಪನಿಯಿಂದ ಗ್ರಾಹಕರಿಗೆ ಚೆಕ್‌ನ್ನು ಪ್ರಾಚಾರ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ

ಕಾಲೇಜು ಸಾ: ಜಮಖಂಡಿ ಇವರ ಹೆಸರಿನಲ್ಲಿ ನೀಡಲು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೫) ಸದರಿ ಸ್ಥಾವರದ ಗ್ರಾಹಕರ PAN CARD NO- AAAAL1070A ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

೬) ಸದರಿ ಸ್ಥಾವರದ ಗ್ರಾಹಕರ ಬ್ಯಾಂಕ್ ಖಾತೆ ಸಂಖ್ಯೆ: 54013312663 ಎಸ್.ಬಿ.ಐ ಆಗಿರುತ್ತದೆ ಎಂದು ಧೃಡಿಕರಿಸಲಾಗಿದೆ.

ಸಹಾಯಕ ಲೆಕ್ಕಾಧಿಕಾರಿ

ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸ್ಟಾಂ ಜಮಖಂಡಿ.

Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-22334

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ವಿ)

ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸ್ಟಾಂ ಜಮಖಂಡಿ.

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Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



ಹುಬ್ಬಳ್ಳಿ ವಿದ್ಯುತ ಸರಬರಾಜು ಕಂಪನಿ ನಿಗಮ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಂಪೂರ್ಣ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)

Phone No:08353-220292		ರವರ ಕಛೇರಿ
Fax No:08353-220164		ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
E-mail:		ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ಉಪ ವಿಭಾಗ
aeekjd.hescom@gmail.com		ಹು.ವಿ.ಸ.ಕಂ.ನಿ. ಜಮಖಂಡಿ



(Corporate Identity Number) U 31401 KA 2002 SGC 030437 (CIN)

ಜೆಕೆಡಿ/ಸಕಾನಿ(ಇ)/ಸ.ಲೆ/ಓ.ಸ/2020-21/2019-30

ದಿನಾಂಕ 9 JUL 2021

ಲಗತ್ತು: ಸೌರಶಕ್ತಿ ವಿದ್ಯುತ್ ಬಿಲ್ಡು
ಗೆ,
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ವಿಭಾಗೀಯ ಕಛೇರಿ
ಹು.ವಿ.ಸ.ಕಂ.ನಿ. ಜಮಖಂಡಿ.

ಮಾನ್ಯರೇ,

ವಿಷಯ: ಸೌರಶಕ್ತಿ ವಿದ್ಯುತ್ ಬಿಲ್ಡುಗಳನ್ನು ಸಲ್ಲಿಸುವ ಕುರಿತು.
ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ತಮ್ಮ ವಾಯಾಪರ ಮಾಹಿತಿಗಾಗಿ ತರಬಯಸುವುದೇನೆಂದರೆ,

- ೧) ಶ್ರೀ ಎ.ಎಮ್.ಶಹಾ
- ೨) ಪ್ರಾಚಾರ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ ಕಾಲೇಜು,
- ೩) ಅಧ್ಯಕ್ಷರು ಪಿ.ಕೆ.ಪಿ.ಎಸ್ ಬ್ಯಾಂಕ್ ಸಾ: ಶಿರಗುಪ್ಪಿ
- ೪) ಶ್ರೀ ಡಿ. ಕೆ .ಮಾನೇ, ಮೈಗೂರ ರೋಡ
- ೫) ಶ್ರೀ ಎಸ್.ಆರ್.ಘಟಗಿ
- ೬) ಶ್ರೀ ಹಣಮಂತ ಕೆ ಬೀಳಗಿ
- ೭) ಶ್ರೀ ಎಮ್. ಎಸ್. ಘಟಗಿ
- ೮) ಶ್ರೀ ಆರ್ಯ್ ಎಮ್ ಬೀದರಿ
- ೯) ಶ್ರೀ ಅಭಿಷೇಕ್ ಹಿಂದೆ
- 10) ಶ್ರೀಮತಿ ಎಮ್.ಎಮ್.ಬಾಣಕಾರ
- 11) ಶ್ರೀ ಚೇರಮನ್ ಅಪ್ಪಾಸಾಬ ವಿಠಲ ಮಂದಿರ

ಇವರುಗಳ ಸೌರಶಕ್ತಿ ವಿದ್ಯುತ್ ಬಿಲ್ಡು-2021 ರ ಬಿಲ್ಡುಗಳನ್ನು ತಯಾರಿಸಿ ತಮ್ಮ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.





ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸ್ಕಾಂ. ಜಮಖಂಡಿ

ಪ್ರತಿಗಳು:

- ೧) ಶ್ರೀ ಎ.ಎಮ್.ಶಹಾ ಪಿ.ಬಿ.ಹೆಚ್ ಸ್ಕೂಲ್ ಎದುರಗಡೆ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೨) ಪ್ರಾಚಾರ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ ಕಾಲೇಜು ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೩) ಅಧ್ಯಕ್ಷರು ಪಿ.ಕೆ.ಪಿ.ಎಸ್ ಬ್ಯಾಂಕ್ ಸಾ: ಶಿರಗುಪ್ಪಿ
- ೪) ಶ್ರೀ ಡಿ. ಕೆ .ಮಾನೇ , ಮೈಗೂರ ರೋಡ ವಾರ್ಡ್ ಕಾಲನಿ, ಉರ್ಮಿ ಕಾಲೆ ಹತ್ತಿರ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೫) ಶ್ರೀ ಎಸ್.ಆರ್.ಘಟಗಿ ರೋಡ, ಎ.ಪಿ.ಎಂ.ಸಿ ಎದುರಗಡೆ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೬) ಶ್ರೀ ಹಣಮಂತ ಕೆ ಬೀಳಗಿ ಗಣಪತಿ ಗಲ್ಲಿ ಗಣಪತಿ ಗುಡಿ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೭) ಶ್ರೀ ಎಮ್. ಎಸ್. ಘಟಗಿ ಎ.ಪಿ.ಎಂ.ಸಿ ಎದುರಿಗೆ ಕುಡಕಿ ರೋಡ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.

Coordinator
TQAC



PRINCIPAL
B.L.D.E. Association's

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

ಹುಬ್ಬಳ್ಳಿ ವಿದ್ಯುತ ಸರಬರಾಜು ಕಂಪನಿ ನಿಗಮ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಂಪೂರ್ಣ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)

Phone No:08353-220292		ರವರ ಕಛೇರಿ
Fax No:08353-220164		ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
E-mail:		ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ಉಪ ವಿಭಾಗ
aeejkd.hescom@gmail.com		ಹು.ವಿ.ಸ.ಕಂ.ನಿ. ಜಮಖಂಡಿ



(Corporate Identity Number) U 31401 KA 2002 SGC 030437 (CIN)

ಜೆಕೆಡಿ/ಸಕಾನಿ(ಇ)/ಸ.ಲೆ/ಹಿ.ಸ/2020-21/ 2434

ದಿನಾಂಕ : 22 AUG 2021

ಲಗತ್ತು: ಸೌರಶಕ್ತಿ ವಿದ್ಯುತ್ ಬಿಲ್ಲು

ಗೆ,
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ವಿಭಾಗೀಯ ಕಛೇರಿ
ಹು.ವಿ.ಸ.ಕಂ.ನಿ. ಜಮಖಂಡಿ.

ಮಾನ್ಯರೇ,

ವಿಷಯ: ಸೌರಶಕ್ತಿ ವಿದ್ಯುತ್ ಬಿಲ್ಲುಗಳನ್ನು ಸಲ್ಲಿಸುವ ಕುರಿತು.
ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ತಮ್ಮ ದಯಾಪರ ಮಾಹಿತಿಗಾಗಿ ತರಬಯಸುವುದೇನೆಂದರೆ,

- ೧) ಶ್ರೀ ಎ.ಎಮ್.ಶಹಾ
- ೨) ಪ್ರಾಚಾರ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ ಕಾಲೇಜು,
- ೩) ಅಧ್ಯಕ್ಷರು ಪಿ.ಕೆ.ಪಿ.ಎಸ್ ಬ್ಯಾಂಕ್ ಸಾ: ಶಿರಗುಪ್ಪಿ
- ೪) ಶ್ರೀ ಡಿ. ಕೆ .ಮಾನೇ, ಮೈಗೂರ ರೋಡ
- ೫) ಶ್ರೀ ಎಸ್.ಆರ್.ಘಟಗಿ
- ೬) ಶ್ರೀ ಹಣಮಂತ ಕೆ ಬೀಳಗಿ
- ೭) ಶ್ರೀ ಎಮ್. ಎಸ್. ಘಟಗಿ
- 8) ಶ್ರೀ ಆರ್ಯ್ ಎಮ್ ಬೀದರಿ
- 9) ಶ್ರೀ ಅಭಿಷೇಕ್ ಶಿಂದೆ
- 10) ಶ್ರೀಮತಿ ಎಮ್.ಎಮ್.ಬಾಣಕಾರ
- 11) ಶ್ರೀ ಚೇರಮನ್ ಅಪ್ಪಾಸಾಬ ವಿಠಲ ಮಂದಿರ
- 12) ಶ್ರೀ ಎಸ್ ಬಿ ಸೊನ್ನದ

Aug

ಇವರುಗಳ ಸೌರಶಕ್ತಿ ವಿದ್ಯುತ್ ~~2020~~ 2021 ರ ಬಿಲ್ಲುಗಳನ್ನು ತಯಾರಿಸಿ ತಮ್ಮ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.

Gongannaiah
25/8/21

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

Kulraj

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು(ವಿ)
ಕಾ ಮತ್ತು ಪಾ ಉಪ ವಿಭಾಗ, ಹೆಸ್ಕಾಂ. ಜಮಖಂಡಿ

ಪ್ರತಿಗಳು:

- ೧) ಶ್ರೀ ಎ.ಎಮ್.ಶಹಾ ಪಿ.ಬಿ.ಪೈಸ್ಕೂಲ್ ಎದುರಗಡೆ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೨) ಪ್ರಾಚಾರ್ಯರರು ಬಿ.ಎಲ್.ಡಿ.ಇ ಕಾಲೇಜು ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
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- ೪) ಶ್ರೀ ಡಿ. ಕೆ .ಮಾನೇ , ಮೈಗೂರ ರೋಡ ದರ್ಗಾ ಕಾಲನಿ, ಉರ್ಮ ಶಾಲೆ ಹತ್ತಿರ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ
- ೫) ಶ್ರೀ ಎಸ್.ಆರ್.ಘಟಗಿ ಕುಡೋ ರೋಡ ಹು.ವಿ.ಎಂ.ಸಿ ಎದುರಗಡೆ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.
- ೬) ಶ್ರೀ ಹಣಮಂತ ಕೆ ಬೀಳಗಿ ಮೈಗೂರ ರೋಡ ದರ್ಗಾ ಕಾಲನಿ ಗುಡಿ ಜಮಖಂಡಿ ಇವರ ಮಾಹಿತಿಗಾಗಿ.

Coordinator
IQAC
BLDE Association's

Ganesh
PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301,

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344



**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE
COLLEGE, JAMKHANDI - 587 301**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

Phone/Fax: 08353-220183 email: bldeajkd@yahoo.in

Website: www.bldeajkd.ac.in

**DOCUMENTS RELATED TO
WHEELING TO THE GRID**

**BLDE ASOCIATION'S
COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE, JAMKHANDI**

WHEELING TO THE GREED




Sl. No	Year	Month	Energy Export (in Unit)
1	2016	June	Nil
2	2016	July	Nil
3	2016	August	Nil
4	2016	September	Nil
5	2016	October	Nil
6	2016	November	Nil
7	2016	December	Nil
8	2017	January	Nil
9	2017	February	Nil
10	2017	March	364
11	2017	April	Nil
12	2017	May	Nil
13	2017	June	236
14	2017	July	Nil
15	2017	August	307
16	2017	September	201
17	2017	October	321
18	2017	November	695
19	2017	December	691
20	2018	January	Nil
21	2018	February	Nil
22	2018	March	772
23	2018	April	356
24	2018	May	771
25	2018	June	576
26	2018	July	842
27	2018	August	370
28	2018	September	442
29	2018	October	656
30	2018	November	881



31	2018	December	672
32	2019	January	Nil
33	2019	February	872
34	2019	March	738
35	2019	April	802
36	2019	May	663
37	2019	June	738
38	2019	July	527
39	2019	August	326
40	2019	September	591
41	2019	October	401
42	2019	November	596
43	2019	December	515
44	2020	January	717
45	2020	February	581
46	2020	March	844
47	2020	April	Nil
48	2020	May	844
49	2020	June	Nil
50	2020	July	Nil
51	2020	August	Nil
52	2020	September	Nil
53	2020	October	Nil
54	2020	November	1236
55	2020	December	970
56	2021	January	603
57	2021	February	631
58	2021	March	348
59	2021	April	886
60	2021	May	1222
61	2021	June	1021
62	2021	July	784


Coordinator
Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhadi, Ph 08353-223344


Principal
PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

Estd : 1963



ಜಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ. ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಬಿ. ಎಡ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಟಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,

ಬಿ.ಬಿ.ಡಿ-587 301

(ರಾಣಿಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's

100
ANNIVERSARY
1963-2013

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani channamma University)

Karnataka State

Tel.: +918353-220183 (Principal) 220003 (Office) Fax.: +918353 220183 email: bldeajkd@yahoo.in Website : www.bldea.org/jkdccl

NAAC Re-Accredited with 'A' Grade

Ref No.:

Date: 09-10-2015

To,

M/s. Solar Corona Energy Private Limited
#36/1, 2nd Main' 1st cross Chinnappa layout
Behind sunrise School, Kempapura, Hebbal
BENGALURU-560 024



Kind Attention
(Umakant Patankar-MD)

Sir,

Sub: Order for installation of Solar Photovoltaic on Grid System 10KW

Ref: Your quotation number: Nil dated Nil

With reference to your quotation cited above, the order is hereby placed for installation of Solar Photovoltaic on Grid System 10KW on roof top of the college. The description of the system to be installed is as follows. 10kWp Solar Photovoltaic on-Gird (without Battery) Gird connected Roof Top Power Plant. Design, Engineering, Supply, Installation, Erection and commissioning of 10kWp Solar Photovoltaic Grid Connected Power Plant. The rate Rs.9,50,000/- (Rs.Nine Lakh Fifty Thousand only) quoted by you is accepted. Other terms and conditions stated in the quotation are also accepted except payment terms. The cheque bearing number 070222 dated 09-10-2015 for Rs.4,75,000/- drawn in your favour towards 50% advancement payment is issued along with this order for installation. The remaining 50% payment will be made after installation satisfactorily.

Thank you sir.

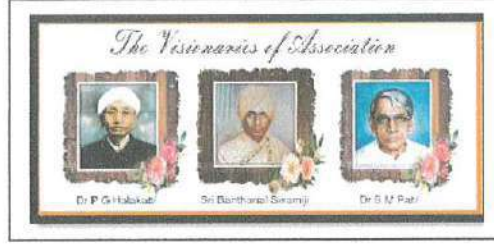
Yours faithfully,

Principal,
PRINCIPAL

Com. BHS, Arts & TGP, Sc. College
JAMKHANDI (Dist. Bagalkot)

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301



**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE
COLLEGE, JAMKHANDI - 587 301**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

Phone/Fax: 08353-220183 email: bldeajkd@yahoo.in

Website: www.bldeajkd.ac.in

**DOCUMENTS RELATED TO
SENSOR BASED ENERGY
CONSERVATION**



**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE
COLLEGE, JAMKHANDI - 587 301**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

Phone/Fax: 08353-220183 email: bldeajkd@yahoo.in

Website: www.bldeajkd.ac.in

**DOCUMENTS RELATED TO
LED BULBS**



PARAM SOLAR



Syska LED Lightings, Solar Water Heater & Lightings, Solar Roof Top System, Inverter, Batteries & R.O.Systems

Shop No.96, CMC Complex, Managuli Cross, Near Bus Stand, VIJAYAPUR – 587 101. Dist : Vijayapur (KS)
Sameer Tower, A.G.Desai Circle, Near Bus Stand, JAMKHANDI – 587301. District : Bagalkot (KS)
Mob : 9886344054/9916161722. (Off) Ph : 08353-220760, E-mail : bkparam@gmail.com

To,
The Principal
BLDE'S Association
Jamkhandi

Quotation No : 5941

Date : 26/12/20

Subject : Quotation for – Syska Led Lights

SI No	Particulars	QTY	MRP	OFFER PRICE
01)	LED TUBELIGHTS Make : Syska Capacity : 28W	01	899/-	Rs. 389 /-
02)	LED BULB Make : Syska Capacity : 15W	01	350/-	185/-
03)	Motion Sensor Bulb Capacity : 10w	01	795/-	495/-
04)	Motion Sensor TubeBulb Capacity : 22W	01	1850/-	1280/-

Terms & Conditions :

- 1) Price : For Jamkhandi Office.
- 2) Validity of quotation : 15 Days Only.
- 3) Warranty : As per company norms.
- 4) Delivery Terms : 02 Weeks date from confirmed purchasing order.
- 5) Payment : 100% advance along with PO
- 6) Extra : GST extra 12%.

Thanking you,


PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301

Your's faithfully
For, Param Solar



PARAM SOLAR



Syska LED Lightings, Solar Water Heater & Lightings, Solar Roof Top System, Inverter, Batteries & R.O.Systems

Shop No.96, CMC Complex, Managuli Cross, Near Bus Stand, VIJAYAPUR – 587 101. Dist : Vijayapur (KS)
Sameer Tower, A.G.Desai Circle, Near Bus Stand, JAMKHANDI – 587301. District : Bagalkot (KS)
Mob : 9886344054/9916161722. (Off) Ph : 08353-220760, E-mail : bkparam@gmail.com

To,
The Principal
BLDE'S Association
Jamkhandi

Quotation No : 5941

Date : 26/12/20


Subject : Quotation for – Syska Led Lights

SI No	Particulars	QTY	MRP	OFFER PRICE
01)	LED TUBELIGHTS Make : Syska Capacity : 28W	251	2,25,649/-	97,639/-
02)	LED BULB Make : Syska Capacity : 15W	52	18,200/-	9,620/-
03)	Motion Sensor Bulb Capacity : 10w	10	7,950/-	4950/-

Terms & Conditions :

- 1) Price : For Jamkhandi Office.
- 2) Validity of quotation : 15 Days Only.
- 3) Warranty : As per company norms.
- 4) Delivery Terms : 02 Weeks date from confirmed purchasing order.
- 5) Payment : 100% advance along with PO
- 6) Extra : GST extra 12%.

Thanking you,


PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

Your's faithfully
For, Param Solar



**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE
COLLEGE, JAMKHANDI - 587 301.**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

Phone/Fax: 08353-220183 email: bldeajkd@yahoo.in

Website: www.bldeajkd.ac.in

**BEYOND THE CAMPUS
ENVIRONMENTAL PROMOTIONAL
ACTIVITIES**



BLDE ASSOCIATION'S
COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE, JAMKHANDI

Criteria 7
Metric -7.1.6

Internal Quality Assurance Cell

BEYOND THE CAMPUS ENVIRONMENTAL PROMOTIONAL ACTIVITIES

LIST OF PROGRAMMES

Sl. No.	Year	Programme /Activity Conducted	Subject of Event	Date of Conducted Programme	No. of Students Attended
1	2017	Campaign	Rally For Rivers	08-09-2017	183
2	2019	Beyond Campus Environmental Promotion	Go Green	28-06-2019	91
3	2019	Tree Plantation	Tree Plantation	28-06-2019	56
4	2019	Beyond Campus Environmental Promotion	Vanamahostava	05-07-2019	45
5	2020	Beyond Campus Environmental Promotion	Bus Stand Cleaning	09-02-2020	50
6	2020	Panel Discussion	Green Environment & Energy Audit	30-12-2020	17
7	2021	Plantation Programme	Plantation	07-07-2021	17

Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

Principal
PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

**BLDE ASSOCIATION'S
COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE, JAMKHANDI**



Internal Quality Assurance Cell

**Criterion 07
(Metric -7.1.6)**

CAMPAIGN

Date of the Programme	08-09-2017
Title of the Programme	RALLY FOR RIVERS
Resource Person Details	Dr. B. B. Shiradoni
Programme coordinator	Prof. B S Desai
Number of students attended/involved	183
Programme Details	College and the department of sociology jointly initiated save river student campaign in Jamkhandi city municipal cooperation area, the basic objective of the campaign is to educate the people of Jamkhandi about the importance of rivers in the survival of society and the severe threat which the rivers passing due to acquisition, chemical contamination etc.,



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Internal Quality Assurance Cell



BEYOND CAMPUS ENVIROMENTAL PROMOTION

Date of the Programme	28-06-2019
Title of the Programme	Go Green!
Resource Person Details	Shri. Anand S. Nyamgouda
Programme coordinator	Prof. P. S. Hiremath Associate Professor Dept. of Chemistry
Number of students attended/involved	91
Programme Details	After inaugurating the Vanamahostava campaign the Honorable MLA Shri. Anand Nyamgouda delivered a special lecture as a part of Vanamahostava campaign, in this he announces go green campaign in the city, by the inspiration of the college. And he also quoted the role and responsibility of BLDEA College Jamkhandi for the realization of Go Green Campaign.




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BEYOND CAMPUS ENVIROMENTAL PROMOTION

Date of the Programme	28-06-2019
Title of the Programme	Vanamahostava
Resource Person Details	Shri. Anand S. Nyamgouda
Programme coordinator	Prof. P. S. Hiremath, Associate Professor Dept. of Chemistry
Number of students attended/involved	56
Programme Details	College as a part of extension activity organizes Vanamahostava campaign in Jamkhandi, the campaign has been inaugurated by the Honorable MLA Shri. Anand Nyamgouda with plantation of Neem Sample in Old Boys Hostel. Through this campaign the students, teaching & non-teaching faculties planted around 200 samples in surrounding Rameshwar area.




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BEYOND CAMPUS ENVIROMENTAL PROMOTION


Date of the Programme	5-7-2019
Title of the Programme	Vanamahostava
Resource Person Details	NA
Programme coordinator	Prof. P. S. Hiremath Associate Professor Dept. of Chemistry
Number of students attended/involved	45
Programme Details	College as a part of extension activity organizes Vanamahostava campaign in college campus and surrounding Jamkhandi, the campaign has been inaugurated by the Prof. R. C. Sheth with plantation of Neem Sample in college campus and surrounding Jamkhandi, Through this campaign the students, teaching & non-teaching faculties planted around 125 samples.




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Criteria 07
(Metric - 7.1.6)

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**BEYOND THE CAMPUS ENVIROMENTAL PRAMOTION
ACTIVITY**

Date of the Programme	09-02-2020
Title of the Programme	Bus Stand Cleaning
Resource Person Details	Dr. B. B. Shiradoni
Programme coordinator	Prof G. V. Joshi & Prof. R .S. Vernekar.
Number of students attended/involved	50
Programme Details	Bharat Scout and Guide team organized programme of cleaning Bus stand and providing awareness to public to keep surrounding clean .Bus officer and staff voluntarily joined the programme.




Programme Coordinator


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PANEL DISCUSSION

Date of the Programme	30-12-2020
Title of the Programme	Green, Environment & Energy Audit
Resource Person Details	Shri. S. H. Lagali
Programme coordinator	Prof. P. S. Hiremath
Number of students attended/involved	17
Programme Details	To discuss and chalk out the implementation procedures of the recommendations of the GREEN, ENVIROMENT & ENERGY AUDIT the TRAYODASHA COMMITTEE organizes a panel discussion among senior faculty and respective Head. Of the Departments.




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PLANTATION PROGRAMME

Date of the Programme	07-07-2021
Title of the Programme	Plantation
Programme coordinator	Prof. P. S. Hiremath Associate Professor Dept. of Chemistry
Number of students attended/involved	17
Programme Details	College Organizes the plantation programme at its Campus in this the D Grade Employees Planted around 11 samples around swimming pool.




Programme Coordinator


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BIODIVERSITY AND CONSERVATION OF FLORA IN COLLEGE CAMPUS

S.No	Scientific name	Common name	Family	Kannada name
1	<i>Abutilon indicum</i> (L.)SW	Indian abutilon	Malvaceae	Turibi gida
2	<i>Acacia arabica</i> (Lam.)willd	Babul	Fabaceae- S.F.Mimoideae	Karjali
3	<i>Acacia melanoxylon</i> ,R.Br.	Austrelian acacia.	Fabaceae- S.F.Mimoideae.	
4	<i>Acacia nilotica</i> ,(L.)Delile	Gum arabic tree	Fabaceae. S.F.Mimoideae.	Karjali
5	<i>Acalypha indica</i> L	Indian acalypha	Euphorbiaceae	Kuppe gida
6	<i>Achras sapota</i> , (L)P.Royen	Sapota	Sapotaceae	Chikku
7	<i>Achyranthus aspera</i> L.	Chaff flower	Amarantaceae	Uttarani
8	<i>Adensonia digitata</i> L	Marahunase	Bombacaceae	Magi mavu, aane hunase
9	<i>Adathoda vasica</i> , (L) Nees	Malabar nut(Adusoge	Acanthaceae	Adasola
10	<i>Aegle marmelos</i> (L) correa	Bael. Bilva patri	Rutaceae	Bilva patri, kattale
11	<i>Agava americana</i> L.	Century plant	Asparagaceae	Debale
12	<i>Albizia lebbeck</i> (L,) Benth	Siris tree	Leguminosae S.fam-Mimoideae	Bage, hombage
13	<i>Allamanda cathartica</i> ,L	Golden trumpet	Apocynaceae	Alamond, halad hoo
14	<i>Allium cepa</i> , L.	Onion	Liliaceae	Irulli
15	<i>Allium sativum</i> , L.	Garlic	Liliaceae	Ballolli
16	<i>Aloe vera</i> (L.)Burm.f.	Aloe (Lole sara)	Xanthorrhoeaceae	Lolesara
17	<i>Alpinia officinarum</i> (L)	Chineseginger, Galangal	Zingiberaceae	
18	<i>Alstonia scholaris</i> , (L.)R.Br.	Devils tree	Apocynaceae	Maddale, Saptaparna
19	<i>Annona cherimola</i> . Mill	Chirimuya. Hanumanphal	Annonaceae	Hanuman phala
20	<i>Annona squamosa</i> L	Custard apple	Annonaceae	Sitaphal

		(Sitaphal		
21	<i>Araucaria columnaris</i>	Christmas tree	Araucariaceae	
22	<i>Argemone mexicana</i> L.	Maxican prickly poppy	Papavaraceae	Datturi
23	<i>Aristolochia species</i>		Aristoloeaceae	
24	<i>Artabotrys odoratissimus</i> R,BROWN	Climbing lang-lang, Manoranjani huballi	Annonaceae	Manoranjan hoo balli
25	<i>Artocarpus integrifolia</i> ,L.f.	Jack fruit	Moraceae	Halasu
26	<i>Aspergus officinalis</i> , Linn	Aspergus	Aspergaceae	Javibenna
27	<i>Aspergus racemosus</i> , Willd.	Satavari	Aspergaceae	Shatawari
28	<i>Austrelian acacia</i>		Fabaceae S.Fam.Caesalpinoid eae.	
29	<i>Azadirachta indica</i> A.Juss	Neem, Margosa	Meliaceae	Bevu
30	<i>Azolla sps</i>			
31	<i>Bacopa monnieri</i> ,(L.)Penell.	Water hyssap	Scrophularaceae	Neeru brahmi
32	<i>Bambusa arundinacea</i> (Retz) Willd	Bamboo	Gramineae(poaceae)	Hebbidiru
33	<i>Barleria prionitis</i> L	Porcupine. Jaji	Acanthaceae	Millumadarangi
34	<i>Basella rubra</i> ,L.	Malabar night shade.	Chenopodiaceae	Basale, kempu bayi
35	<i>Bauhinia variegata</i> (L.) Benth	Camel's foot tree	Fabaceae S.f- Caesalpinoideae	Ulive, bilimandar
36	<i>Bignonia unguiscati</i> (L.)Miers	Cat's claw creeper	Bignoniaceae	Bekkina uguru
37	<i>Bixa orellana</i> (L) (Shrub)	Annatto, Lipstick tree	Bixaceae	
38	<i>Boerhavia diffusa</i> L	Spreading Hog weed	Nyctaginaceae	Balavadike
39	<i>Bougainvillea spectabilis</i> Willd.	Paper flower,Bougainvillea	Nyctaginaceae	Kagadada hoovu
41	<i>Brassica campestris</i> ,L.	Mustard	Brassicaceae	
42	<i>Butea frondosa</i> , Roxb	Flame of the forest(Muttuga)	Fabaceae.	

			S.F .Caesalpinoideae	
43	<i>Caesalpinia bonduc</i> ,(L.)Roxb	Grey nicker.	Fabaceae . S.F. Caesalpinoideae	
44	<i>Caesalpinia pulcherrima</i> Linn	Peacock flower	Fabaceae S.fam- Caesalpinoideae	
45	<i>Caesalpinia sappan</i> , L.	Sapponwood	Fabaceae . S.F. Caesalpinoideae	
46	<i>Callistemon lanceolatus</i> (Sm.)DC	Bottle brush	Myrtaceae	
47	<i>Calotropis gigantea</i> , R Br	Madar, (Ekki gida)	Asclepiadaceae	
48	<i>Calotropis procera</i> . (L) R. Br. Ex AIT	Swallow wort	Asclepiadaceae	
49	<i>Capparis spinosa</i> L.	Caperbush	Capparidaceae	
50	<i>Carica papaya</i> ,L.	papaya	Passifloraceae	
51	<i>Cassia auriculata</i> (L.) Roxb.	Cassia	Fabaceae. S.F.Caesalpinoideae	
52	<i>Cassia fistula</i> L.	Cassia Kakke mara	Fabaceae. S.F.Caesalpinoideae	
53	<i>Costus igneus</i> , Nak.	Insulin plant	Costaceae	Iasulin gida Kempu Honne
54	<i>Catheranthus roseus</i> , G. Bom.	Periwinkle (Sadabahar)	Apocynaceae	Sadabahar
55	<i>Centella asiatica</i> L	Indian pennywort		
56	<i>Chloroxylon swietenia</i> ,DC,	Satin wood	Meliaceae	
57	<i>Chrysanthemum indicum</i> L	Chrysanthamum	Asteraceae	
58	<i>Chrysopogon zizanioides</i> (L) Roberty	Vetiver / Khas	Graminae	
59	<i>Cissus quadrangulararis</i> L	Vitis , devilsback bone	Vitaceae	
60				
61	<i>Clerodendrum inerme</i> , (L) Gaertin.	Visham dhari.	Verbinaceae.	
62	<i>Cocos nucifera</i> ,L.	Coconut.	Palmae	

63	<i>Coccinia indica</i> (L.)Voigt	Ivy guard	Cucurbitaceae	
64				
65	<i>Coleus amboinicus</i> , LOUR	Indian borage	Labiatae	
66	<i>Coriandrum sativum</i> L.	Coriander	Umbelliferae	
67	<i>Cycas beddomie</i>	Cycas	Cycadaceae	
68	<i>Cymbopogon citratus</i> (L)	Lemon grass, oil grass	Poaceae	
69	<i>Daemia extensa</i> , R. Br.	Trellis vine	Asclepiadaceae	
70	<i>Dahlia variabilis</i> ,(willd)	Dahlia	Compositae	
71	<i>Dalhia</i> sps	Dalhia	Compositae.	
72	<i>Datura inoxia</i> L	Thorn apple (Madagunaki)	Solanaceae	
73				
74	<i>Datura stramonium</i> L	Jimson weed	Solanaceae	
75	<i>Delonix regia</i> (Boj.exHook)Raf.	Gul mohar	Fabaceae S.f- Caesalpinoideae	
76	<i>Dracaena</i> sps		Aspergaceae	
77	<i>Duranta plumeria</i> ,Jacq	Golden dew drop,hedge plant.	Verbinaceae	
78	<i>Eichornia crassipes</i> , (Mart)Solms	Water hyacinth	Pontederaceae	
79	<i>Emblica officinalis</i> Gaertn	Amla, Indian gooseberry.	Phyllanthaceae (Euphorbiaceae)	
80	<i>Enterolobium saman</i> , Benth	Rain tree	Fabaceae S.fam-Mimoideae	
81	<i>Epiphyllum oxypetalum</i> , (DC)Haworth	Queen of the night, shy plant.	Cactaceae	
82	<i>Erythrina indica</i> , Lam.milii.	Indian coral tree	Fabaceae, S.F. Papilionoideae.	
83	<i>Eucalyptus lanceolatus</i> , L.Hir.	Eucalyptus(Nilagiri)	Myrtaceae	
84	<i>Eugenia jambolana</i> , Lam.	Jaman, Black plum	Myrtaceae	
85	<i>Euphorbia antiquorum</i> L.	Triangular milk wort	Euphorbeaceae	

86	<i>Euphorbia geniculata</i> L	Fire plant	Euphorbiaceae	
87	<i>Euphorbia hirta</i> L.	Semierect Euphorbia	Euphorbiaceae	
88	<i>Euphorbia splendens</i> , (Bojar)	Crown of thorns	Euphorbiaceae.	
89	<i>Euphorbia tirucalli</i> ,L.	Cactus(pencil)	Euphorbiaceae	
90	<i>Ficus benghalensis</i> , L.	Banyan tree(Indian)	Moraceae (Urtiaceae)	
91	<i>Ficus glomerata</i> , Roxb	Cluster fig tree.	Moraceae (Urtiaceae)	
92	<i>Ficus religiosa</i> , L.	Peepal ,Sacred fig	Moraceae (Urtiaceae)	
93	<i>Hamelia patens</i> Jacq	Scarlet bush	Rubiaceae	
94	<i>Hibiscus rosasinensis</i> , Linn	China rose	Malvaceae	
95	<i>Hiptage madablota</i> , Gaertn,	Madhaviyata, Hiptage.	Malpigiaceae	
96	<i>Holarrhena antidysenterica</i> , Wall.	Khutaj	Apocynaceae	
97	<i>Holmskioldia sanguine</i> , Retz.	Cup & saucer plant, Chinese Hat plant	Verbenaceae	
98	<i>Hydrilla verticillata</i> , (L)Royle.	Hydrilla	Hydrocharitaceae	
99	<i>Ixora alba</i> , L.	Ixora	Rubiaceae	
100	<i>Ixora coccinea</i> ,L.	Ixora ,Jngle flame.	Rubiaceae	
101	<i>Jacaranda mimosifolia</i> , D. Don.	Blue jacaranda	Bignoniaceae	
102	<i>Jasminum sambac</i> L	Jasmine	Oleaceae	
103	<i>Jatropha multifida</i> L	Physic nut. Vishabhadra	Euphorbiaceae	
104	<i>Lantana camara</i> L	Lantana	Verbinaceae	
105	<i>Lawsonia inermis</i> , L.	Henna	Lythraceae	
106	<i>Lepidium sativum</i> , .L.	Garden cress	Cruciferae	Alvi
107	<i>Leucas aspera</i> , Spreng	Leucas	Verbinaceae	
108	<i>Mangifera indica</i> , L.	Mango	Anacardiaceae	

109	<i>Melia azedarach</i> , L.	Chennaberry	Meliaceae	
110	<i>Michelia champaca</i> ,L.	Champaka	Magnoliaceae	
111	<i>Millingtonia hortensis</i> , L.f.	Indian cork tree	Bignoniaceae	
112				
113	<i>Mimosa pudica</i> , L.	Touch me not, Shy plant	Fabaceae S.fam-Mimoideae	
114	<i>Mirabilis jalapa</i> Linn	Four O'clock plant	Nyctaginaceae	
115	<i>Morus alba</i> , L.	Mulberry (white)	Moraceae	
116	<i>Moringa oleifera</i> , Lam.	Drumstick	Moringaceae	
117	<i>Morus nigra</i> , Linn	Black berry (Hippunerale)	Moraceae	
118	<i>Murraya koenigii</i> , (L) Sprengel	Curry leaves	Rutaceae	
119	<i>Nerium indicum</i> , Mill	Oleander	Apocynaceae	
120	<i>Nerium oleander</i> , L.	Nerium (Oleander)	Apocunaceae	
121	<i>Nyctanthes arbortristis</i> , L.	Night flowering Jasmine	Oleaceae	
122	<i>Nymphaea caerulea</i> , Sav.	Blue lotus	Nymphaeaceae	
123	<i>Nymphaea lotus</i> , L.	Water lily	Nymphyaceae	
124	<i>Ocimum basilicum</i> , L.	Sweet basil,	Labiatae	Kamakasturi, Sritulasi
125	<i>Ocimum sanctum</i> ,L.	Tulsi (Holy)	Labiatae	Karitulasi, Krishna tulasi
126	<i>Oleus aromaticus</i> Benth	Karpoorvalli (Dodda patre)	Lamiaceae	
127	<i>Opuntia dillenii</i> , Haw	Pricky pear (papas kalli)	Cactaceae	
128	<i>Opuntia ficus indica</i> , (L.) Mill.	Pricky pear, (opuntia)	Cactaceae	
129	<i>Oxalis acetosella</i> ,L.	Wood sorrel	Oxalidaceae.	
130	<i>Oxalis carniculata</i> , L.	Sleeping beauty.	Oxalidaceae	
131	<i>Pancratium longiflorum</i> ,	Spider lily	Amarryllidaceae	

132	<i>Pandanus amaryllifolius</i> L.	Pandan	Pandanaceae	Kedige
133	<i>Passiflora caerulea</i> , L.	Blue passion flower	Passifloraceae	
134	<i>Passiflora indica</i> ,L.	Passion flower.	Capparidaceae	
135	<i>Peltophorum pterocarpum</i> , (DC.)K.Heyne.	Copper pod	Fabaceae. S.F. Caesalpinoideae	
136				
137	<i>Petrea volubilis</i> L	Queen's wreath, purple flower	Verbenaceae	
138	<i>Phoenix dactylifera</i> ,L.	Date palm	Arecaceae	
139	<i>Phoenix sylvestris</i> ,(L.)Roxb.	Toddy palm	Arecaceae	
140	<i>Phyla nodiflora</i> , (L), <i>Lippia nodiflora</i> (Mitch)	Frog fruit	Verbenaceae	
141	<i>Phyllanthus emblica</i> ,L	Indian gooseberry(Margosa)	Euphorbiaceae, (Phyllanthaceae)	
142	<i>Phyllanthus fraternus</i> Web	Phyllanthus (Kiranelli)	Phyllanthaceae	
143	<i>Phyllanthus niruri</i> ,L.	Stone breaker	Phyllanthaceae	
144	<i>Pilea microphylla</i> , (L.)Liebm	Rockweed	Urticaceae	
145	<i>Piper longum</i> , (L)	Pepper (Pippali)	Piperaceae	
146	<i>Pistia stratiotes</i> ,L.	Pistia, Water lettuce	Araceae	
147	<i>Pithecellobium dulce</i> , (Roxb)Benth.	Manila	Fabaceae – S.Fam. Mimoideae	
148	<i>Peltophorum pterocarpum</i>	Yellow pod tree, Copper pod tree	Fabaceae. S.F. Caesalpinoideae	
149	<i>Plumbago zeylancia</i> , L.	Lead wort	Plumgaginaceae	Karikaddi
150	<i>Plumeria rubra</i> L.	Red jasmine	Apocunaceae	
151	<i>Poinsettia pulcherrima</i> , (<i>Euphorbia pulcherrima</i>), Wild.ex.Klotzsch	Poinsettia, Christmas tree	Euphorbiaceae	
152	<i>Polyalthia longifolia</i> , Sonn	Ashok tree (False)	Annonaceae	
153	<i>Pongamia pinnata</i> Pierre	Indian beech (Honge)	Fabaceae S.f- Caesalpinoideae	
154	<i>Pothas scandens</i> , Linden&Andre.	Money plant.	Aracaceae	

155	<i>Prosopis cineraria</i> , (L.) Druce	Banni gida, Shami	Fabaceae. S.F. Caesalpinoideae	
156	<i>Psidium guajava</i> ,L.	Guava	Myrtaceae	
157	<i>Quisqualis indica</i> , Linn	Rangoon creeper(Rangoon kempumalle)	Combretaceae	
158	<i>Ricinus communis</i> , Linn	Castor	Euphorbiaceae	
159	<i>Rauwolfia serpentina</i> , (L.) BENTH EX. KURZ.	Serpentina root, Snake root, Sarpagandha	Apocynaceae	Sarpagandha
160	<i>Rosa indica</i> ,L.	Rose.	Rosaceae	
161	<i>Rosmarinus officinalis</i> , L.	Rosemary.	Lamiaceae	
162	<i>Ruta chalepensis</i> . Linn.	Fringed Rue, Rue garden	Rutaceae	Nagadale, Sudabugida
163	<i>Salvinia molesta</i> , Mitchel	Salvinea, kariba weed	Salvinaceae	
164	<i>Santalum album</i> , Linn	Sandel (Gandhad mara)	Santalaceae	
165	<i>Sapindus laurifolius</i> , Vahl	Soapnut tree	Sapindaceae	
166	<i>Sensevieria zeylanica</i> , willd	Bowstring hump	Asparagaceae	
167	<i>Sesbania grandiflora</i> L	Humming bird tree	Fabaceae. S.F.	
168	<i>Sida cordifolia</i> L	Heart leaf sida	Malvaceae	
169	<i>Solanum xanthocarpum</i> , Linn.	Yellow berried night shade	Solanaceae	
170	<i>Spirodela polyrhiza</i> , (L.)Schleid	Spirodela, Duck weed.	Lemnaceae	
171	<i>Stevia species</i>	Madhu pavani	Lamiaceae	
172	<i>Tabebuia spectabilis</i> , Planch & Linden	Trumpet tree	Bignoniaceae	
173	<i>Tabernaemontana divericatia</i> R.Br	Crape jasmine, Moonbeam	Apocynaceae	
174	<i>Tabebuia sps</i>	Indian box wood	Bignoniaceae	
175	<i>Tamarindus indica</i> ,L.	Tamarind (Hunase)Tree.	Fabaceae S.f- Caesalpinoideae	

176	<i>Tectona grandis</i> Linn.	Teak	Verbinaceae	
177	<i>Teprosia purpurea</i> (L)	Wild indigo	Fabaceae. S.F.Papilionoideae.	
178	<i>Terminalia bellarica</i> , Roxb.	Bellarika	Combortaceae	
179	<i>Terminalia catappa</i> , Linn.	Tropical almond	Combortaceae	
180	<i>Terminilia arjuna</i> , Roxb	Arjuna	Combortaceae	
181	<i>Thespesia populnea</i> , (L) Sol.Correa	Portia tree (Bangali gida)	Malvaceae	
182	<i>Thevetia neriifolia</i> , Juss	Yellow oleander	Apocynaceae	
183	<i>Tinospora cardifolia</i> , (L.) Willd.	Heartleaf, Guduchi	Menispermaceae	Amrutaballi
184	<i>Tradescantia virginiana</i> ,L.	Tradascantia	Commelinaceae	
185	<i>Tribulus terrestris</i> ,Linn.	Cats head,Devils weed	Malvaceae	
186	<i>Tridax procumbens</i> , Linn	Tridax (Mexican Daisy)	Compositae	
187	<i>Tuja sps</i>	Tuja.	Coniferaceae	
188	<i>Vallisneria spiralis</i> (L.) Kuntz	Ramsar	Apocynaceae	
189	<i>Vanda sps</i>	Orchid	Orchidaceae	
190	<i>Vitex negundo</i> ,L.	Indrani.	verbinaceae	
191	<i>Vitis quadrangularis</i> ,L (<i>Cissus quadrangularis</i>)	Devils backbone.	Vitaceae	
192	<i>Withania somnifera</i> , (L.)DUNA	Wintercherry	Solanaceae	Ashwagandha, Hiremaddu
193	<i>Zea maize</i> ,L.	Maize	Graminae	
194	<i>Ziziphus jujuba</i> , Mill.	Indian plum	Rhamnaceae	

ENERGY AUDIT REPORT

FOR THE YEAR 2019-20



BLDEA's Comm, BHS ARTS & TGP Science College,
Jamakhandi

KARNATAKA

BASED ON BEST ENERGY PRACTICES.

**CONSERVATION OVER EFFICIENCY: EDUCATE, PRACTICE,
ADVOCATE & MANAGE.**

GREEN AUDIT REPORT

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year,

SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

EXECUTIVE SUMMARY.

Sr No	Obse- rvation*	Problems *	Resulting losses*	Remedial measures*	Capital*	Projected savings*	Cate gory 7
1	Solar Power	Stagered standalon e street light.	Working efficiency @ 30%	Centralised solar system	To be worked based on energy demand.	Net zero energy dependent	7.1.
2	Battery placeme nt	Battery shell in conducto r loop	Low performa nce & self-discharge .	Design the stacking arrangemen ts.	In house resources	25% of the cost of the batteries.	7.1.2 7.1.6
3	Battery regenerat ion.	Short life span	300% of the cost of the battery.	Subject all batteries to regeneratio n made.	Rs.20.00 Lacs or as per user agreeme nt	300 %	7.1.2 7.1.6
4	Electrical	Old tube lights	High energy consumer s	LED lights of appropriate ratings.	Rs.80/- to Rs.250/- per unit	Rs.175/- per tube per annum. ROI of 1 years.	7.1.6
5	Natural Lighting	Un cleaned windows and ventilator s, forced switching on of tube lights	High energy bills	Clean the windowpan es and allow maximum natural light penetration.	Nil, part of routine, In house manpower.	Substantial cost of energy bills on lighting.	7.1.2 7.1.6

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Sr No	Obse- rvation*	Problems *	Resulting losses*	Remedial measures*	Capital*	Projected savings*	Cate gory 7
6	Natural Ventilati on	Permane ntly closed ventilator s.	Creation of hot air pockets below the ceiling.	Open the Ventilators for easy exit of hot/warm air from the rooms.	Nil, In house manpow er.	Eliminates use of Electrical Fans and Substantial cost of energy bills	7.1.2 7.1.6
7	Placeme nt of projector	Informati on not visible/hig h brightness	No objective s are delivered	Re align.	Nil,	Good deliverable s.	
8	Fuel leakage and safety	Poor pipe quality	Fuel loss and possible life loss	Replace with standard specified pipes.	Rs.200 per pipe	Lefe safety	
* For details please follow the discussions in the report.							

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ACKNOWLEDGEMENT:

SUNSHUBH RENEWABLES & RESEARCH CENTRE is pleased to express its sincere gratitude to the management of BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA, *for entrusting SUNSHUBH RENEWABLES & RESEARCH CENTRE with the assignment on Green Earth practices based on Educate, Practice, Advocate & Manage the resources in their educational organization.*

We acknowledge the assignment allocation sent by Email on 19th Oct 2019.

We also wish to thank Prof B I Karalatti Principal, and Prof M C Karbhari, NAAC Audit Co-Ordinator, who have been constantly following with the Carbon Handprint initiatives and developments in the college. It was on their instance that we got to evaluate the initiatives undertaken.

The officials and the maintenance staff for the help rendered during the energy flow study.

We would fail if we neglect to appreciate the sincere efforts put in by the Faculty Members,

- Dr. N M Rolli, HOD Botony
- Prof R C Shet, HOD Chemistry.
- Dr. (Prof) V S Kulkarni, HOD Statistics
- Prof S B Kamati, IQAC Coordinator
- Prof Y B Hotti, Dept. of Physics
- Asst Prof Anand Uppar Audit Co-ordinator
- The Students who against all odds have kept the college premises clean to the possible limits.

Without the crucial and significant support from the fellow teaching team the potential energy saving options and carbon footprint reduction would not be a reality.

With the motivational support of the management, ground realistic support from teaching team and sincere efforts of the students in incorporating the change (habits) and instructions, the college could effectively declare the reduction in Carbon footprint and optimize the waste reductions.

ENERGY AUDIT COMPLETION CERTIFICATE

Credentials attached 7.1.6

I, Mallikarjun A. Kambalyal endorse and confirm that This Energy Audit has been carried out on **12th June 2020** under the instructions of Prof B I Karalatti Principal.

This report is generated based on the site visits and evidence collected from the site.

All attempts have been made to evaluate the scope for development and inculcate green practices in the campus and extended throughout the campus. The focus is also laid to make positive impact on the society for a better living.

I also confirm and sign this certificate, in case the institution needs demonstration, my team of professionals shall be happy to do so.

We present this report to **fulfill the citizens moral responsibilities** much more than the legal or mandatory compliances. This report is tabled in two parts. The first forms the core discussions which are general in nature. The second section is subject specific under the statutory requirements of the NAAC accreditation norms. They are Audit reports on, Green aspects, Energy aspects, Environment aspects, Health aspects and the discussions on net CARBON FOOTPRINT & the CARBON HANDPRINT initiatives.

Any modifications, changes, omissions after the site visit shall be exclusive.

Authorised Auditor.

Mallikarjun A. Kambalyal B.E (E&C)

Certified Energy Auditors EA-3485& ISO 50001:2011 & ISO14001:2015 Lead Auditor.



BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-3485** Serial Number: **2838**

Certificate Registration No. : **2838**

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **Mallikarjun A Kambalyal** Son/Daughter of Mr./Mrs. **Andanappa V Kambalyal** who has passed the National Examination for certification of energy manager held in the month of **April 2006** is qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate and shall be renewable subject to attending the prescribed refresher training course once in every five years.

His /Her name has been entered in the Register of certified energy manager at Serial Number **2838** being maintained by the Bureau of Energy Efficiency under the aforesaid regulations.

Mr./Mrs./Ms. **Mallikarjun A Kambalyal** is deemed to have qualified for appointment or designation as energy manager under clause (1) of Section 14 of the Energy Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **7th** day of **February, 2013**

**Secretary
Bureau of Energy Efficiency
New Delhi**

Dates of attending the refresher course	Secretary's Signature	Dates of attending the refresher course	Secretary's Signature
28.01.2020			

Bureau of energy Efficiency Egd No: EA3485

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Certificate of Successful Completion



This is to Certify that

MALLIKARJUN A KAMBALYAL

has successfully completed the

Intertek

***CQI & IRCA Certified ISO 14001:2015
Auditor Conversion Training Course***

The Course includes the assessment and evaluation of Environmental Management Systems to conform to the requirements of ISO 14001:2015 and ISO 19011:2011

*This course is certified by the Chartered Quality Institute (CQI) and the International Register of Certificated Auditors (IRCA)
– IRCA REFERENCE 18093 –*

The course meets the training requirements for individuals seeking certification under the IRCA Auditor Certification Schemes



Authorising Signature: Vystra Anandova

Course Dates: 14th – 16th July 2017

Certificate Number: 47730

Membership Application To Be Made Within 3 Years From Last Day of Course



121807

ISO Certified Lead Auditor. Certificate No: 47730

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BSI Training Academy

This is to certify that

Mallikarjun A. Kambalyal

has attended and passed

**Energy Management Systems (ENMS) Auditor/Lead Auditor Training Course
(ISO 50001:2011)**

Premanand Ramakrishnan, Director of Training

Date: 14/04/2016 - 16/04/2016

Certificate Number: ENR-00253448

This certificate is valid for 3 years from the date above for the purpose of registering as an auditor with IRCA.



Course number A17563 certified by IRCA



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The British Standards Institution is incorporated by Royal Charter.
BSI India, The Mira Corporate Suites (A-2), Plot 1 & 2, IITWist, Nagar, Mathura Road, New Delhi 110065, India. Tel: +91 11 2652 5000

ISO Certified Lead Auditor. Certificate No: ENR-00253448

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2. Vision Statement
3. Core Values
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5. Outlay Information
6. Factors Consideration
7. Executive Summary
8. Acknowledgement
9. Limitations
10. Authentication & Date Of Energy Audit
11. List Of Instruments
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13. Ongoing Status
14. Discussions On Executive Summary
15. Exhibit Green Habits
16. Action Plan Summary
17. Mode Of Action
18. Note Sheets

Carbon Footprint audit objectives.

Know

- Why?
- Where?,
- What?,
- When?,
- How?,

about this Audit and the objectives

Carbon Footprint Audit was initiated in the beginning of 1970's, with the motive of inspecting the work executed within an organization, whose exercises could cause risk to the health of inhabitants and the environment. It exposes the genuineness of the proclamation made by the organisation with the concern on health issues. As a consequence of their operations with respect to environmental pollution it is the duty of the organisation to carry out the Carbon Footprint audit of the ongoing processes for various reasons, such as,

- To make sure whether one is performing in accordance with the relevant rules and regulations,
- To improve the procedures and aptness of material in use,
- To analyse the potential duties and to determine a way which can lower the cost and to the revenue outflow.

Through Carbon Footprint Audit one gets adoration as to how to improve the condition of the environment. There are various factors that were forced upon and determine the growth of/or conduct of Carbon Footprint audit. Incidents like,

- Decades old Bhopal gas tragedy, that has left its residual effect which still haunts us.
- Our buildings catching fire due to various reasons,
- Industries blowing off taking valuable human lives etc,
- People going sick, feeling tired, after long hours of operations in the organization,

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- Increased demand of generators due to inconsistent power supply, which has resulted or lead into recent floods and droughts, are some of the situations to ponder about.

To address various issues in context with human health, energy audit is assigned to "Criteria 7" of NAAC (National assessment and accreditation council) accreditation. NAAC is a self-governing organization in India that declares the institutions as Grade "A", Grade "A+", or Grade "A++" ..., according to the scores assigned at the time of accreditation.

The other intention of organising Carbon Footprint audit is to update the environment conditions in and around the institutions ie., within the compound and outside the compound. It is carried out with the aid of performing certain tasks like waste management, energy consumed, diesel burnt it performing the objective of the organization. Lastly to self-assess the net carbon footprint of the conduct of process in the organization.

The goals of Carbon Footprint audit

- The purpose of carrying out Carbon Footprint audit is securing the environment and cut down the threat posed to human health.
- To Make sure that rules and regulations are complied with.
- To avoid the environmental interruptions that are more difficult to handle and their corrections call for high cost.
- To suggest the best protocol for adding to sustainable development.
- To execute the process of the organisations utilising minimum natural resources and efficient use of those resources contributing to minimum waste generation.

How is is the Carbon Footprint audit conducted

Pre-audit

- Planning
- selecting the team of auditors both internal and external
- schedule the audit facility
- acquire the background information
- visit areas under audit

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On site conditions:

- Understand the scope of audit
- Analyse the strengths and weaknesses of the internal controls
- Conduct audit with end user comfort focused and making it easy to perform.
- Collect necessary evidence so that the stakeholders stand to understand how and where they are going wrong in the process of their conduct.
- Post audit draw the report based on the data collected.
- On confirmation of the preliminary report, draw a final report of the observations and inference with accuracy more near to implementable way.
- Discuss various remedial measures for alternatives if required.
- Prepare an action plan to overcome the shortcomings with continual observation on the action plan initiated.

Steps under Carbon Footprint audit

Water audit: Water is one of the cheapest commodities next to the Air we breathe. Although we Indians, use less water in comparison to western countries. However, the extent of pollutants that we leave behind has polluted all the resources including the deep well.

Rainwater harvesting is one of the best techniques that can be adopted by harvesting the rainwater and using it at the time of scarcity. the audit team to observe and investigate the relevant methods that can be adopted and implemented and draw the balance of use of water.

Waste management audit: The point of generation of waste, the type of waste generated, ie hazardous, recyclable and organically compostable wastes and segregating method at the point of generation for easy and best way to handle the same. Evaluating such methods to minimise the use of resources in the process of their management.

Energy audit: It deals with use of energy in the conduct of the process. The priority is topmost for conservation over efficiency; hence, energy audit or should always consider not to use the energy if necessary. At best it can be used judiciously.

Environmental quality audit: It analyses air quality, noise level and the programs undertaken by the institution for plantation creating awareness

of trees around us and how nature provides us with remedial measures within its framework.

Health audit: In the process of use of resources and conduct of the activities, they can develop impact on human health, that might be off minutely harmful, cause permanent disorder or may even cause death. Occupational health hazards are discussed in detail and the stakeholders are informed of the same and required necessary remedial measures indicated.

Renewable energy: To make in organisation net zero net zero carbon emission use of renewable resources including energy such as solar wind biogas geothermal energies are put into ooh utilisation.

Carbon handprint: The net impact All the above components of Carbon Footprint Audits are to make an organisation contribute zero emissions which are called bye bhai use of water generation of waste use of energy e environmental damage health damage and finally to explore if the campus or direction can go in in contributing to third-party emissions minimising

Benefits of Carbon Footprint audit: To draw home the benefits, the system has been separated out into various audits as listed above. In doing so, and if audit findings are effectively implemented there are many advantages that can be practiced in the process

- Recognise the cost saving methods through waste minimising and managing technologies.
- Point out the prevailing and forth coming complications.
- Authenticate conformity with the legal requirements.
- Empower the organisation to frame a better environmental performance.
- Portray a good image of the institution which helps build better relationships with the groups organisations, stakeholders in and around its operations
- Enhance the alertness for environmental guidelines duties and conduct of preparedness for any eventualities due to environmental disasters.

DAY's CARBON HANDPRINT PLEDGE**DAY's CARBON HANDPRINT PLEDGE (proposed)**

(indicative templet for display at all prominent areas, classrooms, waiting rooms, canteen, library, relaxing areas in the campus.)

We, The Principal, staff and students, adopt responsible practices in our daily activities with due regard to the environment. We set and continually review objectives and targets for achieving our goal to protect our entire college premises from all pollutions primarily.

We seek to comply with safety and environmental regulations to implement inhouse standards to improve our environmental performance.

We commit ourselves to the safe operation of all our working habits, be it in classrooms, library, canteen, on road, off road, in-campus out-campus as well as at our place of stay.

We adhere to reduce environmental load by efficiently using resources, saving energy, reducing waste, encouraging material recycle, with special emphasize to minimising emissions of greenhouse gases, ozone depleting substance and particle matter. we endure to minimise environmental loads and adopt environmentally friendly technologies when ordering and purchasing necessary products and resources.

We endure to attend educational programs and promulgate our close friends and colleagues to follow suite

We endure to ensure that we recognize the essence of this Energy policy by actively and aggressively conducting workshops and training to all in environmental concepts.

We make wide ranging social contribution to close association with the students, teaching staff, administrative staff, housekeeping staff by disclosing environmental information and supporting environmental consumption.

Principal

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meani ng 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year,

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Vision Statement of the institute

Core Values of the Institution

Overview of the institution.

Vision

To empower our students with modern education based on indian culture and heritage to transform their potentialities into realities

Mission

To empower our students with modern education based on indian culture and heritage to transform their potentialities into **realities**

Goal

To see the overall developments of the students physically, mentally, culturally and spiritually sound and convince to withstand challenges in the age of information and technology

Objectives

- To facilitate learners to acquire knowledge.
- To sensitize on Environment, Ecology and Heritage.
- To promote a sense of National integration.
- To facilitate career guidance and counseling.
- To make the students physically fit, mentally sound, emotionally balanced and socially admirable.

Affiliation

Affiliated to Rani Channamma University, Belagavi

The upkeep of the campus speaks for their concern to the environment. With few corrective measures the college can consider to move towards being CARBON NEUTRAL

DAY's ENERGY USE PLEDGE**DAY's CARBON HANDPRINT PLEDGE (proposed)**

(indicative templet for display at all prominent areas, classrooms, waiting rooms, canteen, library, relaxing areas in the campus.)

We, The Principal, staff and students, adopt responsible practices in our days energy use with due regard to the environment. We pledge to avoid using electrical power where not needed. We also pledge to use judiciously the electrical power by using Energy efficient products.

We shall practice to switch off all appliances when not in use.

PURPOSE:

To realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality, and improve energy efficiency on campus through methods that are consistent with a safe, secure, and inviting campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach to providing energy efficient, responsible, and cost effective operations on campus. This policy will be reviewed and updated periodically as public awareness, management techniques, and technologies change.

APPLIES TO: Faculty, staff, students, and visitors.

CAMPUS: BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA

We pledge to speak in open forums for the energy conservation first, Energy Efficiency next and eliminating of High Energy use appliances for better or low energy use one's.

We commit ourselves to the safe operation of all our needs, be it in classrooms, library, canteen, on road, off road, in-campus out-campus as well as at our place of stay.

We adhere to reduce environmental load by efficiently using resources, saving energy, reducing waste, encouraging material recycle, with special emphasize to minimising emissions of greenhouse gases, ozone depleting substance and particle matter. we endure to minimise environmental loads and adopt environmentally friendly technologies when ordering and purchasing necessary products and resources.

We endure to attend educational programs and promulgate our close friends and colleagues to follow suite.

We endure to ensure that we recognize the essence of this Energy use policy by actively and aggressively conducting workshops and training to all in environmental concepts.

We make wide ranging social contribution to close association with the students, teaching staff, administrative staff, housekeeping staff by disclosing Energy use (Star rating appliances) information and supporting minimized consumption of Energy.

Principal

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FACTORS CONSIDERED.

Source :

https://en.wikipedia.org/wiki/Bagalkot_district

Keeping civilized and self-sustainable growth contribution, all discussions in the report are based on the factors driving the civilization of the city and the nearby areas and their work culture.

All the discussions in the report evolve around the social existence of the citizens, the economic contribution factors, The industrial establishment and opportunities for entrepreneurship.

Jamkhandi has been a historic place once ruled by Raja Patwardhan of Poona in pre-independence period. Raja Patwardhan, who had a great foresight and love for education, started educational institution at higher secondary level in a giant building in the heart of the town. He extended his co-operation and support for spreading education till the last day of his regime.

There were no higher educational institutes in Jamkhandi for the aspirants to pursue higher education. However, Raja Patwardhan continued his support by inviting outstanding students of this area to Poona for continuing their higher education at S. P. College and provided free board and lodging facilities even in post-independence days. This was not sufficient to cover people of all the sections of society.

In such circumstances, the B.L.D.E. Association took up step and started Commerce, B.H.S. Arts and T.G.P. Science College in Jamkhandi in the year 1963. It is housed in the beautiful palatial buildings situated on the hillocks of Jamkhandi. The College has been permanently affiliated to the Karnatak University, Dharwad and now switched over to Rani channamma University, Belagavi.

The liberal donation from Smt Bhagirathibai Hanumantagouda Savakar of Bidari (B.H.S.) and Sri Gurusiddappagouda Patil of Tungal (T.G.P.) paved the way for providing the necessary infrastructure to this college. The college was named after the donors to commemorate their contribution. It made its humble beginning with a meager number of just 200 students and the strength has now crossed more than 4300. By envisioning the instinctive talents of this semi-urban area, this college has been adding

knowledge and experience to the students of KrishnaRiver belt in its own unique way.

The college has been imparting education in 3 faculties viz., Arts, Science, Commerce, BCA and BBA at the under graduate level and M.A.History), M.A (Pol.Science) and M.Com. at the post graduate level. M.Sc. in Mathematics course will be started from the academic year 2015-16. It has now been attracting the students from far and wide places. The college has celebrated Silver Jubilee during the academic year 1990-91 and heading towards Golden Jubilee. Earlier the college was a composite degree college covering both the PUC and the Degree programmes. In the year 2002 it was bifurcated into Pre-UniversityCollege and DegreeCollege. Since then both sections are functioning independently. Over the period of five decades, the college has also recorded its name in producing graduates who have now been serving in national and international sceneries. The trained and well qualified teaching and non-teaching staff of the college is doing its best to the expected level. To add academic flavour to it, the college includes 14 Ph.D. and 11 M.Phil laureates to its privilege.

N.C.C., N.S.S. and S.W.O. wings of the college have been functioning to fulfill the aims and objectives satisfactorily, for which they have been formed. There are well-equipped laboratories and library with a large number of books including volumes of recent editions and publications. The Computer Science, Physics and Electronics department have also been shaping the students to fit them for technical jobs. Well-furnished sports department has been training the students to the standards of University blues in various games every year. The college has national and international level sportsmen to its reputation. Since the inception of the college, it is known for its mode of conduct of examination and is a model in the entire area coming under the jurisdiction of the Karnatak University and Rani Channamma University. 53 students of our college have secured ranks at the University level till this academic.

The college Library is housed in B.L.D.E. Association's Centenary Memorial Building which was constructed during the academic year 2010-11 at the cost of Rs. 1.14 crore and was inaugurated at the holy hands of Poojya Sri Shiddeshwar Swamiji of Jnan Yogashram, Bijapur. Swimming Pool, Ladies hostel, Gents hostel, Health Fitness Centre, Historic Polo ground, Botanical garden with a special and very rare species, and a campus with 54 acres 31 Guntas of open land are the special features of this college.

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The college has been recognized by the University Grants Commission and included in the list of 2(f) and 12(B) of the UGC Act, 1956. The college has been accredited by the National Assessment and Accreditation Council (NAAC) with B+ grade in 2004 and has been re-accredited by NAAC with 'A' Grade during the academic year 2010-11. The College has been awarded Research Project worth Rs.60 lakh from Vision Group of Science & Technology Department, Government of Karnataka last year. The College Development Committee has been guiding, supervising and facilitating to improve the campus activities qualitatively.

Jamakhandi is a city in the state of [Karnataka](#), India, which is also the industrial hub of [Bagalkot district](#). It is situated on branch of River Krishna about 481 km (299 mi) northwest of state capital [Bangalore](#), 410 km (255 mi) southwest of [Hyderabad](#), and about 570 km (354 mi) southeast of [Mumbai](#). The population of the urban agglomeration was 111,933 according to the provisional results of 2011 national census of India, and the city is spread over an area of 49.06 square kilometres (18.94 sq mi)^[2] with an average elevation of 532 m (1,745 ft) above MSL.

Education.

Bagalkot district has a number of educational institutions, including Basaveshwara Vidya Vardhaka Sangha, KLE's, BLDE's and Sakri Sangha. A number of colleges are affiliated with [Rani Channamma University, Belgaum](#), [Visvesvaraya Technological University, Rajiv Gandhi University of Health Sciences, Ramanagara](#). [Basaveshwara Engineering College \(BEC\)](#) was established in 1963. [S Nijalingappa Medical College, HSK \(Hanagal Shree Kumareshwar\) Hospital and Research Centre](#), Bagalkote is affiliated with [Rajiv Gandhi University of Health Sciences](#).

[The University of Horticultural Sciences \(UHS\)](#) is headquartered in Navanagar, Bagalkote with its constituent colleges spread across the state.

Economy.

Agriculture is the largest employer in Bagalkot, with over 65% of the working population engaged in it; approximately 80% of female workers in Bagalkot are engaged in agriculture. Like most of north Karnataka, Bagalkot is very rich in black soil which is conducive to the cultivation of cotton. Bagalkot's [economy](#) was valued at US\$5.6 billion, making it the 12th largest economy in Karnataka. The approximate per capital income

is US\$360. The chief crops cultivated are rabi and jowar, as well as groundnut, cotton, maize, bajra, wheat, sugarcane and tobacco. Jowar is largely cultivated because it can be grown during [rainy seasons](#) as well as during the winters. The crop also is the chief supply of food for the people. [Pulses](#) are also grown in the region, primarily [tuvar daal](#), [gram](#), kulith and [mūng daal](#). [Castor oil](#), [linseed](#) and [sesamum](#) are also grown in Bagalkot. Water supply for irrigation includes reservoirs such as the Kendur reservoir, which is six miles from Badami and the Muchkundi reservoir, which is 4 miles from Bagalkot. Famine due to lack of adequate rains is quite common in Bagalkot. A famine that struck the region in 1901 inflicted considerable financial loss to the agricultural industry in Bagalkot. The district has the fifth highest farmer suicide rate in Karnataka.^[18] Efficient water management techniques and government sops have only marginally mitigated the repercussions of the [drought](#) stricken district.

A sizable proportion of the population also consists of [weavers](#). The chief manufactures are cotton and [silk](#) cloths. Large quantities of [cotton yarn](#) are also [dyed](#) and exported to other parts of the state and country. Most of the immigrants in the district are either [money lenders](#) or cloth merchants.




Industries.

The focus sectors include [agriculture](#), [cement](#), [sugar-based industries](#), [silk](#) and handloom industries.

It is one of the two handloom units (other is Dharwad) in India from where woven khadi is obtained and transported to Karnataka Khadi Gramodyoga Samyukta Sangha based in Hubli (which is the only licensed flag production and supply unit in India).

Many new industries are planning to begin in [Bagalkot](#). New cement industries have been registered and are waiting for the permission to begin. There are other small-scale industries like Cement Pipe Industry which produce cement pipes, Bangle Industries which produce bangles, Match Stick Industries, Agarbatti Industries, Plastic Bag Industries etc. in Bagalkot. At the outskirts of Bagalkot city there are many small-scale industries set up. These come under the Vidyagiri area of Bagalkot city, which is the latest extension of the city. Small-scale industries like Ceramic Tile Industry, tyre industry, Stone Cutting And polishing Industry,

milk Dairy etc. are running successfully. At Gaddanakeri there are many limestone industries and brick industries. The limestone industries produce lime for whitewash and painting. The brick industries produce bricks required for the construction of houses. There are local oil industries and oil refineries which produce oil from groundnuts, sunflower, sesamum orientale, cotton etc.

Bagalkot	
<u>City</u>	Coordinates:  16.1817°N 75.6958°E <u>Coordinates:</u>  16.1817°N 75.6958°E
 Bagalkot Location in Karnataka, India	Country India
	State Karnataka
	Region Bayaluseeme
	District Bagalkot
	Government Type City Municipal Council (CMC)
	Body Bagalkot CMC & BTDA
	Total Area 49.06 km ² (18.94 sq mi)
	Elevation 537.06 m (1,762.01 ft)
	Total Population (2011) 112,090
	Density 2,183/km ² (5,650/sq mi)
	Demonym(s) Bagalkotiens
	Official Languages Kannada
	Time zone UTC+5:30 (IST)
	PIN 587101-105
	Telephone code 08354
Vehicle registration KA-29, KA-48	
Website bagalkot.nic.in	

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper mean ng 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year,

SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

BAGALKOT WEATHER BY MONTH // WEATHER AVERAGES

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature (°C)	23.5	25.4	28	29.4	29.3	26.4	24.9	24.9	25.2	25.4	23.9	22.7
Min. Temperature (°C)	16.8	18.3	20.8	22.7	23	22	21.5	21.3	21	20.6	18.4	16.5
Max. Temperature (°C)	30.2	32.5	35.2	36.2	35.7	30.9	28.3	28.5	29.4	30.3	29.5	29
Precipitation / Rainfall (mm)	0	3	5	30	66	80	113	87	145	124	24	6

Data: 1982 - 2012

The difference in precipitation between the driest month and the wettest month is 145 mm | 6 inch. The variation in temperatures throughout the year is 6.7 °C | 44.1 °F.

Source : <https://en.climate-data.org/asia/india/karnataka/bagalkot-51062/>

Average annual rainfall recorded is around 683mm.

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LIST OF INSTRUMENTS:

During the process of the Audit, the following lists of instruments were (considered for) use (wherever applicable).

Sr No.	INSTRUMENT	MAKE	APPLICATION
1	Digital Power Analyser(PC Interfaced)	SCHIVAN ARNOX	Electrical Machinery.
2	Accessories -3000 Amps	ARNOX	Higher load UPTO 3000 Amps,
3	Accessories -200 Amps	ARNOX	UPTO 200 Amps,
4	Thermal Imager	FLIR	Identify loose contacts and bearing losses
5	Power Analyser (Manual)	MECO	Electrical Machinery.
6	Infrared Thermometer	METRAVI	Thermal (Fuel) Energy.
7	Digital (Contact) Temperature & Humidity Meter.	METRAVI	Electrical Machinery. (A/C's And Cooling Towers)
8	Digital Tachometer	METRAVI	Electrical Machinery.(A/C's And Cooling Towers)
9	Lux Meter	METRAVI	General & Task Lighting.
10	Sound Level Meter	METRAVI	Electrical Machinery. Generator Sound Proofing
11	Digital Anemometer	METRAVI	Electrical Machinery.(A/C's And Cooling Towers)
12	Digital KW Meter	METRAVI	Electrical Machinery.
13	Digital Power Factor Meter	METRAVI	Electrical Machinery.

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Sr No.	INSTRUMENT	MAKE	APPLICATION
14	Lap Top Computer	HP	To Interface The Instruments For More Accurate -Sophisticated Readings In Sensitive Equipments.
15	Ultrasonic flow meter		Measure liquid flow.
16	Portable Vibration Meter.	METRAVI	Structural Stability
17	Live cable detector probe	-	Detect hidden cables for safety audit.
18	Power Analyser – EMM 5	Beluk	For remote communication and detailed audit.
19	Power Analyser – ELITE PRO	Beluk	Power Analyser.
20	PT's for Transformer audits.	KALPA	On field auditing of transformer loading and imbalance evaluation.

Only appropriate instruments were used wherever necessary.

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ABOUT ENERGY AUDIT:

BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA has asked SUNSHUBH RENEWABLES & RESEARCH CENTRE, Hubli., to conduct the Energy Audit for their Institution.

In this context, the management of the Institute represented by Prof B I Karalatti Principal, entrusted us the task of conducting the feasibility study to reduce energy consumption and adopt green habits.

SUNSHUBH RENEWABLES & RESEARCH CENTRE represented by Mr. Mallikarjun A. Kambalyal made a detailed study and readings of various appliances were taken and carried out the Energy audit along with the safety parameters.

We hope the points presented will be self-explanatory, if there is need for any clarification, we are open for discussions.

EXECUTIVE SUMMARY.

We are not in a position to compute the carbon footprint at this point of time as the basic information from each of the students is yet to be collected; however, **we will discuss the Carbon Foot print in the follow up compliance report.**

Wishing the team a great success, we deeply express our gratitude and heartfelt "THANKYOU" for allowing us to assess the energy flow scenario there by the GREEN STATUS.

Mallikarjun A. Kambalyal. B.E.(E&C).

Certified Energy Auditors (EA-3485)

SUNSHUBH RENEWABLES & RESEARCH CENTRE

LIMITATIONS:

Our recommendations are in the interest of conservation of Electrical Energy and Green Culture i.e. the reduction in CARBON FOOTPRINT. The compliance to the recommendations will be subjected to meeting the safety and Environmental rules and guidelines.

AUTHENTICATION & DATE OF ENERGY AUDIT:

This Energy Audit has been carried out on 12th June 2020 under the instructions of Prof B I Karalatti Principal, and Prof. M C Karabavi, Audit Co-Ordinator

GREEN AUDIT REPORT

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year,

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ONGOING STATUS:

It's an optimistic & highly dedicated team effort lead by the Principal & the senior staff who have dedicated all their wits & free time to initiate Green Carpet the entire college premises. It is also a fact that there do exist, few short comings which however is unintentional & on being trained & educated the campus should look for continued minimized waste generation. With all due appreciation to the management, staff involved & cooperation by the students, we have made few suggestions which on implementation, will reduce, demand for water & electrical power. It will also reduce the existing level of pollution to bear minimum.

There is high potential among the students to be educated and spread the knowledge of going ZERO waste generation in their respective colonies and society they dwell in, contributing positively to the cause of

NO WASTE – NO POLLUTION – NO HEALTH HAZARD.

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DISCUSSIONS ON EXECUTIVE SUMMARY:

Energy Audit.

Aerial View of the College Campus.



The campus is spread over scenic, elevated terrain. The Rocky structure makes things great for beatification with local flora and fauna. The campus has good opportunity to nurture the knowledge among the students from Biology, Physics and Geology.

We have discussed one such opportunity for the students and team of faculty from Physics department.

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Walk through the campus gives an indication for gravity flow of water flow. The management can explore free flow water supply to all the usage points in the campus.

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As seen from the top floor.

The water reservoir is located at an elevation of 579 Mtrs. The Highest point ie., the overhead water tank is placed at an elevation of 572 Mtrs, ie for the girls hostel. The other overhead tanks are at much lower heights.

Looking at the contours, we have a clear height of 7 Mtrs ie around 23 Feet. This is a good elevation to fill the topmost overhead tank by gravity. With autostop valve settings, the overhead tanks can always be kept filled without consuming any energy to pump.

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The use of pumps to fill the overhead tanks and use of sump may be avoided if the gravitational energy is put to good use. On the contrary, the students of Physics department may be asked to study the Hydal energy potential and measure the torque, design a turbine that can be used to charge the batteries. These charged batteries can be used to energise the energy needs.

This concept can be utilized for the downflow of water from the overhead tanks as well.

The system is feasible under the PICO Hydro system.

Pico hydro is a term used for [hydroelectric power](#), generation of under 25 [kW](#). It is useful in small, remote communities that require only a small amount of electricity. For example, to power one or two homes. Even smaller turbines of 200-300W may power a single home in a developing country with a drop of only 1 m (3 ft). A Pico-hydro setup is typically [run-of-the-river](#), meaning that dams are not used, but rather pipes divert some of the flow, drop this down a gradient, and through the turbine before returning it to the stream.

Calculating available power

Main article: [Hydropower](#)

A simple formula for approximating electric power production at a hydroelectric station is:

$$P = -\eta (\dot{m}g \Delta h) = -\eta ((\rho\dot{V}) g \Delta h)$$


where

- P is power (in watts)
- η (eta) is the coefficient of efficiency (a unitless, scalar coefficient, ranging from 0 for completely inefficient to 1 for completely efficient).
- ρ (rho) is the density of water (~1000 kg/m³)
- \dot{V} is the volumetric flow rate (in m³/s)
- \dot{m} is the mass flow rate (in kg/s)
- Δh (Delta h) is the change in height (in meters)
- g is acceleration due to gravity (9.8 m/s²)

Efficiency is often higher (that is, closer to 1) with larger and more modern turbines. Annual electric energy production depends on the available water supply. In some installations, the water flow rate can vary by a factor of 10:1 over the course of a year.

Considering the head, the potential can be explored. This initiative may not be able to meet the complete requirement of the building, however the benefits are,

- Need for energy to pump water is eliminated. Cumbersome water pipe lines can be avoided.
- The hydel power plant gives on field knowledge sharing venture.
- The students can perform the required experiments and also kindly the creativity among the children.
- **MOST IMPORTANT, THE COLLEGE CAN CONSIDER TO BOOST GOING GREEN AND PROJECT REDUCED CARBON FOOTPRINT.**

<u>Green Power</u>				<u>Category 7.1.2</u>																
<p>The Institute has Installed 10Kwp Solar Power working online. The billing is seen to be on Net metering.</p> <p>As per the bills made available, We find that the energy generation is varying between 0 KWh to 580 KWh.</p> <p>For 10 Kwp, under normal conditions, it is expected to generate minimum 4KWh per KWP installed. So per day energy generation should be around 40 Units. Ie over 30 Days, the energy generation should be around 1200KWh (units).</p> <p>Analysis statement:</p>																				
<table border="1"> <thead> <tr> <th>Billing period</th> <th>Energy Import</th> <th>Energy Export</th> <th>Energy Billed + is receivable - Is payable</th> </tr> </thead> <tbody> <tr> <td>July 2020</td> <td>58</td> <td>0</td> <td>- 522</td> </tr> <tr> <td>Dec 2019</td> <td>2229</td> <td>515</td> <td>- 1714</td> </tr> <tr> <td>Feb 2020</td> <td>2015</td> <td>581</td> <td>- 1434</td> </tr> </tbody> </table>					Billing period	Energy Import	Energy Export	Energy Billed + is receivable - Is payable	July 2020	58	0	- 522	Dec 2019	2229	515	- 1714	Feb 2020	2015	581	- 1434
Billing period	Energy Import	Energy Export	Energy Billed + is receivable - Is payable																	
July 2020	58	0	- 522																	
Dec 2019	2229	515	- 1714																	
Feb 2020	2015	581	- 1434																	
<p>In the present conditions and energy bills, analysis indicates variation between 0 to 580 Units (KWh) which is much less than 1200 Units for each billing cycle of the rated capacity. Ie., bellow 50%. At times it is 0% as indicated in the July 2020 energy bill made available (Billing period is not properly recorded as the same are believed to be not received.)</p> <p>It is advised to seek expert help to reconfigure the installation and gain more control over energy generation.</p>																				

This will help the organization meet all the energy needs and can export the excess. More importantly, the college can happily and prodly declare that the college is on **net zero energy use** Institute. It is advised to seek expert help to reconfigure the installation and gain more control over energy generation. While we suggest centralized solar power generation, we suggest the college meet all the energy needs during the working needs. On holidays, the energy can be exported, more importantly, the college can happily and proudly declare that the college is an **net zero energy use** Institute.



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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED										
SRTPV GENERATION ELECTRICITY BILL										
RRNO	A2295	21	Cost Of Purchase				Without Subsidy	With Subsidy		
							7.08	6.03		
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes roNo)				NO		
3	Name And Address	The Principal BLDE College R/o Jamkhandi								
4	Mtr.Rdr.Code	54006907	24	Gross Amount Payable to Consumer				0		
				Net Amount to be Paid by Hescom to Consumer				1040		
5	Tariff	LT-2(b)(i)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges		
6	Sanc Load	5KW								
7	Billing Period	01-07-2020 to 31-07-2020	I	Slab 1	8	75		600		
8	Reading Date	1st July 2020	II	Slab 2	0	0		0		
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				600		
10	Energy Recorded	(A) Energy Import	(B) Energy Export	Chrgy (Unit X Rate)						
11	Press Rdg	102699	27957							
12	Prev Rdg	102641	27957							
13	Difference (11-12)	58	0	Slab1	58	6.9		400		
14	Meter Constant	1	1	Slab2	0	0		0		
15	Total Engery Import/Export(13X14)	58	0	Slab3	0	0		0		
16	Net Import(Consumption) Export	58	0	Slab4	0	0		0		
17	(15A-15B=Plus /Net Consumption	58		24c	Total Energy Charges(=ii+iii+iv)				400	
18	(15B-15A=Plus/Net Expot)	0		24D	Tax%9				36	
19	Recorded MD	0	0	24E	Fuel Cost 0.06				3	
20	Power Factor	0.995		24F	Total Bill (24c+24d+24e+24a)				1040	
				24g	Power Factor Penalty					
II	SRTPV Meter Details	L&G 3Ph 5-30amps		24H	Arrears				0	
1	SRTPV Meter SLNo	12217763		25	Amount PAID RT					
2	Press Rdg	61096		28	Total Bill (24c-24h)					
3	Prev Rdg	61094		29						
4	Difference(2-3)	2								
5	Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM						
6	TOTAL			1040						

Assistant Accounts Officer
HESCOM-Jamkhandi

Asst Exe Engineer(Ele)
O & M Sub-Division HESCOM Jamkhandi

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED										
SRTPV GENERATION ELECTRICITY BILL										
RRNO	A2295	21	Cost Of Purchase				Without Subsidy	With Subsidy		
							7.08	6.03		
2	Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes roNo)				NO		
3	Name And Address	The Principal BLDE College R/o Jamkhandi								
4	Mtr.Rdr.Code	54006907	24	Gross Amount Payable to Consumer				0		
				Net Amount to be Paid by Hescom to Consumer				15828		
5	Tariff	LT-2(b)	A	Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges		
6	Sanc Load	5KW								
7	Billing Period	01-12-2019 to 31-12-2019	I	Slad 1	8	75		600		
8	Reading Date	1st Dec-19	II	Slad 2	0	0		0		
9	Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				600		
10	Energy Recorded	(A) Energy Import	(B) Energy Export	Chrgy (Unit X Rate)						
11	Press Rdg	97041	24979							
12	Prev Rdg	94812	24464							
13	Difference (11-12)	2229	515	Slab1	200	6.9		1380		
14	Meter Constant	1	1	Slab2	1514	8.15		12339		
15	Total Engery Import/Export(13X14)	2229	515	Slab3	0	0		0		
16	Net Import(Consumption) Export	2229	515	Slab4	0	0		0		
17	(15A-15B=Plus /Net Consumption	1714		24c	Total Energy Charges(=ii+iii+iv)				13719	
18	(15B-15A=Plus/Net Expot)	0		24D	Tax%9				1235	
19	Recorded MD	0	0	24E	Fuel Cost 0.16				274	
20	Power Factor	0.995		24F	Total Bill (24c+24d+24e+24a)				15828	
				24g	Power Factor Penalty					
II	SRPTV Meter Details	L&G 3Ph 5-30amps		24H	Arrears				0	
1	SRPTV Meter SLNo	12217763		25	Amount Paid RT					
2	Press Rdg	56033		28	Total Bill (24c-24h)					
3	Prev Rdg	54789		29						
4	Difference(2-3)	1244								
5	Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM						
6	TOTAL	1244		15828						

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED										
SRTPV GENERATION ELECTRICITY BILL										
RRNO	A2295	21	Cost Of Purchase				Without Subsidy	With Subsidy		
Account ID	5416231000	22	Whether the consumer has availed MNRE Subsidy(Yes or No)				7.08	6.03	NO	
Name And Adress	The Principal BLDE College R/o Jamkhandi									
Mtr.Rdr.Code	54006907	23	Gross Amount Payable to Consumer				0			
Tariff	LT-2(b)(i)	A	Net Amount to be Paid by Hescom to Consumer				21783			
Sanc. Load	5KW		Fixed/Demand Charges(kw/Unit Rate)	KW	CMC/ ULB IN Rs	Village panchayat	Charges			
Billing Period	01-02-2020 to 28-02-2020	1	Slab 1							
Reading Date	1st FEB-2020	II	Slab 2							
Bi-direction Meter SI No	BES 80806	24A	Total Fixed Chrges				600			
Energy Recorded	(A) Energy Import	(B) Energy Export								
Press Rdg	101391	27113	Charge (Unit X Rate)							
Prev Rdg	99376	26532								
Difference (11-12)	2015	581	Slab1	200	6.9	Yes	1380			
Meter Constant	1	1	Slab2	1234	8.15		10057			
Total Energy Import/Export (IX14)	2015	581	Slab3	0	0		0			
Net Import(Consumption) Export	2015	581	Slab4	0	0		0			
(15A-15B=Plus /Net Consumption)	1434	24c	Total Energy Charges(III+IIIIv)				11437			
(15B-15A=Plus/Net Expor)	0	0	Tax%9				1029			
Recorded MD	0	0	Fuel Cost 0.05				72			
Power Factor	0.9	24f	Total Bill (24c+24d+24e+24a)				13138			
SRTPV Meter Details		L&G 3Ph 5-30amps	Power Factor Penalty							
SRTPV Meter SI No	12217763	24H	Arrears				8645			
Press Rdg	59815	25	Amount PAID RT							
Prev Rdg	58459	28	Total Bill (24c-24h)							
Defference(2-3)	1356	29								
Meter Constant	1		Net Amount to be Paid by Consumer to HESCOM				21783			
TOTAL	1356									

Placing of Batteries

Category 7.1.1, 7.1.2, 7.1.3 and 7.1.5

BATTERY PLACEMENT:

The batteries should be placed on an

1. insulated platform not touching any of the metal frames.
2. Need cross ventilation for favorable breathing.
3. Provision for periodical checking and maintenance should be made possible without major obstacles.

In absence of the above placement conditions,

1. The batteries will discharge faster.
2. The charging time and current will increase as there is the return path for self discharge.

3.

A well maintained battery is known to serve for more than 7 years.



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The presence of oxidation marks at the point of contact should not develop over the time.

We strongly advice for regenerating the batteries once every 3 to 4 years so that they serve over 15 years in lieu of 5 years under present conditions.

A well maintained battery will draw less charging power, ie saves on energy consumption, delivers more energy per charge thus resulting in better serviced life.

For more information on battery
Contact Sunshubh renewables & research
centre, Hubli
ceo@sunshubhrenewables.com



Batteries stacked without ventilation.

Electrical Power Usage:

It is important to understand the significance of the Energy use implication. The use of electrical power has been observed to be unnecessary. The administration should initiate to keep all unwanted and unused appliances switched off.

It is observed that the lights are left switched ON at majority of places and thus causing financial losses to the management and energy loss to the country.



Light Intensity & Occupancy

sensor



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SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

Solution:

It is therefore required to install Light Intensity Sensors in all the rooms.

Lighting improvements should be carried out by using T5/LED or The Induction Light systems in lieu of normal tube lights. If the finance department permits, it is advised to install 40W Induction lamps in all classrooms.

Source : Can be locally procured, However the load based selection is key aspect in its installation. To set the visibility, the intensity of natural light is much stronger and hence LUX based setting doesn't work. Hence the technical supervision is key aspect.

We suggest to allocate this to the Physics stream of students to understand the science and application of technology.



It is important to discuss some more on the below clipping. This was picked up from the College website.

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Light Intensity Sensor requirement.

It may be seen that the Light is illuminated. However, it has not made any significant presence on the visibility. The shadow indicates natural light coming from the windows is brighter.



Natural light is more predominant than the tube light. Hence tubelight being switched off has no adverse effect. However, it would save on the energy consumption and contribute to green practices.

<p>NATURAL LIGHTING:</p>	<p>Category 7.1.1, 7.1.2, 7.1.3 and 7.1.5</p>
<p>It is found that the windows have been blocked and also at some areas need to be maintained clean, if not it calls for switching on internal lights. If the windows are cleaned at regular intervals, it will help in increasing the illumination level in the room. Thus preventing switching on lights during day light.</p>	<p>Cupboards blocking natural day light should be avoided at all places in the campus.</p>

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It is also important that in no room the stacking of either the material or the placement of rooms should be allowed.

Projector placing.

Placing the projector near the entry door diverts the attention of the students and also the faculty.

The bright light camouflages the screen.

It may also be noted that the visibility of the presentation is lost due to high illumination and poor contrast. Hence all the projectors in the class room and meeting hall should be moved to a area with less interference and good contrast features. The image below, illustrates the hardship in reading the projected matter.

Category 7.1.1, 7.1.2, 7.1.3 and 7.1.5



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Windows:

Key observations and requirements on designing the windows.

Windows are necessary for natural lighting and for cross flow of air. However, In educational institutions, the point of concern is that, the distraction of attention.

It is seen that the windows are fitted with transparent glass. The glass should be translucent up to minimum of 4.5 feet. This is necessary to avoid distraction of attention of the students from external movements and happenings around.

The windows, if required to be kept open should be done keeping the distraction factor in view.

It has also been observed that the top part of the window, which is supposed to be the ventilator, has been permanently closed. It is necessary to open this part for indoor exhaust. In present situation, the warm air vented out by human breath gets trapped in the top layer and has no escape path.

As the room temperature rises, the ceiling fans, turned on, churns in the same warm air in the room creating feel of heaviness.

The college buildings is well engineered to allow the natural breeze to flow & maintain comfortable room temperature. However, it is barred by wrong design and placement of windows.

Hence, we strongly advise to keep all the ventilators' clean & open. If possible, work with wall mounted Fans to act in line with natural theory of science.



**Well designed windows results into
reduction of energy demand by 70%**

Stacking of racks in front of the window, prevents natural illumination. This calls for forced lighting. The air vents are totally blocked and results into lvery poor air circulation.

It is important to understand the impact of such conditions. Off late people have been complaining about dullness/weekness/vagueness and similar sense of health condition. It is important to understand the basic cause.

For all such situations, it is observed and is natural practice to go out for few minutes and start all over again. This is the situation commonly termed as **SICK BUILDING SYNDROME**. The effects of sick building syndrome are well discussed and the management should consider these aspects when utilizing the space.

WE strongly suggest to seek opinion of the subject expert and relay the stacking arrangement and sitting/reading/studying tables.



In the present situations **COVID 19 pandemic** its very significant.



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<p>Few illustrations and remedial measures.</p> <p>Open the top part of the high-rise windows for natural ventilation.</p>	
<p>Newly made aluminum windows should be placed such that the opening is provided at the upper part and the lower portion with translucent panels.</p>	<p>Category 7.1.1, 7.1.2, 7.1.3 and 7.1.5</p>
<p>Fuel leakage & Safety:</p> <p>The regulators when not connected to the cylinder bank should be placed in proper order. This avoids possible damage.</p>	

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The beautiful structures planned by the administrators and built by the management clearly indicate that they are concerned about the environment and are committed to deliver good sense of civic discipline and knowingly or unknowingly are exhaling the process of heading towards **ZERO CARBON FOOTPRINT**.

When the infrastructure is in place, the staff are inclined to perform there is nothing that can stop from achieving the required. What is required is the orientation and awareness sessions on the right use.

The designated staff be trained in understanding the needs and allowed to test their innovative skills to move towards Green practices will accelerate the process of green revolution.

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ACTION PLAN SUMMARY:

- Earmark the action plan.
- Invite subject experts for Tec talks,
- Organize in person panel discussions and interaction to propagate the knowledge and mitigate the problems in practicing the same.
- Prioritize the initiatives and execute.
- Observe the benefits and shortcomings.
- Workout further improvement by involving the staff and students.

MODE OF ACTION:

- The process of ENERGY AUDIT & ENERGY CONSERVATION should be carried out in three steps.
- Good housekeeping practices using available manpower.
- Minor alterations using in house work culture with minimum investments on accessories as discussed.
- Capital investments, which may be required for installation of new methodologies may be taken up on phased manner.

We will be happy to assist you for any further advice/consultancy if required either on Rainwater management or on any of the measures discussed in the report.

We hope the measures are implemented in good spirit and to human convenience and comfort.

For SUNSHUBH RENEWABLES & RESEARCH CENTRE

Mallikarjun A. Kambalyal. B.E. (E&C)
Certified Energy Auditors EA-3485
Note Sheet:

GREEN AUDIT REPORT

THOUGHT FOR EVERY MOMENT

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ENVIRONMENT AUDIT REPORT

FOR THE YEAR 2019-20



BLDEA's Comm, BHS ARTS & TGP Science College,
Jamakhandi

KARNATAKA

BASED ON BEST PRACTICES.
CONSERVATION OVER EFFICIENCY: EDUCATE,
PRACTICE, ADVOCATE & MANAGE.

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EXECUTIVE SUMMARY.

SrNo	Obse- rvation*	Problems*	Resulting losses*	Remedial measures*	Capital*	Projected savings*	Cate gory
1	Rainwater Manage- ment	No serious water problem seen but anticipate d.	Need quality water for social existence.	Structured approach to retain the rainwater within the campus.	Yes, Capital intensive	Improved quality of water and high yield. Calls for reduced pumping hours and eliminate or reduce need for water conditioners.	7.1.4
2	Surface water	Runoff to drain	Wastage of precious pure water	Divert to specified point near to borewell.	Rs. 50000/-		
3	Water manage ment	Flooding bottle watering			Nil, use of used water bottles	Minimized water use, manpower and spillage.	
4	Solid Waste Manage ment	Spillage of waste	Dirty used packages in and around the college	Awareness to place the waste in right place.	Already in place, however , needs to be refined.	Reduced cleaning hours and good hygienic conditions.	7.1.3
5	Personal Health	Used Sanitary pads dispensing unit is not in place.	Open area disposal	Incinerator to be placed at convenient point and proper training is	Nil	Clean and safe health.	7.1.3

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Sr No	Observation*	Problems*	Resulting losses*	Remedial measures*	Capital*	Projected savings*	Category
				given to the students to make use of it.			
6	Used Battery disposal	Environmental hazard.		Regenerative approach.			7.1.3
7	Work culture	Paperless office, as discussed in detail.					
8	Cumutatio n and safe distancin g	Parking	High energy consumers	LED lights of appropriate ratings.	Rs.80/- to Rs.250/- per unit	Rs.175/- per tube per annum. ROI of 1 years.	7.1.6
9	Natural Lighting	Un cleaned windows and ventilators, forced switching on of tube lights	High energy bills	Clean the windowpanes and allow maximum natural light penetration.	Nil, part of routine, In house manpower.	Substantial cost of energy bills on lighting.	7.1.2 7.1.6
10	Natural Ventilatio n	Permanen tly closed ventilators.	Creation of hot air pockets below the ceiling.	Open the Ventilators for easy exit of hot/warm air from the rooms.	Nil, In house manpower.	Eliminates use of Electrical Fans and Substantial cost of energy bills	7.1.2 7.1.6
* For details please follow the discussions in the report.							

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ACKNOWLEDGEMENT:

SUNSHUBH RENEWABLES & RESEARCH CENTRE is pleased to express its sincere gratitude to the management of BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA, *for entrusting SUNSHUBH RENEWABLES & RESEARCH CENTRE with the assignment on Green Earth practices based on Educate, Practice, Advocate & Manage the resources in their educational organization.*

We acknowledge the assignment allocation sent by Email on 19th Oct 2019.

We also wish to thank Prof B I Karalatti Principal, and Prof M C Karbhari, NAAC Audit Co-Ordinator, who have been constantly following with the Carbon Handprint initiatives and developments in the college. It was on their instance that we got to evaluate the initiatives undertaken.

The officials and the maintenance staff for the help rendered during the energy flow study.

We would fail if we neglect to appreciate the sincere efforts put in by the Faculty Members,

- Dr. N M Rolli, HOD Botony
- Prof R C Shet, HOD Chemistry.
- Dr. (Prof) V S Kulkarni, HOD Statistics
- Prof S B Kamati, IQAC Coordinator
- Prof Y B Hotti, Dept. of Physics
- Asst Prof Anand Uppar Audit Co-ordinator
- The Students who against all odds have kept the college premises clean to the possible limits.

Without the crucial and significant support from the fellow teaching team the potential energy saving options and carbon footprint reduction would not be a reality.

With the motivational support of the management, ground realistic support from teaching team and sincere efforts of the students in incorporating the change (habits) and instructions, the college could effectively declare the reduction in Carbon footprint and optimize the waste reductions.

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ENVIRONMENT AUDIT COMPLETION CERTIFICATE

Credentials attached 7.1.6

I, Mallikarjun A. Kambalyal endorse and confirm that This ENVIRONMENT Audit has been carried out on 12th June 2020 under the instructions of Prof B I Karalatti Principal.

This report is generated based on the site visits and evidence collected from the site.

All attempts have been made to evaluate the scope for development and inculcate green practices in the campus and extended throughout the campus. The focus is also laid to make positive impact on the society for a better living.

I also confirm and sign this certificate, in case the institution needs demonstration, my team of professionals shall be happy to do so.

We present this report to fulfill the citizens moral responsibilities much more than the legal or mandatory compliances. This report is tabled in two parts. The first forms the core discussions which are general in nature. The second section is subject specific under the statutory requirements of the NAAC accreditation norms. They are Audit reports on, Green aspects, Energy aspects, Environment aspects, Health aspects and the discussions on net CARBON FOOTPRINT & the CARBON HANDPRINT initiatives.

Any modifications, changes, omissions after the site visit shall be exclusive.

Authorised Auditor.

Mallikarjun A. Kambalyal B.E (E&C)

Certified Energy Auditors EA-3485& ISO 50001:2011 & ISO14001:2015 Lead Auditor.

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BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-3485** Serial Number: **2838**

Certificate Registration No. : **2838**

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **Mallikarjun A Kambalyal** Son/Daughter of Mr./Mrs. **Andanappa V Kambalyal** who has passed the National Examination for certification of energy manager held in the month of **April 2006** is qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate and shall be renewable subject to attending the prescribed refresher training course once in every five years.

His /Her name has been entered in the Register of certified energy manager at Serial Number **2838** being maintained by the Bureau of Energy Efficiency under the aforesaid regulations.

Mr./Mrs./Ms. **Mallikarjun A Kambalyal** is deemed to have qualified for appointment or designation as energy manager under clause (1) of Section 14 of the Energy Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **7th** day of **February, 2013**

Secretary
Bureau of Energy Efficiency
New Delhi

Dates of attending the refresher course	Secretary's Signature	Dates of attending the refresher course	Secretary's Signature
28.01.2020			

Bureau of Energy Efficiency Egd No: EA3485

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Certificate of Successful Completion

Intertek

This is to Certify that

MALLIKARJUN A KAMBALYAL

has successfully completed the

Intertek

**CQI & IRCA Certified ISO 14001:2015
Auditor Conversion Training Course**

The Course includes the assessment and evaluation of Environmental Management Systems to conform to the requirements of ISO 14001:2015 and ISO 19011:2011

*This course is certified by the Chartered Quality Institute (CQI) and the International Register of Certificated Auditors (IRCA)
– IRCA REFERENCE 18093 –*

The course meets the training requirements for individuals seeking certification under the IRCA Auditor Certification Schemes



Authorising Signature: Vystra Sreenivasa

Course Dates: 14th – 16th July 2017

Certificate Number: 47730

Membership Application To Be Made Within 3 Years From Last Day of Course

121807

ISO Certified Lead Auditor. Certificate No: 47730

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bsi.

BSI Training Academy

This is to certify that

Mallikarjun A. Kambalyal

has attended and passed

**Energy Management Systems (ENMS) Auditor/Lead Auditor Training Course
(ISO 50001:2011)**

Premanand Ramakrishnan, Director of Training

Date: 14/04/2016 - 18/04/2016

Certificate Number: ENR-00253448

This certificate is valid for 3 years from the date above for the purpose of registering as an auditor with IRCA.



Course number A17583 certified by IRCA

...making excellence a habit.™

The British Standards Institution is incorporated by Royal Charter.
BSI India, The Mira Corporate Suites (A-2), Plot 1 & 2, Inner Ring Road, Marolli Nagar, Maharashtra Road, New Delhi 11 0065, India Tel: +91 11 2652 9000

ISO Certified Lead Auditor. Certificate No: ENR-00253448

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Carbon Footprint audit objectives.

Know

- Why?
- Where?,
- What?,
- When?,
- How?,

about this Audit and the objectives

Carbon Footprint Audit was initiated in the beginning of 1970's, with the motive of inspecting the work executed within an organization, whose exercises could cause risk to the health of inhabitants and the environment. It exposes the genuineness of the proclamation made by the organisation with the concern on health issues. As a consequence of their operations with respect to environmental pollution it is the duty of the organisation to carry out the Carbon Footprint audit of the ongoing processes for various reasons, such as,

- To make sure whether one is performing in accordance with the relevant rules and regulations,
- To improve the procedures and aptness of material in use,
- To analyse the potential duties and to determine a way which can lower the cost and to the revenue outflow.

Through Carbon Footprint Audit one gets adoration as to how to improve the condition of the environment. There are various factors that were forced upon and determine the growth of/or conduct of Carbon Footprint audit. Incidents like,

- Decades old Bhopal gas tragedy, that has left its residual effect which still haunts us.
- Our buildings catching fire due to various reasons,
- Industries blowing off taking valuable human lives etc,
- People going sick, feeling tired, after long hours of operations in the organization,
- Increased demand of generators due to inconsistent power supply, which has resulted or lead into recent floods and droughts,

are some of the situations to ponder about.

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To address various issues in context with human health, Environment audit is assigned to "Criteria 7" of NAAC (National assessment and accreditation council) accreditation. NAAC is a self-governing organization in India that declares the institutions as Grade "A", Grade "A+", or Grade "A++"..., according to the scores assigned at the time of accreditation.

The other intention of organising Carbon Footprint audit is to update the environment conditions in and around the institutions i.e., within the compound and outside the compound. It is carried out with the aid of performing certain tasks like waste management, energy consumed, diesel burnt it performing the objective of the organization. Lastly to self-assess the net carbon footprint of the conduct of process in the organization.

The goals of Carbon Footprint audit

- The purpose of carrying out Carbon Footprint audit is securing the environment and cut down the threat posed to human health.
- To Make sure that rules and regulations are complied with.
- To avoid the environmental interruptions that are more difficult to handle and their corrections call for high cost.
- To suggest the best protocol for adding to sustainable development.
- To execute the process of the organisations utilising minimum natural resources and efficient use of those resources contributing to minimum waste generation.

How is is the Carbon Footprint audit conducted

Pre-audit

- Planning
- selecting the team of auditors both internal and external
- schedule the audit facility
- acquire the background information
- visit areas under audit

On site conditions:

- Understand the scope of audit

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- Analyse the strengths and weaknesses of the internal controls
- Conduct audit with end user comfort focused and making it easy to perform.
- Collect necessary evidence so that the stakeholders stand to understand how and where they are going wrong in the process of their conduct.
- Post audit draw the report based on the data collected.
- On confirmation of the preliminary report, draw a final report of the observations and inference with accuracy more near to implementable way.
- Discuss various remedial measures for alternatives if required.
- Prepare an action plan to overcome the shortcomings with continual observation on the action plan initiated.

Steps under Carbon Footprint audit

Water audit: Water is one of the cheapest commodities next to the Air we breathe. Although we Indians, use less water in comparison to western countries. However, the extent of pollutants that we leave behind has polluted all the resources including the deep well.

Rainwater harvesting is one of the best techniques that can be adopted by harvesting the rainwater and using it at the time of scarcity. the audit team to observe and investigate the relevant methods that can be adopted and implemented and draw the balance of use of water.

Waste management audit: The point of generation of waste, the type of waste generated, ie hazardous, recyclable and organically compostable wastes and segregating method at the point of generation for easy and best way to handle the same. Evaluating such methods to minimise the use of resources in the process of their management.

Energy audit: It deals with use of energy in the conduct of the process. The priority is topmost for conservation over efficiency; hence, energy audit or should always consider not to use the energy if necessary. At best it can be used judiciously.

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Environmental quality audit: It analyses air quality, noise level and the programs undertaken by the institution for plantation creating awareness of trees around us and how nature provides us with remedial measures within its framework.

Health audit: In the process of use of resources and conduct of the activities, they can develop impact on human health, that might be off minutely harmful, cause permanent disorder or may even cause death. Occupational health hazards are discussed in detail and the stakeholders are informed of the same and required necessary remedial measures indicated.

Renewable energy: To make in organisation net zero net zero carbon emission use of renewable resources including energy such as solar wind biogas geothermal energies are put into ooh utilisation.

Carbon handprint: The net impact All the above components of Carbon Footprint Audits are to make an organisation contribute zero emissions which are called bye bhai use of water generation of waste use of energy environmental damage health damage and finally to explore if the campus or direction can go in in contributing to third-party emissions minimising

Benefits of Carbon Footprint audit: To draw home the benefits, the system has been separated out into various audits as listed above. In doing so, and if audit findings are effectively implemented there are many advantages that can be practiced in the process

- Recognise the cost saving methods through waste minimising and managing technologies.
- Point out the prevailing and forth coming complications.
- Authenticate conformity with the legal requirements.
- Empower the organisation to frame a better environmental performance.
- Portray a good image of the institution which helps build better relationships with the groups organisations, stakeholders in and around its operations

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meani ng 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year,

SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

- Enhance the alertness for environmental guidelines duties and conduct of preparedness for any eventualities due to environmental disasters.

DAY's CARBON HANDPRINT PLEDGE

DAY's CARBON HANDPRINT PLEDGE (proposed)

(indicative templet for display at all prominent areas, classrooms, waiting rooms, canteen, library, relaxing areas in the campus.)

We, The Principal, staff and students, adopt responsible practices in our daily activities with due regard to the environment. We set and continually review objectives and targets for achieving our goal to protect our entire college premises from all pollutions primarily.

We seek to compile with safety and environmental regulations to implement inhouse standards to improve our environmental performance.

We commit ourselves to the safe operation of all our working habits, be it in classrooms, library, canteen, on road, off road, in-campus out-campus as well as at our place of stay.

We adhere to reduce environmental load by efficiently using resources, saving energy, reducing waste, encouraging material recycle, with special emphasize to minimising emissions of greenhouse gases, ozone depleting substance and particle matter. we endure to minimise environmental loads and adopt environmentally friendly technologies when ordering and purchasing necessary products and resources.

We endure to attend educational programs and promulgate our close friends and colleagues to follow suite

We endure to ensure that we recognize the essence of this Environment policy by actively and aggressively conducting workshops and training to all in environmental concepts.

We make wide ranging social contribution to close association with the students, teaching staff, administrative staff, housekeeping staff by disclosing environmental information and supporting environmental consumption.

Principal

Vision Statement of the institute

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Core Values of the Institution

Overview of the institution.

Vision

To empower our students with modern education based on indian culture and heritage to transform their potentialities into realities

Mission

To empower our students with modern education based on indian culture and heritage to transform their potentialities into **realities**

Goal

To see the overall developments of the students physically, mentally, culturally and spiritually sound and convince to withstand challenges in the age of information and technology

Objectives

- To facilitate learners to acquire knowledge.
- To sensitize on Environment, Ecology and Heritage.
- To promote a sense of National integration.
- To facilitate career guidance and counseling.
- To make the students physically fit, mentally sound, emotionally balanced and socially admirable.

Affiliation

Affiliated to Rani Channamma University, Belagavi

The upkeep of the campus speaks for their concern to the environment. With few corrective measures the college can consider to move towards being **CARBON NEUTRAL**

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DAY's ENVIRONMENT USE PLEDGE**DAY's CARBON HANDPRINT PLEDGE (proposed)**

(indicative templet for display at all prominent areas, classrooms, waiting rooms, canteen, library, relaxing areas in the campus.)

We, The Principal, staff and students, adopt responsible practices in our days Environment use with due regard to the environment. We pledge to avoid using electrical power where not needed. We also pledge to use judiciously the electrical power by using Energy efficient products.

We shall practice to switch off all appliances when not in use.

PURPOSE:

To realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality, and improve energy efficiency on campus through methods that are consistent with a safe, secure, and inviting campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach to providing energy efficient, responsible, and cost effective operations on campus. This policy will be reviewed and updated periodically as public awareness, management techniques, and technologies change.

APPLIES TO: Faculty, staff, students, and visitors.

CAMPUS: BLDEA's Comm., BHS ARTS & TGP Science college,
Jamakhandi KARNATAKA

We pledge to speak in open forums for the energy conservation first, Energy Efficiency next and eliminating of High Energy use appliances for better or low energy use one's.

We commit ourselves to the safe operation of all our needs, be it in classrooms, library, canteen, on road, off road, in-campus out-campus as well as at our place of stay.

We adhere to reduce environmental load by efficiently using resources, saving energy, reducing waste, encouraging material recycle, with special emphasize to minimising emissions of greenhouse gases, ozone depleting substance and particle matter. we endure to minimise environmental loads and adopt environmentally friendly technologies when ordering and purchasing necessary products and resources.

We endure to attend educational programs and promulgate our close friends and colleagues to follow suite.

We endure to ensure that we recognize the essence of this Energy use policy by actively and aggressively conducting workshops and training to all in environmental concepts.

We make wide ranging social contribution to close association with the students, teaching staff, administrative staff, housekeeping staff by disclosing Energy use (Star rating appliances) information and supporting minimized consumption of Energy.

Principal

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FACTORS CONSIDERED.

Source :

https://en.wikipedia.org/wiki/Bagalkot_district

Keeping civilized and self-sustainable growth contribution, all discussions in the report are based on the factors driving the civilization of the city and the nearby areas and their work culture.

All the discussions in the report evolve around the social existence of the citizens, the economic contribution factors, The industrial establishment and opportunities for entrepreneurship.

Jamkhandi has been a historic place once ruled by Raja Patwardhan of Poona in pre-independence period. Raja Patwardhan, who had a great foresight and love for education, started educational institution at higher secondary level in a giant building in the heart of the town. He extended his co-operation and support for spreading education till the last day of his regime.

There were no higher educational institutes in Jamkhandi for the aspirants to pursue higher education. However, Raja Patwardhan continued his support by inviting outstanding students of this area to Poona for continuing their higher education at S. P. College and provided free board and lodging facilities even in post-independence days. This was not sufficient to cover people of all the sections of society.

In such circumstances, the B.L.D.E. Association took up step and started Commerce, B.H.S. Arts and T.G.P. Science College in Jamkhandi in the year 1963. It is housed in the beautiful palatial buildings situated on the hillocks of Jamkhandi. The College has been permanently affiliated to the Karnatak University, Dharwad and now switched over to Rani channamma University, Belagavi.

The liberal donation from Smt Bhagirathibai Hanumantagouda Savakar of Bidari (B.H.S.) and Sri Gurusiddappagouda Patil of Tungal (T.G.P.) paved the way for providing the necessary infrastructure to this college. The college was named after the donors to commemorate

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their contribution. It made its humble beginning with a meager number of just 200 students and the strength has now crossed more than 4300. By envisioning the instinctive talents of this semi-urban area, this college has been adding knowledge and experience to the students of KrishnaRiver belt in its own unique way.

The college has been imparting education in 3 faculties viz., Arts, Science, Commerce, BCA and BBA at the under graduate level and M.A.History),M.A (Pol.Science) and M.Com. at the post graduate level. M.Sc. in Mathematics course will be started from the academic year 2015-16. It has now been attracting the students from far and wide places. The college has celebrated Silver Jubilee during the academic year 1990-91 and heading towards Golden Jubilee. Earlier the college was a composite degree college covering both the PUC and the Degree programmes. In the year 2002 it was bifurcated into Pre-UniversityCollege and DegreeCollege. Since then both sections are functioning independently. Over the period of five decades, the college has also recorded its name in producing graduates who have now been serving in national and international sceneries. The trained and well qualified teaching and non-teaching staff of the college is doing its best to the expected level. To add academic flavour to it, the college includes 14 Ph.D. and 11 M.Phil laureates to its privilege.

N.C.C., N.S.S. and S.W.O. wings of the college have been functioning to fulfill the aims and objectives satisfactorily, for which they have been formed. There are well-equipped laboratories and library with a large number of books including volumes of recent editions and publications. The Computer Science, Physics and Electronics department have also been shaping the students to fit them for technical jobs. Well-furnished sports department has been training the students to the standards of University blues in various games every year. The college has national and international level sportsmen to its reputation. Since the inception of the college, it is known for its mode of conduct of examination and is a model in the entire area coming under the jurisdiction of the Karnatak University and Rani Channamma University. 53 students of our college have secured ranks at the University level till this academic.

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The college Library is housed in B.L.D.E. Association's Centenary Memorial Building which was constructed during the academic year 2010-11 at the cost of Rs. 1.14 crore and was inaugurated at the holy hands of Poojya Sri Shiddeshwar Swamiji of Jnan Yogashram, Bijapur. Swimming Pool, Ladies hostel, Gents hostel, Health Fitness Centre, Historic Polo ground, Botanical garden with a special and very rare species, and a campus with 54 acres 31 Guntas of open land are the special features of this college.

The college has been recognized by the University Grants Commission and included in the list of 2(f) and 12(B) of the UGC Act, 1956. The college has been accredited by the National Assessment and Accreditation Council (NAAC) with B+ grade in 2004 and has been re-accredited by NAAC with 'A' Grade during the academic year 2010-11. The College has been awarded Research Project worth Rs.60 lakh from Vision Group of Science & Technology Department, Government of Karnataka last year. The College Development Committee has been guiding, supervising and facilitating to improve the campus activities qualitatively.

Jamakhandi is a city in the state of Karnataka, India, which is also the industrial hub of Bagalkot district. It is situated on branch of River Krishna about 481 km (299 mi) northwest of state capital Bangalore, 410 km (255 mi) southwest of Hyderabad, and about 570 km (354 mi) southeast of Mumbai. The population of the urban agglomeration was 111,933 according to the provisional results of 2011 national census of India, and the city is spread over an area of 49.06 square kilometres (18.94 sq mi)^[2] with an average elevation of 532 m (1,745 ft) above MSL.

Education.

Bagalkot district has a number of educational institutions, including Basaveshwara Vidya Vardhaka Sangha, KLE's, BLDE's and Sakri Sangha. A number of colleges are affiliated with Rani Channamma University, Belgaum, Visvesvaraya Technological University, Rajiv Gandhi University of Health Sciences, Ramanagara. Basaveshwara

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Engineering College (BEC) was established in 1963. S Nijalingappa Medical College, HSK (Hanagal Shree Kumareswar) Hospital and Research Centre, Bagalkote is affiliated with Rajiv Gandhi University of Health Sciences.

The University of Horticultural Sciences (UHS) is headquartered in Navanagar, Bagalkote with its constituent colleges spread across the state.

Economy.

Agriculture is the largest employer in Bagalkot, with over 65% of the working population engaged in it; approximately 80% of female workers in Bagalkot are engaged in agriculture. Like most of north Karnataka, Bagalkot is very rich in black soil which is conducive to the cultivation of cotton. Bagalkot's economy was valued at US\$5.6 billion, making it the 12th largest economy in Karnataka. The approximate per capital income is US\$360. The chief crops cultivated are rabi and jowar, as well as groundnut, cotton, maize, bajra, wheat, sugarcane and tobacco. Jowar is largely cultivated because it can be grown during rainy seasons as well as during the winters. The crop also is the chief supply of food for the people. Pulses are also grown in the region, primarily tuvar daal, gram, kulith and mūng daal. Castor oil, linseed and sesamum are also grown in Bagalkot. Water supply for irrigation includes reservoirs such as the Kendur reservoir, which is six miles from Badami and the Muchkundi reservoir, which is 4 miles from Bagalkot. Famine due to lack of adequate rains is quite common in Bagalkot. A famine that struck the region in 1901 inflicted considerable financial loss to the agricultural industry in Bagalkot. The district has the fifth highest farmer suicide rate in Karnataka.^[18] Efficient water management techniques and government sops have only marginally mitigated the repercussions of the drought stricken district.

A sizable proportion of the population also consists of weavers. The chief manufactures are cotton and silk cloths. Large quantities of cotton yarn are also dyed and exported to other parts of the state and country. Most of the immigrants in the district are either money lenders or cloth merchants.

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Industries.

The focus sectors include agriculture, cement, sugar-based industries, silk and handloom industries.

It is one of the two handloom units (other is Dharwad) in India from where woven khadi is obtained and transported to Karnataka Khadi Gramodyoga Samyukta Sangha based in Hubli (which is the only licensed flag production and supply unit in India).

Many new industries are planning to begin in Bagalkot. New cement industries have been registered and are waiting for the permission to begin. There are other small-scale industries like Cement Pipe Industry which produce cement pipes, Bangle Industries which produce bangles, Match Stick Industries, Agarbatti Industries, Plastic Bag Industries etc. in Bagalkot. At the outskirts of Bagalkot city there are many small-scale industries set up. These come under the Vidyagiri area of Bagalkot city, which is the latest extension of the city. Small-scale industries like Ceramic Tile Industry, tyre industry, Stone Cutting And polishing Industry, milk Dairy etc. are running successfully. At Gaddanakeri there are many limestone industries and brick industries. The limestone industries produce lime for whitewash and painting. The brick industries produce bricks required for the construction of houses. There are local oil industries and oil refineries which produce oil from groundnuts, sunflower, sesamum orientale, cotton etc.



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BAGALKOT WEATHER BY MONTH //

WEATHER AVERAGES

Bagalkot									
<u>City</u>	Coordinates:  16.1817°N 75.6958°ECoordinates:  16.1817°N 75.6958°E								
<p>Bagalkot</p> <p>Location in Karnataka, India</p>	<table border="1"> <tr> <td><u>Country</u></td> <td><u>India</u></td> </tr> <tr> <td><u>State</u></td> <td><u>Karnataka</u></td> </tr> <tr> <td><u>Region</u></td> <td><u>Bayaluseeme</u></td> </tr> <tr> <td><u>District</u></td> <td>Bagalkot</td> </tr> </table>	<u>Country</u>	<u>India</u>	<u>State</u>	<u>Karnataka</u>	<u>Region</u>	<u>Bayaluseeme</u>	<u>District</u>	Bagalkot
	<u>Country</u>	<u>India</u>							
	<u>State</u>	<u>Karnataka</u>							
	<u>Region</u>	<u>Bayaluseeme</u>							
	<u>District</u>	Bagalkot							
	<u>Government Type</u>	City Municipal Council (CMC)							
	<u>Body</u>	Bagalkot CMC & BTDA							
	<u>Total Area</u>	49.06 km ² (18.94 sq mi)							
	<u>Elevation</u>	537.06 m (1,762.01 ft)							
	<u>Total Population (2011)</u>	112,090							
	<u>Density</u>	2,183/km ² (5,650/sq mi)							
	<u>Demonym(s)</u>	Bagalkotiens							
	<u>Official Languages</u>	<u>Kannada</u>							
	<u>Time zone</u>	<u>UTC+5:30 (IST)</u>							
	<u>PIN</u>	587101-105							
	<u>Telephone code</u>	08354							
<u>Vehicle registration</u>	KA-29, KA-48								
<u>Website</u>	<u>bagalkot.nic.in</u>								

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	January	February	March	April	May	June	July	August	September	October	November	December
Precipitation / Rainfall (mm)	0	3	5	30	66	80	113	87	145	124	24	6
Max. Temperature (°C)	30.2	32.5	35.2	36.2	35.7	30.9	28.3	28.5	29.4	30.3	29.5	29
Min. Temperature (°C)	16.8	18.3	20.8	22.7	23	22	21.5	21.3	21	20.6	18.4	16.5
Avg. Temperature (°C)	23.5	25.4	28	29.4	29.3	26.4	24.9	24.9	25.2	25.4	23.9	22.7

Data: 1982 - 2012

The difference in precipitation between the driest month and the wettest month is 145 mm | 6 inch.

The variation in temperatures throughout the year is 6.7 °C | 44.1 °F.

Source : <https://en.climate-data.org/asia/india/karnataka/bagalkot-51062/>

Average annual rainfall recorded is around 683mm.

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LIST OF INSTRUMENTS:

During the process of the Audit, the following lists of instruments were (considered for) use (wherever applicable).

Sr No.	INSTRUMENT	MAKE	APPLICATION
1	Digital Power Analyser(PC Interfaced)	SCHIVAN ARNOX	Electrical Machinery.
2	Accessories -3000 Amps	ARNOX	Higher load UPTO 3000 Amps,
3	Accessories -200 Amps	ARNOX	UPTO 200 Amps,
4	Thermal Imager	FLIR	Identify loose contacts and bearing losses
5	Power Analyser (Manual)	MECO	Electrical Machinery.
6	Infrared Thermometer	METRAVI	Thermal (Fuel) Energy.
7	Digital (Contact) Temperature & Humidity Meter.	METRAVI	Electrical Machinery. (A/C's And Cooling Towers)
8	Digital Tachometer	METRAVI	Electrical Machinery.(A/C's And Cooling Towers)
9	Lux Meter	METRAVI	General & Task Lighting.
10	Sound Level Meter	METRAVI	Electrical Machinery. Generator Sound Proofing
11	Digital Anemometer	METRAVI	Electrical Machinery.(A/C's And Cooling Towers)
12	Digital KW Meter	METRAVI	Electrical Machinery.
13	Digital Power Factor Meter	METRAVI	Electrical Machinery.

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Sr No.	INSTRUMENT	MAKE	APPLICATION
14	Lap Top Computer	HP	To Interface The Instruments For More Accurate -Sophisticated Readings In Sensitive Equipments.
15	Ultrasonic flow meter		Measure liquid flow.
16	Portable Vibration Meter.	METRAVI	Structural Stability
17	Live cable detector probe	-	Detect hidden cables for safety audit.
18	Power Analyser – EMM 5	Beluk	For remote communication and detailed audit.
19	Power Analyser – ELITE PRO	Beluk	Power Analyser.
20	PT's for Transformer audits.	KALPA	On field auditing of transformer loading and imbalance evaluation.

Only appropriate instruments were used wherever necessary.

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ABOUT ENVIRONMENT AUDIT:

BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA has asked SUNSHUBH RENEWABLES & RESEARCH CENTRE, Hubli., to conduct the Environment Audit for their Institution.

In this context, the management of the Institute represented by Prof B I Karalatti Principal, entrusted us the task of conducting the feasibility study to reduce energy consumption and adopt green habits.

SUNSHUBH RENEWABLES & RESEARCH CENTRE represented by Mr. Mallikarjun A. Kambalyal made a detailed study and readings of various appliances were taken and carried out the Environment audit along with the safety parameters.

We hope the points presented will be self-explanatory, if there is need for any clarification, we are open for discussions.

EXECUTIVE SUMMURY.

We are not in a position to compute the carbon footprint at this point of time as the basic information from each of the students is yet to be collected; however, **we will discuss the Carbon Foot print in the follow up compliance report.**

Wishing the team a great success, we deeply express our gratitude and heartfelt "THANKYOU" for allowing us to assess the energy flow scenario there by the GREEN STATUS.

Mallikarjun A. Kambalyal. B.E.(E&C).

Certified Energy Auditors (EA-3485)

SUNSHUBH RENEWABLES & RESEARCH CENTRE

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LIMITATIONS:

Our recommendations are in the interest of conservation of Electrical Energy and Green Culture i.e. the reduction in CARBON FOOTPRINT. The compliance to the recommendations will be subjected to meeting the safety and Environmental rules and guidelines.

AUTHENTICATION & DATE OF ENVIRONMENT AUDIT:

This Environment Audit has been carried out on 12th June 2020 under the instructions of Prof B I Karalatti Principal, and Prof. M C Karabavi, Audit Co-Ordinator

GREEN AUDIT REPORT

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year.

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ONGOING STATUS:

It's an optimistic & highly dedicated team effort lead by the Principal & the senior staff who have dedicated all their wits & free time to initiate Green Carpet the entire college premises. It is also a fact that there do exist, few short comings which however is unintentional & on being trained & educated the campus should look for continued minimized waste generation. With all due appreciation to the management, staff involved & cooperation by the students, we have made few suggestions which on implementation, will reduce, demand for water & electrical power. It will also reduce the existing level of pollution to bear minimum.

There is high potential among the students to be educated and spread the knowledge of going ZERO waste generation in their respective colonies and society they dwell in, contributing positively to the cause of

NO WASTE – NO POLLUTION – NO HEALTH HAZARD.

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DISCUSSIONS ON EXECUTIVE SUMMARY:

Environment Audit.

Aerial View of the College Campus.



The campus is spread over scenic, elevated terrain. The Rocky structure makes things great for beatification with local flora and fauna. The campus has good opportunity to nurture the knowledge among the students from Biology, Physics and Geology.

We have discussed one such opportunity for the students and team of faculty from Physics department.

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Primary Considerations: Conservation practices that can be brought about in the campus contributing to use of natural resources.

Water is the primary source of energy and motivation factor for all good things that can happen in the world.

The gradient indicates that the complete campus rainwater can be pooled at a Point near the gotanical gargen and the same can be put to use at a later days.

RAIN WATERMANAGEMENT:

Category 7.1.4



These (blue) lines indicate gradient and the red lines illustrate the contour lines. The points on iso-contour lines may be linked and the trenches made.

This provides sufficient room and time for water percolation.

Precaution: The terrain is rocky. It is important that the width of atleast 1000mm and depth of around 1500mm be provided.

THOUGHT FOR EVERY MOMENT

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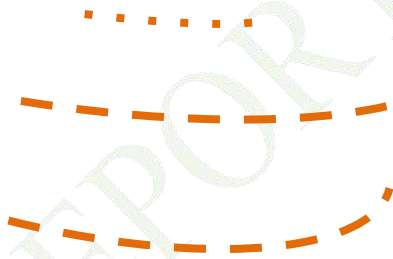
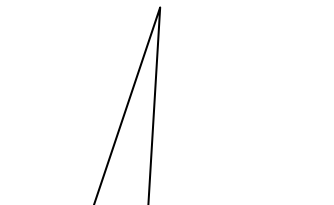
SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

FRONT GARDEN:	
<p>The college has a creatively used the center space for the amphitheatre. However, the rainwater if used to recharge the subsoil, the perennial plants down the slope would thrive with green cover during summer days when watering is through pumping system. The terrace water in the campus, flows along at random, there is a need for planed exit points & channelized to manageable area to avoid flooding at the low-lying areas. We suggest that the college discuss with the colleges in the campus and collectively take-up RAINWATER management project.</p> <p>What is visible is that the college is fully covered under the structured roof. And channelizing the roof water to a area near the borewell in front of the college. it should increase the quality of the water and more near to sweetness and less TDS count.</p>	

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<p>SURFACE WATER</p>	<p><u>Category 7.1.4</u></p>
<p>The water that hits the road may be channelized to the lowest point (Point A) along at random, there are no specified exit points provided & hence would flood the low lying areas.</p> <p>The fact that Water & Tar (Bitumen) do not go hand in gloves, the road should be made in such a way that the rainwater does not over stay. The road should be such that the water flows off across the road and at no stage the water should be allowed to flow along the road. Although the roads are lai, in future, It is advised to consider the use of perforated pavers as shown in the subsequent discussions.The runoff water can prove to be very resourceful if harvested judiciously.</p>	 <p><u>Illustrative</u></p>
<p><u>CONCRETE PAVERS:</u></p> <p>It is observed that the part of the open area in the college has been left open. The Rain water will runoff into adjoining areas. Hence, acting against the interest of water conservation measures &</p>	

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 be

decorated flooring

depriving the perennial plants around it from natural watering system.

It would be appreciated if the perforated pavers are used in lieu of the present system. This will help in increasing the greenery in addition to managing the Rainwater & preventing possible flooding.

SOLUTION:

Guide the terrace Rainwater to flow through the pipe. This helps to avoid dampening the walls and prevent defacing the inside part.

It also prevents down flow of rainwater at random.

WATER MANAGEMENT:

Category 7.1.4

Watering the plants in excess or not watering them hampers the healthy growth, it also result into wastage of water & increase manpower.

SOLUTION:



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Water management is advised as shown in the illustration here, using the waste plastic pet bottles. This will help in surface evaporation loss. For larger plants it is advised to incorporate mulching & using organic waste & cover with newspaper/wastepaper. The significance of newspaper to cover the mulched area draws the attention of the students & the visitors. Thus creating a platform for education & knowledge sharing.

SOLID WASTE MANAGEMENT

Category 7.1.3

It is highly appreciated & worth noticing the level of awareness of spillage. It was noticed that the college management is focusing to maintain cleanliness & spitting Gutka is banned. To keep the good going, it is important that we facilitate the provision for waste disposal. Hence, it is advised to place waste segregation bins. There is an urgent need for placing waste bins at regular distances. Ideally for every room there should be two bins placed in front of the class room .



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One in Yellow/Red and the other in Green in color.

It is necessary to educate the inmates to use to place degradable waste like food, paper and other vegetable waste in GREEN colored bin.

The plastic and other metal waste, should be placed in red/yellow colored bin.

This method imparts the sense of segregating waste at source and makes the task of handling waste simple.

It also makes room for revenue generation as the plastic and metal waste can be sold at a later date.

SOLUTION:

A very innovative concept of waste collection system has been introduced by the college near by @ Ilkal. A little change can be followed ie, colour the baskets and display its objective.

The green is to be used for organic waste and paper.

The yellow for Plastic and Metal waste.

Illustrative Corrective
measures

Plastic Bins



Metal Bins

Local Biodegradable

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<p>The red should be used for chemical, hygienic waste like medicinal packings, pads etc.,</p> <p>Ease of approach should make the clean & green practices self sustainable.</p> <p>By incorporating the segregation of the solid waste at the point of its source will make the task of handling it at the Vermicomposting pit easy and time saving.</p>	
<p>ORGANIC WASTE MANAGEMENT:</p>	
<p>The organic waste management system should be built and information on the benefits should be prominently displayed.</p> <p>It would be highly appreciated if it is on one side and in front of the college. The information displayed would educate the pupil of other institutes as well.</p>	 <p>Burning of Solid waste.</p>
<p>Use of Paper and waste management. The college need to work out a policy for paperless communication and record maintenance. The college within its purview can consider going paperless. To draw home the possibilities, We are presenting a technical article in reference to various areas it is made possible.</p>	<p>The copy can be downloaded using the link https://www.ijeat.org/wp-content/uploads/papers/v8i4/D6268048419.pdf</p>

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HEALTH HAZARD:	
<p>It is seen that the lady's room and the girl's room have been provided with the Sanitary Pad incinerator. However, the pads are not being fed to the incinerator or they are either left unattended or are disposed off in open area, this causes unhealthy living conditions and at times an embarrassment too.</p> <p>Hence it is necessary that the issue is addressed with top priority.</p> <p>Proper usage training is necessary for the inmates of the Hostel and to all the girls.</p> <p>Use of appropriate dispensing system will avoid water contamination in the days to follow.</p>	<p style="text-align: center;"><u>Indicative model</u></p>

<u>Disposal of used Batteries</u>	
<p>BATTERY PLACEMENT:</p> <p>The batteries disposal is a environment threat. The lead which is a major component has serious adverse effects. The acidic fumes damage the electronic components and when disposed to environment through uncertified local ragpickers either as scrap or buyback option, The institute stands to be morally responsible to such environmental pollution.</p>	

Hence the disposal of the batteries should be prolonged. This is possible by putting into use the Battery regenerative system

However, much before the regeneration It is good practice to make room for cross ventilation for the batteries to be placed in cool place.

The benefits include –

- In normal operating mode, the batteries are known to last for 5 to 6 years.
- With good working practice, they would last for almost three times the life.
- Prolonged life of the Batteries.
- Avoids acid fumes accumulation on the Batteries.
- Increased life of all electronic gadgets around the Battery bank.
- Delayed discarding of the Batteries avoids environment pollution and Revenue outflow for the organisation.

WE suggest to regenerate the batteries once every 3 years, so that the sulfur lining is minimized. If the regeneration is executed once every three years, we can regain the working performance to 95 to 98% of its original status.

However this needs to be backedup with necessary periodical check with the density of the battery solution.

Batteries stacked for disposal

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WORK CULTURE:

Placement of footwear: Our work culture is depicted in the way we behave and exhibit.

Value for all commodities is important to conserve the mother earth. Hence the placement of material of use/substance/importance should find appropriate placing. The passage should be clear from all obstacles weather small or large. Here the placement of footwear is only an example. One needs to practice and exhibit in all sectors, be it waste or unused materials or the vehicles parked in wrong place.

This image is just for illustration and is not from the college

Electrical Power Usage:

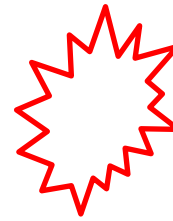
It is important to understand the significance of the Energy use implication. The use of electrical power has been observed to be unnecessary. The administration should initiate to keep all unwanted and unused appliances switched off.

It is observed that the lights are left switched ON at majority of places and thus causing huge financial losses to the management and energy loss to the country.

Solution:

It is therefore required to install Light Intensity Sensors in all the rooms.

Lighting improvements should be carried out by using T5/LED or The Induction Light systems in lieu of normal tube lights. If the finance department permits, it is advised to install 40W Induction lamps in all classrooms.



Light Intensity & Occupancy sensor



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In compliance with

**Category 7.1.1, 7.1.2,
7.1.3 and 7.1.5**

BATTERY PLACEMENT:

The batteries breath acid fumes. It is good practice to make room for cross ventilation for the batteries to be placed in cool place.

The benefits include –

- Prolonged life of the Batteries.
- Avoids acid fumes accumulation on the Batteries.
- Increased life of all electronic gadgets around the Battery bank.
- Delayed discarding of the Batteries avoids environment pollution and Revenue outflow for the organisation.



SOLUTION: The placement of batteries needs to be at the place very close to cross ventilation, if possible in open but shaded place. The following clippings are explained.

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SAFETY :

The large storage containers of Chemicals when placed open to easy access may lead to health hazards and also spillage.

The access to chemicals required for the days or two should be placed with easy access and the rest may be placed in separate room which is available at present.

The water taps are seen to be leaking all day. This will lead to exhaustion of the water required for normal activities and also for washing off the excess chemicals or skin contact.

The LPG pipeline is open and remains unpainted. It is important to avoid direct exposure to AIR and water to avoid pipe rusting and there by the possible leakage. It also helps to prolong the life of the PIPELINES.

The beautiful structures planed by the administrators and built by the management clearly indicate that they are concerned about the environment and are committed to deliver good sense of civic discipline and knowingly or unknowingly are exhaling the process of heading towards **ZERO CARBON FOOTPRINT.**

When the infrastructure is in place, the staff are inclined to perform there is nothing that can stop from achieving the required.

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The designated staff be trained in understanding the needs and allowed to test their innovative skills to move towards green practices will accelerate the process of green revolution.

EXHIBIT GREEN HABITS:

The college administration, should engage its resources in exhibiting Green Habits as discussed.

GREEN AUDIT REPORT

THOUGHT FOR EVERY MOMENT

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ACTION PLAN SUMMARY:

- Earmark the action plan.
- Prioritize the initiatives and execute.
- Observe the benefits and shortcomings.
- Workout further improvement by involving the staff and students.

MODE OF ACTION:

- The process of ENVIRONMENT AUDIT & ENERGY CONSERVATION should be carried out in three steps.
- Good housekeeping practices using available manpower.
- Minor alterations using in house work culture with minimum investments on accessories as discussed.
- Capital investments, which may be required for installation of new methodologies may be taken up on phased manner.

We will be happy to assist you for any further advice/consultancy if required either on Rainwater management or on any of the measures discussed in the report.

We hope the measures are implemented in good spirit and to human convenience and comfort.

For SUNSHUBH RENEWABLES & RESEARCH CENTRE

Mallikarjun A. Kambalyal. B.E. (E&C)
Certified Energy Auditors EA-3485

Note Sheet:

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GREEN AUDIT REPORT

FOR THE YEAR 2019-20



BLDEA's Comm, BHS ARTS & TGP Science College,
Jamakhandi

KARNATAKA

BASED ON BEST PRACTICES.
CONSERVATION OVER EFFICIENCY: EDUCATE,
PRACTICE, ADVOCATE & MANAGE.

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EXECUTIVE SUMMARY.

Sr No	Observation*	Problems*	Resulting losses*	Remedial measures*	Capital*	Projected savings*	Category
1	Rainwater Management	No serious water problem seen but anticipated	Need quality water for social existence	Structured approach to retain the rainwater within the campus.	Yes, Capital intensive , approximately 25 to 39 Thousand d.	Improved quality of water and high yield. Calls for reduced pumping hours and eliminate or reduce need for water conditioners.	7.1.4
2	Surface water	Runoff to drain	Wastage of precious pure water	Divert to specified point near to borewell.	Rs. 50000/-		7.1.4
3	Water management	Flooding watering	bottle		Nil	Reuse of disposable water bottles.	7.1.4
4	Solid Waste Management	Spillage of waste	Dirty used packages in and around the college	Awareness to place the waste in right place.	Already in place, however , needs to be refined.	Reduced cleaning hours and good hygienic conditions.	7.1.3
5	Personal Health	Used Sanitary pads disposing unit is not in place.	Open area disposal	Incinerator to be placed at convenient point and proper training is given to the students to make use of it.	Nil	Clean and safe health.	7.1.3

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Sr No	Obse- rvation*	Proble ms*	Resulting losses*	Remedial measures*	Capital*	Projected savings*	Cate gory
6	Used Battery disposal	Environmental hazard and violation of Pollution control Board directives.		Regenerate the used batteries for the second and third life cycle.	Rs. 18.00 Lacs for the society.	No need to buy new batteries for the next 10 years in the society.	7.1.3
7	Work culture	Ease of appro ach.	Self discipline training.	Provide basic needs to follow and comply to the requirements.	Rs.5000.0 0	Responsibility to social needs.	
8	Cumutat ion and safe distancin g	Parkin g	High energy consume rs	LED lights of appropriate ratings.	Rs.80/- to Rs.250/- per unit	Rs.175/- per tube per annum. ROI of 1 years.	7.1.6
9	Natural Lighting	Un clean windo ws and ventil ators, force d switch ing on of tube lights	High energy bills	Clean the windowpanes and allow maximum natural light penetration.	Nil, part of routine, In house manpo wer.	Substantial cost of energy bills on lighting.	7.1.2 7.1.6
10	Natural Ventilati on	Perma nently close d ventil ators.	Creation of hot air pockets below the ceiling.	Open the Ventilators for easy exit of hot/warm air from the rooms.	Nil, In house manpo wer.	Eliminates use of Electrical Fans and Substantial cost of energy bills	7.1.2 7.1.6
* For details please follow the discussions in the report.							

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ACKNOWLEDGEMENT:

SUNSHUBH RENEWABLES & RESEARCH CENTRE is pleased to express its sincere gratitude to the management of BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA, *for entrusting SUNSHUBH RENEWABLES & RESEARCH CENTRE with the assignment on Green Earth practices based on Educate, Practice, Advocate & Manage the resources in their educational organization.*

We acknowledge the assignment allocation sent by Email on 19th Oct 2019.

We also wish to thank Prof B I Karalatti Principal, and Prof M C Karbhari, NAAC Audit Co-Ordinator, who have been constantly following with the Carbon Handprint initiatives and developments in the college. It was on their instance that we got to evaluate the initiatives undertaken.

The officials and the maintenance staff for the help rendered during the energy flow study.

We would fail if we neglect to appreciate the sincere efforts put in by the Faculty Members,

- Dr. N M Rolli, HOD Botony
- Prof R C Shet, HOD Chemistry.
- Dr. (Prof) V S Kulkarni, HOD Statistics
- Prof S B Kamati, IQAC Coordinator
- Prof Y B Hotti, Dept. of Physics
- Asst Prof Anand Uppar Audit Co-ordinator
- The Students who against all odds have kept the college premises clean to the possible limits.

Without the crucial and significant support from the fellow teaching team the potential energy saving options and carbon footprint reduction would not be a reality.

With the motivational support of the management, ground realistic support from teaching team and sincere efforts of the students in incorporating the change (habits) and instructions, the college could effectively declare the reduction in Carbon footprint and optimize the waste reductions.

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GREEN AUDIT COMPLETION CERTIFICATE

Credentials attached 7.1.6

I, Mallikarjun A. Kambalyal endorse and confirm that This GREEN Audit has been carried out on **12th June 2020** under the instructions of Prof B I Karalatti Principal.

This report is generated based on the site visits and evidence collected from the site.

All attempts have been made to evaluate the scope for development and inculcate green practices in the campus and extended throughout the campus. The focus is also laid to make positive impact on the society for a better living.

I also confirm and sign this certificate, in case the institution needs demonstration, my team of professionals shall be happy to do so.

We present this report to **fulfill the citizens moral responsibilities** much more than the legal or mandatory compliances. This report is tabled in two parts. The first forms the core discussions which are general in nature. The second section is subject specific under the statutory requirements of the NAAC accreditation norms. They are Audit reports on, Green aspects, Energy aspects, Environment aspects, Health aspects and the discussions on net CARBON FOOTPRINT & the CARBON HANDPRINT initiatives.

Any modifications, changes, omissions after the site visit shall be exclusive.

Authorised Auditor.

Mallikarjun A. Kambalyal B.E (E&C)

Certified Energy Auditors EA-3485& ISO 50001:2011 & ISO14001:2015 Lead Auditor.

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SUNSHUBH RENEWABLES & RESEARCH CENTRE

Page No. 6 of 136

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BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-3485** Serial Number: **2838**

Certificate Registration No. : **2838**

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **Mallikarjun A Kambalyal** Son/Daughter of Mr./Mrs. **Andanappa V Kambalyal** who has passed the National Examination for certification of energy manager held in the month of **April 2006** is qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate and shall be renewable subject to attending the prescribed refresher training course once in every five years.

His /Her name has been entered in the Register of certified energy manager at Serial Number **2838** being maintained by the Bureau of Energy Efficiency under the aforesaid regulations.

Mr./Mrs./Ms. **Mallikarjun A Kambalyal** is deemed to have qualified for appointment or designation as energy manager under clause (1) of Section 14 of the Energy Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **7th** day of **February, 2013**

Secretary
Bureau of Energy Efficiency
New Delhi

Dates of attending the refresher course	Secretary's Signature	Dates of attending the refresher course	Secretary's Signature
28.01.2020			

Bureau of Energy Efficiency Egd No: EA3485

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year.

SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

Certificate of Successful Completion



This is to Certify that

MALLIKARJUN A KAMBALYAL

has successfully completed the

Intertek

**CQI & IRCA Certified ISO 14001:2015
Auditor Conversion Training Course**

The Course includes the assessment and evaluation of Environmental Management Systems to conform to the requirements of ISO 14001:2015 and ISO 19011:2011

*This course is certified by the Chartered Quality Institute (CQI) and the International Register of Certificated Auditors (IRCA)
– IRCA REFERENCE 18093 –*

The course meets the training requirements for individuals seeking certification under the IRCA Auditor Certification Schemes



Authorising Signature: *Vypra Srinivasa*

Course Dates: 14th – 16th July 2017

Certificate Number: 47730

Membership Application To Be Made Within 3 Years From Last Day of Course

121807

ISO Certified Lead Auditor. Certificate No: 47730

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bsi.

BSI Training Academy

This is to certify that

Mallikarjun A. Kambalyal

has attended and passed

**Energy Management Systems (ENMS) Auditor/Lead Auditor Training Course
(ISO 50001:2011)**

Premanand Ramakrishnan, Director of Training

Date: 14/04/2016 - 16/04/2016

Certificate Number: ENR-00253448

This certificate is valid for 3 years from the date above for the purpose of registering as an auditor with IRCA.



Course number A17583 certified by IRCA

...making excellence a habit.™

The British Standards Institution is incorporated by Royal Charter.
BSI India, The Mira Corporate Suites (A-2), Plot 1 & 2 IIT/Anand Nagar, Manesar Road, New Delhi 110065, India. Tel: +91 11 2652 9000

ISO Certified Lead Auditor. Certificate No: ENR-00253448

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Carbon Footprint audit objectives.

Know

- Why?
- Where?,
- What?,
- When?,
- How?,

about this Audit and the objectives

Carbon Footprint Audit was initiated in the beginning of 1970's, with the motive of inspecting the work executed within an organization, whose exercises could cause risk to the health of inhabitants and the environment. It exposes the genuineness of the proclamation made by the organisation with the concern on health issues. As a consequence of their operations with respect to environmental pollution it is the duty of the organisation to carry out the Carbon Footprint audit of the ongoing processes for various reasons, such as,

- To make sure whether one is performing in accordance with the relevant rules and regulations,
- To improve the procedures and aptness of material in use,
- To analyse the potential duties and to determine a way which can lower the cost and to the revenue outflow.

Through Carbon Footprint Audit one gets adoration as to how to improve the condition of the environment. There are various factors that were forced upon and determine the growth of/or conduct of Carbon Footprint audit. Incidents like,

- Decades old Bhopal gas tragedy, that has left its residual effect which still haunts us.
- Our buildings catching fire due to various reasons,
- Industries blowing off taking valuable human lives etc,
- People going sick, feeling tired, after long hours of operations in the organization,
- Increased demand of generators due to inconsistent power supply, which has resulted or lead into recent floods and droughts,

are some of the situations to ponder about.

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To address various issues in context with human health, GREEN audit is assigned to "Criteria 7" of NAAC (National assessment and accreditation council) accreditation. NAAC is a self-governing organization in India that declares the institutions as Grade "A", Grade "A+", or Grade "A++"..., according to the scores assigned at the time of accreditation.

The other intention of organising Carbon Footprint audit is to update the environment conditions in and around the institutions i.e., within the compound and outside the compound. It is carried out with the aid of performing certain tasks like waste management, energy consumed, diesel burnt it performing the objective of the organization. Lastly to self-assess the net carbon footprint of the conduct of process in the organization.

The goals of Carbon Footprint audit

- The purpose of carrying out Carbon Footprint audit is securing the environment and cut down the threat posed to human health.
- To Make sure that rules and regulations are complied with.
- To avoid the environmental interruptions that are more difficult to handle and their corrections call for high cost.
- To suggest the best protocol for adding to sustainable development.
- To execute the process of the organisations utilising minimum natural resources and efficient use of those resources contributing to minimum waste generation.

How is is the Carbon Footprint audit conducted

Pre-audit

- Planning
- selecting the team of auditors both internal and external
- schedule the audit facility
- acquire the background information
- visit areas under audit

On site conditions:

- Understand the scope of audit

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- Analyse the strengths and weaknesses of the internal controls
- Conduct audit with end user comfort focused and making it easy to perform.
- Collect necessary evidence so that the stakeholders stand to understand how and where they are going wrong in the process of their conduct.
- Post audit draw the report based on the data collected.
- On confirmation of the preliminary report, draw a final report of the observations and inference with accuracy more near to implementable way.
- Discuss various remedial measures for alternatives if required.
- Prepare an action plan to overcome the shortcomings with continual observation on the action plan initiated.

Steps under Carbon Footprint audit

Water audit: Water is one of the cheapest commodities next to the Air we breathe. Although we Indians, use less water in comparison to western countries. However, the extent of pollutants that we leave behind has polluted all the resources including the deep well.

Rainwater harvesting is one of the best techniques that can be adopted by harvesting the rainwater and using it at the time of scarcity. the audit team to observe and investigate the relevant methods that can be adopted and implemented and draw the balance of use of water.

Waste management audit: The point of generation of waste, the type of waste generated, ie hazardous, recyclable and organically compostable wastes and segregating method at the point of generation for easy and best way to handle the same. Evaluating such methods to minimise the use of resources in the process of their management.

Energy audit: It deals with use of energy in the conduct of the process. The priority is topmost for conservation over efficiency; hence, energy audit or should always consider not to use the energy if necessary. At best it can be used judiciously.

Environmental quality audit: It analyses air quality, noise level and the programs undertaken by the institution for plantation creating awareness of trees around us and how nature provides us with remedial measures within its framework.

Health audit: In the process of use of resources and conduct of the activities, they can develop impact on human health, that might be off minutely harmful, cause permanent disorder or may even cause death. Occupational health hazards are discussed in detail and the stakeholders are informed of the same and required necessary remedial measures indicated.

Renewable energy: To make in organisation net zero net zero carbon emission use of renewable resources including energy such as solar wind biogas geothermal energies are put into ooh utilisation.

Carbon handprint: The net impact All the above components of Carbon Footprint Audits are to make an organisation contribute zero emissions which are called bye bhai use of water generation of waste use of energy environmental damage health damage and finally to explore if the campus or direction can go in in contributing to third-party emissions minimising

Benefits of Carbon Footprint audit: To draw home the benefits, the system has been separated out into various audits as listed above. In doing so, and if audit findings are effectively implemented there are many advantages that can be practiced in the process

- Recognise the cost saving methods through waste minimising and managing technologies.
- Point out the prevailing and forth coming complications.
- Authenticate conformity with the legal requirements.
- Empower the organisation to frame a better environmental performance.
- Portray a good image of the institution which helps build better relationships with the groups organisations, stakeholders in and around its operations

- Enhance the alertness for environmental guidelines duties and conduct of preparedness for any eventualities due to environmental disasters.

DAY'S CARBON HANDPRINT PLEDGE

DAY'S CARBON HANDPRINT PLEDGE (proposed)

(indicative templet for display at all prominent areas, classrooms, waiting rooms, canteen, library, relaxing areas in the campus.)

We, The Principal, staff and students, adopt responsible practices in our daily activities with due regard to the environment. We set and continually review objectives and targets for achieving our goal to protect our entire college premises from all pollutions primarily.

We seek to comply with safety and environmental regulations to implement inhouse standards to improve our environmental performance.

We commit ourselves to the safe operation of all our working habits, be it in classrooms, library, canteen, on road, off road, in-campus out-campus as well as at our place of stay.

We adhere to reduce environmental load by efficiently using resources, saving energy, reducing waste, encouraging material recycle, with special emphasize to minimising emissions of greenhouse gases, ozone depleting substance and particle matter. we endure to minimise environmental loads and adopt environmental friendly technologies when ordering and purchasing necessary products and resources.

We endure to attend educational programs and promulgate our close friends and colleagues to follow suite

We endure to ensure that we recognize the essence of this GREEN policy by actively and aggressively conducting workshops and training to all in environmental concepts.

We make wide ranging social contribution to close association with the students, teaching staff, administrative staff, housekeeping staff by disclosing environmental information and supporting environmental consumption.

Principal

Vision Statement of the institute

THOUGHT FOR EVERY MOMENT

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Core Values of the Institution

Overview of the institution.

Vision

To empower our students with modern education based on indian culture and heritage to transform their potentialities into realities

Mission

To empower our students with modern education based on indian culture and heritage to transform their potentialities into **realities**

Goal

To see the overall developments of the students physically, mentally, culturally and spiritually sound and convince to withstand challenges in the age of information and technology

Objectives

- To facilitate learners to acquire knowledge.
- To sensitize on Environment, Ecology and Heritage.
- To promote a sense of National integration.
- To facilitate career guidance and counseling.
- To make the students physically fit, mentally sound, emotionally balanced and socially admirable.

Affiliation

Affiliated to Rani Channamma University, Belagavi

The upkeep of the campus speaks for their concern to the environment. With few corrective measures the college can consider to move towards being **CARBON NEUTRAL**

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DAY's ENVIRONMENT USE PLEDGE**DAY's CARBON HANDPRINT PLEDGE (proposed)**

(indicative templet for display at all prominent areas, classrooms, waiting rooms, canteen, library, relaxing areas in the campus.)

We, The Principal, staff and students, adopt responsible practices in our days Environment use with due regard to the environment. We pledge to avoid using electrical power where not needed. We also pledge to use judiciously the electrical power by using Energy efficient products.

We shall practice to switch off all appliances when not in use.

PURPOSE:

To realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality, and improve energy efficiency on campus through methods that are consistent with a safe, secure, and inviting campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach to providing energy efficient, responsible, and cost effective operations on campus. This policy will be reviewed and updated periodically as public awareness, management techniques, and technologies change.

APPLIES TO: Faculty, staff, students, and visitors.

CAMPUS: BLDEA's Comm., BHS ARTS & TGP Science college,
Jamakhandi KARNATAKA

We pledge to speak in open forums for the energy conservation first, Energy Efficiency next and eliminating of High Energy use appliances for better or low energy use one's.

We commit ourselves to the safe operation of all our needs, be it in classrooms, library, canteen, on road, off road, in-campus out-campus as well as at our place of stay.

We adhere to reduce environmental load by efficiently using resources, saving energy, reducing waste, encouraging material recycle, with special emphasize to minimising emissions of greenhouse gases, ozone depleting substance and particle matter. we endure to minimise environmental loads and adopt environment friendly technologies when ordering and purchasing necessary products and resources.

We endure to attend educational programs and promulgate our close friends and colleagues to follow suite.

We endure to ensure that we recognize the essence of this Energy use policy by actively and aggressively conducting workshops and training to all in environmental concepts.

We make wide ranging social contribution to close association with the students, teaching staff, administrative staff, housekeeping staff by disclosing Energy use (Star rating appliances) information and supporting minimized consumption of Energy.

Principal

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FACTORS CONSIDERED.

Source :

https://en.wikipedia.org/wiki/Bagalkot_district

Keeping civilized and self-sustainable growth contribution, all discussions in the report are based on the factors driving the civilization of the city and the nearby areas and their work culture.

All the discussions in the report evolve around the social existence of the citizens, the economic contribution factors, The industrial establishment and opportunities for entrepreneurship.

Jamkhandi has been a historic place once ruled by Raja Patwardhan of Poona in pre-independence period. Raja Patwardhan, who had a great foresight and love for education, started educational institution at higher secondary level in a giant building in the heart of the town. He extended his co-operation and support for spreading education till the last day of his regime.

There were no higher educational institutes in Jamkhandi for the aspirants to pursue higher education. However, Raja Patwardhan continued his support by inviting outstanding students of this area to Poona for continuing their higher education at S. P. College and provided free board and lodging facilities even in post-independence days. This was not sufficient to cover people of all the sections of society.

In such circumstances, the B.L.D.E. Association took up step and started Commerce, B.H.S. Arts and T.G.P. Science College in Jamkhandi in the year 1963. It is housed in the beautiful palatial buildings situated on the hillocks of Jamkhandi. The College has been permanently affiliated to the Karnatak University, Dharwad and now switched over to Rani channamma University, Belagavi.

The liberal donation from Smt Bhagirathibai Hanumantagouda Savakar of Bidari (B.H.S.) and Sri Gurusiddappagouda Patil of Tungal (T.G.P.) paved the way for providing the necessary infrastructure to this college. The college was named after the donors to commemorate

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their contribution. It made its humble beginning with a meager number of just 200 students and the strength has now crossed more than 4300. By envisioning the instinctive talents of this semi-urban area, this college has been adding knowledge and experience to the students of KrishnaRiver belt in its own unique way.

The college has been imparting education in 3 faculties viz., Arts, Science, Commerce, BCA and BBA at the under graduate level and M.A.History),M.A (Pol.Science) and M.Com. at the post graduate level. M.Sc. in Mathematics course will be started from the academic year 2015-16. It has now been attracting the students from far and wide places. The college has celebrated Silver Jubilee during the academic year 1990-91 and heading towards Golden Jubilee. Earlier the college was a composite degree college covering both the PUC and the Degree programmes. In the year 2002 it was bifurcated into Pre-UniversityCollege and DegreeCollege. Since then both sections are functioning independently. Over the period of five decades, the college has also recorded its name in producing graduates who have now been serving in national and international sceneries. The trained and well qualified teaching and non-teaching staff of the college is doing its best to the expected level. To add academic flavour to it, the college includes 14 Ph.D. and 11 M.Phil laureates to its privilege.

N.C.C., N.S.S. and S.W.O. wings of the college have been functioning to fulfill the aims and objectives satisfactorily, for which they have been formed. There are well-equipped laboratories and library with a large number of books including volumes of recent editions and publications. The Computer Science, Physics and Electronics department have also been shaping the students to fit them for technical jobs. Well-furnished sports department has been training the students to the standards of University blues in various games every year. The college has national and international level sportsmen to its reputation. Since the inception of the college, it is known for its mode of conduct of examination and is a model in the entire area coming under the jurisdiction of the Karnatak University and Rani Channamma University. 53 students of our college have secured ranks at the University level till this academic.

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The college Library is housed in B.L.D.E. Association's Centenary Memorial Building which was constructed during the academic year 2010-11 at the cost of Rs. 1.14 crore and was inaugurated at the holy hands of Poojya Sri Shiddeshwar Swamiji of Jnan Yogashram, Bijapur. Swimming Pool, Ladies hostel, Gents hostel, Health Fitness Centre, Historic Polo ground, Botanical garden with a special and very rare species, and a campus with 54 acres 31 Guntas of open land are the special features of this college.

The college has been recognized by the University Grants Commission and included in the list of 2(f) and 12(B) of the UGC Act, 1956. The college has been accredited by the National Assessment and Accreditation Council (NAAC) with B+ grade in 2004 and has been re-accredited by NAAC with 'A' Grade during the academic year 2010-11. The College has been awarded Research Project worth Rs.60 lakh from Vision Group of Science & Technology Department, Government of Karnataka last year. The College Development Committee has been guiding, supervising and facilitating to improve the campus activities qualitatively.

Jamakhandi is a city in the state of Karnataka, India, which is also the industrial hub of Bagalkot district. It is situated on branch of River Krishna about 481 km (299 mi) northwest of state capital Bangalore, 410 km (255 mi) southwest of Hyderabad, and about 570 km (354 mi) southeast of Mumbai. The population of the urban agglomeration was 111,933 according to the provisional results of 2011 national census of India, and the city is spread over an area of 49.06 square kilometres (18.94 sq mi)^[2] with an average elevation of 532 m (1,745 ft) above MSL.

Education.

Bagalkot district has a number of educational institutions, including Basaveshwara Vidya Vardhaka Sangha, KLE's, BLDE's and Sakri Sangha. A number of colleges are affiliated with Rani Channamma University, Belgaum, Visvesvaraya Technological University, Rajiv Gandhi University of Health Sciences, Ramanagara. Basaveshwara

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Engineering College (BEC) was established in 1963. S Nijalingappa Medical College, HSK (Hanagal Shree Kumareswar) Hospital and Research Centre, Bagalkote is affiliated with Rajiv Gandhi University of Health Sciences.

The University of Horticultural Sciences (UHS) is headquartered in Navanagar, Bagalkote with its constituent colleges spread across the state.

Economy.

Agriculture is the largest employer in Bagalkot, with over 65% of the working population engaged in it; approximately 80% of female workers in Bagalkot are engaged in agriculture. Like most of north Karnataka, Bagalkot is very rich in black soil which is conducive to the cultivation of cotton. Bagalkot's economy was valued at US\$5.6 billion, making it the 12th largest economy in Karnataka. The approximate per capital income is US\$360. The chief crops cultivated are rabi and jowar, as well as groundnut, cotton, maize, bajra, wheat, sugarcane and tobacco. Jowar is largely cultivated because it can be grown during rainy seasons as well as during the winters. The crop also is the chief supply of food for the people. Pulses are also grown in the region, primarily tuvar daal, gram, kulith and mūng daal. Castor oil, linseed and sesamum are also grown in Bagalkot. Water supply for irrigation includes reservoirs such as the Kendur reservoir, which is six miles from Badami and the Muchkundi reservoir, which is 4 miles from Bagalkot. Famine due to lack of adequate rains is quite common in Bagalkot. A famine that struck the region in 1901 inflicted considerable financial loss to the agricultural industry in Bagalkot. The district has the fifth highest farmer suicide rate in Karnataka.^[18] Efficient water management techniques and government sops have only marginally mitigated the repercussions of the drought stricken district.

A sizable proportion of the population also consists of weavers. The chief manufactures are cotton and silk cloths. Large quantities of cotton yarn are also dyled and exported to other parts of the state and country. Most of the immigrants in the district are either money lenders or cloth merchants.

Industries.

The focus sectors include agriculture, cement, sugar-based industries, silk and handloom industries.

It is one of the two handloom units (other is Dharwad) in India from where woven khadi is obtained and transported to Karnataka Khadi Gramodyoga Samyukta Sangha based in Hubli (which is the only licensed flag production and supply unit in India).

Many new industries are planning to begin in Bagalkot. New cement industries have been registered and are waiting for the permission to begin. There are other small-scale industries like Cement Pipe Industry which produce cement pipes, Bangle Industries which produce bangles, Match Stick Industries, Agarbatti Industries, Plastic Bag Industries etc. in Bagalkot. At the outskirts of Bagalkot city there are many small-scale industries set up. These come under the Vidyagiri area of Bagalkot city, which is the latest extension of the city. Small-scale industries like Ceramic Tile Industry, tyre industry, Stone Cutting And polishing Industry, milk Dairy etc. are running successfully. At Gaddanakeri there are many limestone industries and brick industries. The limestone industries produce lime for whitewash and painting. The brick industries produce bricks required for the construction of houses. There are local oil industries and oil refineries which produce oil from groundnuts, sunflower, sesamum orientale, cotton etc.



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BAGALKOT WEATHER BY MONTH //

WEATHER AVERAGES

Bagalkot									
<u>City</u>	Coordinates:  16.1817°N 75.6958°ECoordinates:  16.1817°N 75.6958°E								
<p>Bagalkot</p> <p>Location in Karnataka, India</p>	<table border="1"> <tr> <td><u>Country</u></td> <td><u>India</u></td> </tr> <tr> <td><u>State</u></td> <td><u>Karnataka</u></td> </tr> <tr> <td><u>Region</u></td> <td><u>Bayaluseeme</u></td> </tr> <tr> <td><u>District</u></td> <td>Bagalkot</td> </tr> </table>	<u>Country</u>	<u>India</u>	<u>State</u>	<u>Karnataka</u>	<u>Region</u>	<u>Bayaluseeme</u>	<u>District</u>	Bagalkot
	<u>Country</u>	<u>India</u>							
	<u>State</u>	<u>Karnataka</u>							
	<u>Region</u>	<u>Bayaluseeme</u>							
	<u>District</u>	Bagalkot							
	Government Type	City Municipal Council (CMC)							
	Body	Bagalkot CMC & BTDA							
	Total Area	49.06 km ² (18.94 sq mi)							
	Elevation	537.06 m (1,762.01 ft)							
	Total Population (2011)	112,090							
	Density	2,183/km ² (5,650/sq mi)							
	<u>Demonym(s)</u>	Bagalkotiens							
	Official Languages	<u>Kannada</u>							
	<u>Time zone</u>	<u>UTC+5:30 (IST)</u>							
	<u>PIN</u>	587101-105							
	Telephone code	08354							
<u>Vehicle registration</u>	KA-29, KA-48								
Website	<u>bagalkot.nic.in</u>								

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	January	February	March	April	May	June	July	August	September	October	November	December
Precipitation / Rainfall (mm)	0	3	5	30	66	80	113	87	145	124	24	6
Max. Temperature (°C)	30.2	32.5	35.2	36.2	35.7	30.9	28.3	28.5	29.4	30.3	29.5	29
Min. Temperature (°C)	16.8	18.3	20.8	22.7	23	22	21.5	21.3	21	20.6	18.4	16.5
Avg. Temperature (°C)	23.5	25.4	28	29.4	29.3	26.4	24.9	24.9	25.2	25.4	23.9	22.7

Data: 1982 - 2012

The difference in precipitation between the driest month and the wettest month is 145 mm | 6 inch.

The variation in temperatures throughout the year is 6.7 °C | 44.1 °F.

Source : <https://en.climate-data.org/asia/india/karnataka/bagalkot-51062/>

Average annual rainfall recorded is around 683mm.

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LIST OF INSTRUMENTS:

During the process of the Audit, the following lists of instruments were (considered for) use (wherever applicable).

Sr No.	INSTRUMENT	MAKE	APPLICATION
1	Digital Power Analyser(PC Interfaced)	SCHIVAN ARNOX	Electrical Machinery.
2	Accessories -3000 Amps	ARNOX	Higher load UPTO 3000 Amps,
3	Accessories -200 Amps	ARNOX	UPTO 200 Amps,
4	Thermal Imager	FLIR	Identify loose contacts and bearing losses
5	Power Analyser (Manual)	MECO	Electrical Machinery.
6	Infrared Thermometer	METRAVI	Thermal (Fuel) Energy.
7	Digital (Contact) Temperature & Humidity Meter.	METRAVI	Electrical Machinery. (A/C's And Cooling Towers)
8	Digital Tachometer	METRAVI	Electrical Machinery.(A/C's And Cooling Towers)
9	Lux Meter	METRAVI	General & Task Lighting.
10	Sound Level Meter	METRAVI	Electrical Machinery. Generator Sound Proofing
11	Digital Anemometer	METRAVI	Electrical Machinery.(A/C's And Cooling Towers)
12	Digital KW Meter	METRAVI	Electrical Machinery.
13	Digital Power Factor Meter	METRAVI	Electrical Machinery.

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Sr No.	INSTRUMENT	MAKE	APPLICATION
14	Lap Top Computer	HP	To Interface The Instruments For More Accurate -Sophisticated Readings In Sensitive Equipments.
15	Ultrasonic flow meter		Measure liquid flow.
16	Portable Vibration Meter.	METRAVI	Structural Stability
17	Live cable detector probe	-	Detect hidden cables for safety audit.
18	Power Analyser – EMM 5	Beluk	For remote communication and detailed audit.
19	Power Analyser – ELITE PRO	Beluk	Power Analyser.
20	PT's for Transformer audits.	KALPA	On field auditing of transformer loading and imbalance evaluation.

Only appropriate instruments were used wherever necessary.

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ABOUT GREEN AUDIT:

BLDEA's Comm., BHS ARTS & TGP Science college, Jamakhandi KARNATAKA has asked SUNSHUBH RENEWABLES & RESEARCH CENTRE, Hubli., to conduct the GREEN Audit for their Institution.

In this context, the management of the Institute represented by Prof B I Karalatti Principal, entrusted us the task of conducting the feasibility study to reduce energy consumption and adopt green habits.

SUNSHUBH RENEWABLES & RESEARCH CENTRE represented by Mr. Mallikarjun A. Kambalyal made a detailed study and readings of various appliances were taken and carried out the GREEN audit along with the safety parameters.

We hope the points presented will be self-explanatory, if there is need for any clarification, we are open for discussions.

EXECUTIVE SUMMURY.

We are not in a position to compute the carbon footprint at this point of time as the basic information from each of the students is yet to be collected; however, **we will discuss the Carbon Foot print in the follow up compliance report.**

Wishing the team a great success, we deeply express our gratitude and heartfelt "THANKYOU" for allowing us to assess the energy flow scenario there by the GREEN STATUS.

Mallikarjun A. Kambalyal. B.E.(E&C).

Certified Energy Auditors (EA-3485)

SUNSHUBH RENEWABLES & RESEARCH CENTRE

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LIMITATIONS:

Our recommendations are in the interest of conservation of Electrical Energy and Green Culture i.e. the reduction in CARBON FOOTPRINT. The compliance to the recommendations will be subjected to meeting the safety and Environmental rules and guidelines.

AUTHENTICATION & DATE OF GREEN AUDIT:

This GREEN Audit has been carried out on 12th June 2020 under the instructions of Prof B I Karalatti Principal, and Prof. M C Karabavi, Audit Co-Ordinator

ONGOING STATUS:

It's an optimistic & highly dedicated team effort lead by the Principal & the senior staff who have dedicated all their wits & free time to initiate Green Carpet the entire college premises. It is also a fact that there do exist, few short comings which however is unintentional & on being trained & educated the campus should look for continued minimized waste generation. With all due appreciation to the management, staff involved & cooperation by the students, we have made few suggestions which on implementation, will reduce, demand for water & electrical power. It will also reduce the existing level of pollution to bear minimum.

There is high potential among the students to be educated and spread the knowledge of going ZERO waste generation in their respective colonies and society they dwell in, contributing positively to the cause of

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NO WASTE – NO POLLUTION – NO HEALTH HAZARD.**DISCUSSIONS ON EXECUTIVE SUMMARY:****GREEN Audit.**

Aerial View of the College Campus.



The campus is spread over scenic, elevated terrain. The Rocky structure makes things great for beatification with local flora and fauna. The campus has good opportunity to nurture the knowledge among the students from Biology, Physics and Geology.

We have discussed one such opportunity for the students and team of faculty from Physics department.

THOUGHT FOR EVERY MOMENT

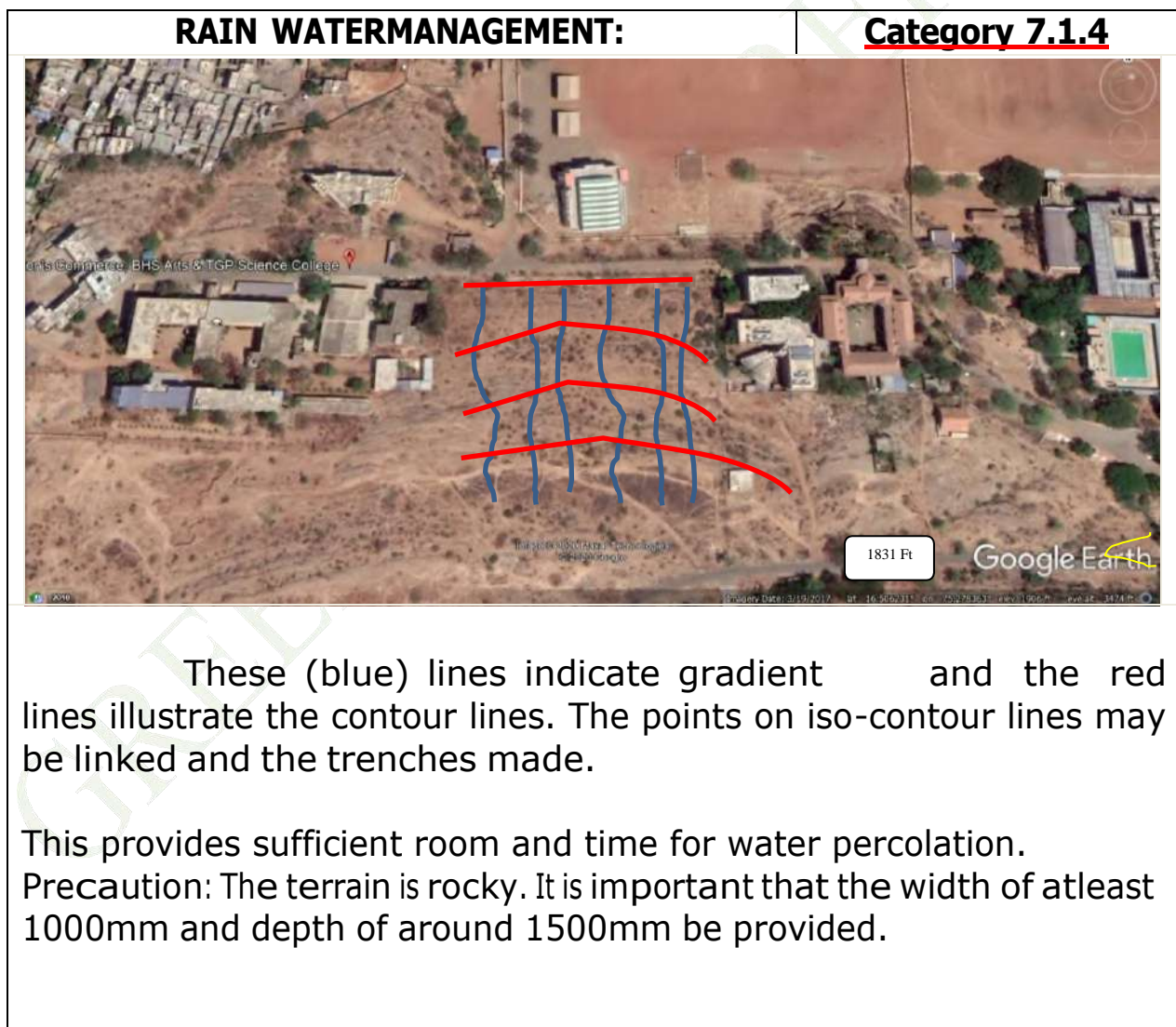
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Primary Considerations: Conservation practices that can be brought about in the campus contributing to use of natural resources.

Water is the primary source of energy and motivation factor for all good things that can happen in the world.

The gradient indicates that the complete campus rainwater can be pooled at a Point near the gotanical gargen and the same can be put to use at a later days.



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SURFACE WATER	<u>Category 7.1.4</u>
<p>The college has a creatively used the center space for the amphitheatre. However, the rainwater if used to recharge the subsoil, the perennial plants down the slope would thrive with green cover during summer days when watering is through pumping system. The terrace water in the campus, flows along at random, there is a need for planed exit points & channelized to manageable area to avoid flooding at the low-lying areas. We suggest that the college discuss with the colleges in the campus and collectively take-up RAINWATER management project.</p> <p>What is visible is that the college is fully covered under the structured roof. And channelizing the roof water to a area near the borewell in front of the college. it should increase the quality of the water and more near to sweetness and less TDS count.</p>	

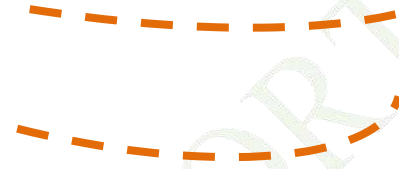
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The water that hits the road may be channelized to the lowest point (Point A) along at random, there are no specified exit points provided & hence would flood the low lying areas.

The fact that Water & Tar (Bitumen) do not go hand in gloves, the road should be made in such a way that the rainwater does not over stay. The road should be such that the water flows off across the road and at no stage the water should be allowed to flow along the road. Although the roads are lai, in future, It is advised to consider the use of perforated pavers as shown in the subsequent discussions.The runoff water can prove to be very resourceful if harvested judiciously.



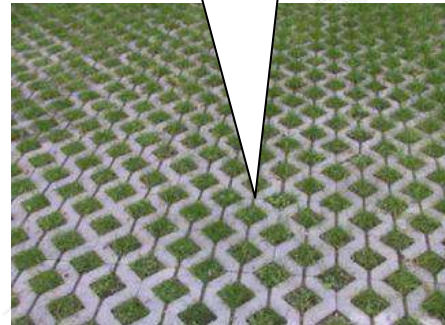
Illustrative

CONCRETE PAVERS:

It is observed that the part of the open area in the college has been left open. The Rain water will runoff into adjoining areas. Hence, acting against the interest of water conservation measures & depriving the perennial plants around it from natural watering system.

It would be appreciated if the perforated pavers are used in lieu of the present system. This will help in increasing the greenery in addition to managing the Rainwater & preventing possible flooding.

Perforated pavers, increase water percolation, prevent flooding and gives decorated flooring too.

**SOLUTION:**

Guide the terrace Rainwater to flow through the pipe. This helps to avoid dampening the walls and prevent defacing the inside part.

It also prevents down flow of rainwater at random.

BENEFITS:

The rainwater is pure distilled water before it touches the earth surface.

- The clean terrace will help in collecting the rainwater and bottled for later use in all laboratory requirements.
- Topping the batteries as and when required.
- When directed to the borewell, the quality of borewell water improves by diluting the dissolved solids making it good for consumption.

PRECAURIONS, when charging the borewell, the suface water should be directed through proper filter pipe carbon treatment facility.

Contact Green Earth Initiatives, Hubli for further details. Contact number 9482633505.

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<u>WATER MANAGEMENT:</u>	<u>Category 7.1.4</u>
<p>Watering the plants in excess or not watering them hampers the healthy growth, it also results into wastage of water & increase manpower.</p> <p>SOLUTION:</p> <p>Water management is advised as shown in the illustration here, using the waste plastic pet bottles. This will help in surface evaporation loss. For larger plants it is advised to incorporate mulching & using organic waste & cover with newspaper/wastepaper. The significance of newspaper to cover the mulched area draws the attention of the students & the visitors. Thus creating a platform for education & knowledge sharing.</p> <p>BENEFITS :</p> <ul style="list-style-type: none"> • Minimsed disposal of plastic, • Reduced Waste segregation efforts. • Multiple use awareness using plastic bottles. • Plastic bottles can be used for road marking & demarcation. 	

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SOLID WASTE MANAGEMENT	Category 7.1.3
<p>It is highly appreciated & worth noticing the level of awareness of spillage. It was noticed that the college management is focusing to maintain cleanliness & spitting Gutka is banned. To keep the good going, it is important that we facilitate the provision for waste disposal. Hence, it is advised to place waste segregation bins. There is an urgent need for placing waste bins at regular distances. Ideally for every room there should be two bins placed in front of the class room .</p> <p>One in Yellow/Red and the other in Green in color.</p> <p>It is necessary to educate the inmates to use to place degradable waste like food, paper and other vegetable waste in GREEN colored bin.</p> <p>The plastic and other metal waste, should be placed in red/yellow colored bin.</p> <p>This method imparts the sense of segregating waste at source and makes the task of handling waste simple.</p>	<p>Illustrative Corrective measures</p> <p><u>Plastic Bins</u></p>

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It also makes room for revenue generation as the plastic and metal waste can be sold at a later date.

SOLUTION:

A very innovative concept of waste collection system has been introduced by the college near by @ Ilkal. A little change can be followed ie, colour the baskets and display its objective.

The green is to be used for organic waste and paper.

The yellow for Plastic and Metal waste.

The red should be used for chemical, hygienic waste like medicinal packings, pads etc.,

Ease of approach should make the clean & green practices self sustainable.

By incorporating the segregation of the solid waste at the point of its source will make the task of handling it at the Vermicomposting pit easy and time saving.

Metal Bins


Local Biodegradable



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<p>ORGANIC WASTE MANAGEMENT:</p>	
<p>The organic waste management system should be built and information on the benefits should be prominently displayed. It would be highly appreciated if it is on one side and in front of the college. The information displayed would educate the pupil of other institutes as well.</p>	 <p>Burning of Solid waste.</p>
<p>Use of Paper and waste management. The college need to work out a policy for paperless communication and record maintenance. The college within its purview can consider going paperless. To draw home the possibilities, We are presenting a technical article in reference to various areas it is made possible.</p>	<p>The copy can be downloaded using the link https://www.ijeat.org/wp-content/uploads/papers/v8i4/D6268048419.pdf</p>

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HEALTH HAZARD:	
<p>It is seen that the lady's room and the girl's room have been provided with the Sanitary Pad incinerator. However, the pads are not being fed to the incinerator or they are either left unattended or are disposed off in open area, this causes unhealthy leaving conditions and at times an embarrassment too.</p> <p>Hence it is necessary that the issue is addressed with top priority.</p> <p>Proper usage training is necessary for the inmates of the Hostel and to all the girls.</p> <p>Use of appropriate dispensing system will avoid water contamination in the days to follow.</p>	<p style="text-align: center;"><u>Indicative model</u></p>

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Disposal of used Batteries

In compliance with

Category 7.1.1, 7.1.2, 7.1.3 and 7.1.5



Batteries stacked for disposal

BATTERY PLACEMENT:

The batteries disposal is a environment threat. The lead which is a major component has serious adverse effects. The acidic fumes damage the electronic components and when disposed to environment through uncertified local ragpickers either as scrap or buyback option, The institute stands to be morally responsible to such environmental pollution.

Hence the disposal of the batteries should be prolonged. This is possible by putting into use the Battery regenerative system

However, much before the regeneration It is good practice to make room for cross ventilation for the batteries to be placed in cool place.

The benefits include –

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- In normal operating mode, the batteries are known to last for 5 to 6 years.
- With good working practice, they would last for almost three times the life.
- Prolonged life of the Batteries.
- Avoids acid fumes accumulation on the Batteries.
- Increased life of all electronic gadgets around the Battery bank.
- Delayed discarding of the Batteries avoids environment pollution and Revenue outflow for the organisation.

WE suggest to regenerate the batteries once every 3 years, so that the sulfur lining is minimized. If the regeneration is executed once every three years, we can regain the working performance to 95 to 98% of its original status.

However this needs to be backedup with necessary periodical check with the density of the battery solution.

BATTERY MANAGEMENT:

The batteries breath acid fumes. It is good practice to make room for cross ventilation for the batteries to be placed in cool place.

The benefits include –

- Prolonged life of the Batteries.
- Avoids acid fumes accumulation on the Batteries.
- Increased life of all electronic gadgets around the Battery bank.
- Delayed discarding of the Batteries avoids environment pollution and Revenue outflow for the organisation.

All batteries should be placed in well ventilated area. As battery disposal is turning out to be a serious issue, ways to prolong the life of the batteries is very important from the environmental point and also from the Financial implications.

We will discuss the regenerative system of used and week batteries to enhance the life. It is important to know few points on handling of batteries.

BU-703: Health Concerns with Batteries

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Become familiar with the do's and don'ts when handling batteries.

Batteries are safe, but caution is necessary when touching damaged cells and when handling lead acid systems that have access to lead and sulfuric acid. Several countries label lead acid as hazardous material, and rightly so. Lead can be a health hazard if not properly handled.

Lead

Lead is a toxic metal that can enter the body by inhalation of lead dust or ingestion when touching the mouth with lead-contaminated hands. If leaked onto the ground, acid and lead particles contaminate the soil and become airborne when dry. Children and foetuses of pregnant women are most vulnerable to lead exposure because their bodies are developing. Excessive levels of lead can affect a child's growth, cause brain damage, harm kidneys, impair hearing and induce behavioural problems. In adults, lead can cause memory loss and lower the ability to concentrate, as well as harm the reproductive system. Lead is also known to cause high blood pressure, nerve disorders, and muscle and joint pain. Researchers speculate that Ludwig van Beethoven became ill and died because of lead poisoning.

By 2017, members of the International Lead Association (ILA) want to keep the lead blood level of workers in mining, smelting, refining and recycling below 30 micrograms per decilitre (30µg/dl). In 2014, the average participating employee checked in at 15.6µg/dl, but 4.8 percent were above 30µg/dl. (Source Batteries & Energy Storage Technology, Summer 2015.)

In 2019, the University of Southern California published the detection of lead in teeth of children living near the Exide Technologies battery recycling plant in Vernon, California.

Lead occurs naturally in soil at 15–40mg/kg level. This level can increase multi-fold near lead battery manufacturing and recycling plants. Soil levels in developing countries, including on the continent of Africa, recorded lead contamination levels of 40–140,000mg/kg. (See [BU-705: How to Recycle Batteries.](#))

Sulfuric Acid The sulfuric acid in a lead acid battery is highly corrosive and is more harmful than acids used in most other battery systems. Contact with eye can cause permanent blindness; swallowing damages internal organs that can lead to death. First aid treatment calls for flushing the skin for 10–15 minutes with large amounts of water to cool the affected tissue and to prevent secondary damage. Immediately remove contaminated clothing and thoroughly wash the underlying skin. Always wear protective equipment when handling sulfuric acid.

Cadmium

Cadmium used in nickel-cadmium batteries is considered more harmful than lead if ingested. Workers at NiCd manufacturing plants in Japan have been experiencing health problems from prolonged exposure to the metal, and governments have banned disposal of nickel-cadmium batteries in landfills. The soft, whitish metal that occurs naturally in the soil can damage kidneys. Cadmium can be absorbed through the skin by touching a spilled battery. Since most NiCd batteries are sealed, there are no health risks in handling intact cells; caution is required when working with an open battery. Nickel-metal-hydride is considered non-toxic and the only concern is the electrolyte. Although toxic to plants, nickel is not harmful to humans.

Lithium-ion is also benign — the battery contains little toxic material. Nevertheless, caution is required when working with a damaged battery. When handling a spilled battery, do not touch your mouth, nose or eyes. Wash your hands thoroughly.

Keep small batteries out of children's reach. Children younger than four are the most likely to swallow batteries, and the most common types that are ingested are button cells. Each year in the United States alone, more than 2,800 children are treated in emergency rooms for swallowing button batteries. According to a 2015 report, serious injuries and deaths from swallowing batteries have increased nine-fold in the last decade.

The battery often gets stuck in the oesophagus (the tube that passes food). Water or saliva creates an electrical current that can trigger a chemical reaction producing hydroxide, a caustic ion that causes serious burns to the surrounding tissue. Doctors often misdiagnose the

symptoms, which can reveal themselves as fever, vomiting, poor appetite and weariness. Batteries that make it through the oesophagus often move through the digestive tract with little or no lasting damage. The advice to a parent is to choose safe toys and to keep small batteries away from young children.

Safety Tips

- Keep button batteries out of sight and reach of children. Remote controls, singing greeting cards, watches, hearing aids, thermometers, toys and electric keys may contain these batteries.
- Similar to pharmaceutical products, keep loose batteries locked away to prevent access by small children.
- Communicate the danger of swallowing button batteries with your children, as well as caregivers, friends, family members and babysitters.
- If you suspect your child has ingested a battery, go to the hospital immediately. Wait for a medical assessment before allowing the child to eat and drink.

Ventilation.

Charging batteries in living quarters should be safe, and this also applies to lead acid. Ventilate the area regularly as you would a kitchen when cooking. Lead acid produces some hydrogen gas but the amount is minimal when charged correctly. Hydrogen gas becomes explosive at a concentration of 4 percent. This would only be achieved if large lead acid batteries were charged in a sealed room.

Over-charging a lead acid battery can produce hydrogen sulphide. The gas is colourless, very poisonous, flammable and has the odour of rotten eggs. Hydrogen sulphide also occurs naturally during the breakdown of organic matter in swamps and sewers; it is present in volcanic gases, natural gas and some well waters. Being heavier than air, the gas accumulates at the bottom of poorly ventilated spaces. Although noticeable at first, the sense of smell deadens the sensation with time and potential victims may be unaware of its presence.

As a simple guideline, hydrogen sulphide becomes harmful to human life if the odour is noticeable. Turn off the charger, vent the facility and

stay outside until the odour disappears. Other gases that can develop during charging and the operations of lead acid batteries are arsine (arsenic hydride, AsH_3) and (antimony hydride, SbH_3). Although the levels of these metal hydrides stay well below the occupational exposure limits, they are a reminder to provide adequate ventilation.

Regeneration of week batteries for the Second/Third lease of life.

Significance...

- The early regeneration results into second tenure of the batteries i.e. another term of 3 to 5 years as per Battery specifications.
- Optimised energy consumption. Thus, reduced cost of operation.
- Delayed disposal results into elimination of environment pollution.

Reduced impact on CARBON FOOTPRINT BATTERY MANAGEMENT :

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Lithium-ion is also benign — the battery contains little toxic material. Nevertheless, caution is required when working with a damaged battery. When handling a spilled battery, do not touch your mouth, nose or eyes. Wash your hands thoroughly.

Keep small batteries out of children's reach. Children younger than four are the most likely to swallow batteries, and the most common types that are ingested are button cells. Each year in the United States alone, more than 2,800 children are treated in emergency rooms for swallowing button batteries. According to a 2015 report, serious injuries and deaths from swallowing batteries have increased nine-fold in the last decade.

The battery often gets stuck in the oesophagus (the tube that passes food). Water or saliva creates an electrical current that can trigger a chemical reaction producing hydroxide, a caustic ion that causes serious burns to the surrounding tissue. Doctors often misdiagnose the symptoms, which can reveal themselves as fever, vomiting, poor appetite and weariness. Batteries that make it through the oesophagus often move through the digestive tract with little or no lasting damage. The advice to a parent is to choose safe toys and to keep small batteries away from young children.

Safety Tips

- Keep button batteries out of sight and reach of children. Remote controls, singing greeting cards, watches, hearing aids, thermometers, toys and electric keys may contain these batteries.
- Similar to pharmaceutical products, keep loose batteries locked away to prevent access by small children.

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year.

SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

- Communicate the danger of swallowing button batteries with your children, as well as caregivers, friends, family members and babysitters.
- If you suspect your child has ingested a battery, go to the hospital immediately. Wait for a medical assessment before allowing the child to eat and drink.

Ventilation.

Charging batteries in living quarters should be safe, and this also applies to lead acid. Ventilate the area regularly as you would a kitchen when cooking. Lead acid produces some hydrogen gas but the amount is minimal when charged correctly. Hydrogen gas becomes explosive at a concentration of 4 percent. This would only be achieved if large lead acid batteries were charged in a sealed room.

Over-charging a lead acid battery can produce hydrogen sulphide. The gas is colourless, very poisonous, flammable and has the odour of rotten eggs. Hydrogen sulphide also occurs naturally during the breakdown of organic matter in swamps and sewers; it is present in volcanic gases, natural gas and some well waters. Being heavier than air, the gas accumulates at the bottom of poorly ventilated spaces. Although noticeable at first, the sense of smell deadens the sensation with time and potential victims may be unaware of its presence.

As a simple guideline, hydrogen sulphide becomes harmful to human life if the odour is noticeable. Turn off the charger, vent the facility and stay outside until the odour disappears. Other gases that can develop during charging and the operations of lead acid batteries are arsine (arsenic hydride, AsH_3) and (antimony hydride, SbH_3). Although the levels of these metal hydrides stay well below the occupational exposure limits, they are a reminder to provide adequate ventilation.

Regeneration of week batteries for the Second/Third lease of life.

Significance...

- The early regeneration results into second tenure of the batteries i.e. another term of 3 to 5 years as per Battery specifications.
- Optimised energy consumption. Thus, reduced cost of operation.
- Delayed disposal results into elimination of environment pollution.

Reduced impact on CARBON FOOTPRINT



SOLUTION: The placement of batteries needs to be at the place very close to cross ventilation, if possible in open but shaded place. The following clippings are explained.

GREEN HUB

THOUGHT FOR EVERY MOMENT

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WORK CULTURE:

Placement of footwear: Our work culture is depicted in the way we behave and exhibit.

Value for all commodities is important to conserve the mother earth. Hence the placement of material of use/substance/importance should find appropriate placing. The passage should be clear from all obstacles weather small or large. Here the placement of footwear is only an example. One needs to practice and exhibit in all sectors, be it waste or unused materials or the vehicles parked in wrong place.



Electrical room should be provided with ventilation and free from all possible dumps.



This image is just for illustration and is not from the college

THOUGHT FOR EVERY MOMENT

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SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

Electrical Power Usage:

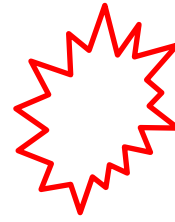
It is important to understand the significance of the Energy use implication. The use of electrical power has been observed to be unnecessary. The administration should initiate to keep all unwanted and unused appliances switched off.

It is observed that the lights are left switched ON at majority of places and thus causing huge financial losses to the management and energy loss to the country.

Solution:

It is therefore required to install Light Intensity Sensors in all the rooms.

Lighting improvements should be carried out by using T5/LED or The Induction Light systems in lieu of normal tube lights. If the finance department permits, it is advised to install 40W Induction lamps in all classrooms.



Light Intensity & Occupancy sensor



THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year.

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SAFETY :

The large storage containers of Chemicals when placed open to easy access may lead to health hazards and also spillage.

The access to chemicals required for the days or two should be placed with easy access and the rest may be placed in separate room which is available at present.

The water taps are seen to be leaking all day. This will lead to exhaustion of the water required for normal activities and also for washing off the excess chemicals or skin contact.

The LPG pipeline is open and remains unpainted. It is important to avoid direct exposure to AIR and water to avoid pipe rusting and there by the possible leakage. It also helps to prolong the life of the PIPELINES.

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year.

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PAPERLESS OFFICE: In the present working conditions, transmission of infection has become vital and to address the issue, we can consider to accept digital documentation process. It has also been now legalized in accepting all such documents and a step towards paperless office is the next office administration process. We have discussed few aspects in the article presented below. For more details, the link provided at the end may be browsed.

With due credit to the authors This article
can be downloaded using the link

<https://www.ijeat.org/wp-content/uploads/papers/v8i4/D6268048419.pdf>

Paperless Administration in Indian Higher Education

Srimathi H, Krishnamoorthy A

Abstract: The Higher Education sector in India is witnessing massive and exponential growth in terms of number of students and institutions. The procedures associated with the academic processes such as admission, teaching, examination and support services have also grown manifold. Institutions, irrespective of the size and scale, can practice better paperless administration using content ecosystem and digital tools. Both government and institutions make use of digital communication and customized applications. However, the over-dependence on paper in data processing is still a continued practice which necessitates the maintenance of volumes of physical documents by the administrative and academic departments that many times leads to delays in responses. The ideal scenario of a paperless learning environment may not be feasible in reality but the extents of paper usages can be brought down drastically to minimum levels with proper knowledge of information life cycle. The digitization with complete e-governance ensures paperless administration process. The institutions are having improbable idea to process automation and reducing paper consumption. This paper analyses the practices and methods in vogue that minimize usage of paper – based system and explores the feasibilities of interdependent work flow automation to make it better.

Index Terms: Admission, Paperless, Digital India Initiative, ECM, ERP

I. INTRODUCTION

Though computers are extensively used in universities, the administration process is paper based. The digitization of information content is easy, but there is no clue to proceed further with respect to application integration, control over scattered electronic documents, smooth information flow between departments, consistency and de-duplication, where the Enterprise Content Management (ECM) system provides solution to this. According to (Gartner, 2003), ECM refers all type of enterprise content and a bundle of software products which manage the entire content life cycle. (AHIM, 2010a) further extends ECM definition as "the strategies, methods and tools used to capture, manage, store, preserve and deliver content and documents related to organizational processes including unstructured information". ECM reduces burden of toggle between different Enterprise Resource Planning (ERP) applications, Customer Relationship Management (CRM), Learning Management System (LMS) and physical documents for decision support. The main challenge is in

creating well-defined document flow since the process deals both structured and unstructured data formats as the activities are interlinked in nature as given in Figure 1. The research is motivated by the growing amount of Government initiatives with Digital India movement and technological implementation in higher education institutions to serve students of digital era. The study examines and evaluates the existing paper processes and workflow which will result in the implementation of electronic solutions. The need of best practices in information exchange, system complying with recordkeeping laws and information security managements is also highlighted.

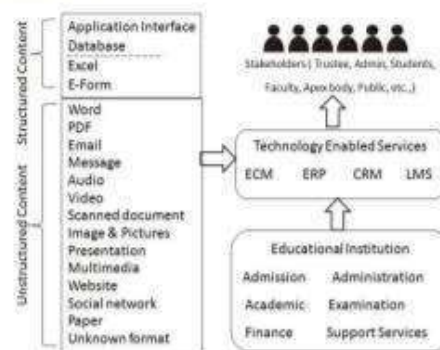


Figure 1. Educational Technology services deal with different content format

II. GOVERNMENT INITIATIVES

Department of Electronics and Information Technology (DeitY), Government of India is taking significant steps towards Digital India program and the same is supported and extended by Ministry of Human Resource Development (MHRD), Accreditation bodies and higher education councils. The announcements, notices, circulars and other communications from apex bodies to respective institutions are shared via email and hosted in website for quick reference. All India Council for Technical Education (AICTE) insists institutions to upload the approval documents of technical and management programme. University Grants Commission (UGC) accepts online submission for course approvals and institute affiliations in Distance Education, where it continues the hard copy submission for other programmes and affiliations. The online submission and electronic form (E-form) upload can be

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Paperless Administration in Indian Higher Education

extended and practiced by UGC and all other statutory professional councils. The E-Form is used in self-study report of accreditation bodies such as National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA). The supporting documents are also to be submitted in the form of scanned digital documents.

The digital submission and facility of system decision support system on various parameters helps the accreditation bodies to scale up their reach and serve as pre-qualifier to plan evaluation. (MHRD, 2017) MHRD has adopted digital technology for information transmission under National Mission on Education through Information Communication Technology (NMEICT):

- Know your college portal for students
- National Program on Technology Enabled Learning (NPTEL). Indian Institute of Technology has promoted Massive Open Online Courses (MOOC) with edX platform (a digital initiative of MIT and Harvard University) to offer quality education from the best teachers to Indian students and ensure the improvement of individual academic performance.
- Educational satellite (EDUSAT) to home platforms
- A-View as multimedia platform for video delivery
- Virtual Labs helps in establishing remote access of lab experiments in various disciplines of science and engineering.
- E-Yantra (next generation embedded system), Talk to teachers, Spoken tutorial and free open source software to be used for academic purpose
- Data collection in data capture format (DCF) in annual All India survey on Higher Education (AISHE) and National Institute Ranking Framework (NIRF). The structured DCF used in data collection fasten the computation of Gross Enrollment ratio (GER) of higher education and useful to other statistical analysis.
- Library Resources: As a part of Universal Digital Library Initiative, the digital library India has scanned books written on English and Indian language. (Balakrishnan et al, 2006) The project fosters several research activities such as language technologies in text summarization, machine translation, hand writing recognition, optical character recognition etc.,
- DigiLocker facility: There are several school boards made their board result certificates digital and this enable the institutions to verify the scores. This will ease the merit list preparation of educational institutions in admission process, when the service is utilized by all boards of school education. As admission application went online, the digital verification of certificates minimizes the submission of hard copy submission of grade sheets and time taken for manual certificate verification as happened in case of Tamil Nadu Engineering Counseling 2018.

(UGC, 2017) UGC has also taken significant digital initiatives at its end and also through Information Library Network (INFLIBNET) as listed in Table 1.

III. AT INSTITUTION LEVEL

Apart from Government directives, institutions realized that the millennial students are technology oriented and demanding quick response on rendered services. The computerized business systems improve administrative efficiency and reduce a toll on management and faculty to process paper documents on students, courses and exams.

Table 1. List of digital initiatives of UGC and INFLIBNET

e-Office implementation	Public finance management system
e-Governance	University activity monitoring portal
Direct benefit transfer	Wifi connectivity to 40 central universities
Regional office website	Integrated portal for planning, finance, coordination
Academic job portal	National academic depository (NAD) exam certificates
UGC NET online	Online courses SWAYAM (Active learning platform)
Public grievance portal	E PG yathashala (Post graduate programme)
Student grievance portal	Shodhganga (digital repository of dissertation)
e-scholarship award & portal	e-ShodhSindhu (access to e-journals, e-books)
Autographing mobile App	Indrat (online union catalog of bibliographic data)
Unportal database of universities	Soul (State of art integrated Library Management)
SWAYAMPRAHA DTH channel	IRINS (Web Research Management System)

Universities incorporated electronic communication process for any kind of communication, upload the same on website and sends individual institution approval letter through email. (VTU, 2018) One of the universities hopes to gradually move towards a less paper and paperless office, since it serves digital communication to more than 200 affiliated colleges under its control.

(ePravesh, 2015) Considering the Indian youth population who aspires to tertiary education, the 'go online' in admission process reduces the paper usage. In addition, it helps to minimize problems related to overlapping counseling dates and in turn reduce physical / mental / financial burden of candidates due to multiplicity and transportation. The counseling process of engineering, medical and other professional courses are carried out online. Most of the entrance examination, application submissions and counseling are made online. As the medical entrance is mandate for admission throughout India, the strength of students who appear for medical entrance is increased and council planned to conduct medical entrance through online from year 2019.

(SRM, 2016) One of the biggest private institutions made its student course registration and support services as online for its fully flexible credit system, where the students have the liberty to choose course of study and select faculty members. Students receive individualized time table upon completion of registration. The students are serviced with quick response on cloud and eliminated to shuttle from one office to another for processing paper documents..

(Mindlogix, 2016) There are quite a few universities adopted paperless exam and digital evaluation system. The first initiative was sending question paper online through a digital secure network and affiliated colleges download the same, take sufficient printout and distribute. In the next level, the answer scripts are scanned and sent to examiners for evaluation. In the paperless exam, the students will get question paper on their computer screens, which avoid question paper leak and



printing & dispatch of answer scripts. The technological advancement in digital exams permit candidates to write exam on flexible Tab devices, automatic dummy number allocation, quick process of multiple and re-evaluation processes, simplify the review of evaluated answer scripts and result processing with dashboard analytics.

(Kaushik, 2015) The university libraries are extended to do innovative e-resource services using technology such as OPAC search facility for both print and e-books of different publishers with links to full texts, digital scanning facility, host vide lectures and archive, online question bank, coordinate with MOOC initiatives, online reservation and renewal of books, indexing & abstracting services usage of Web 2.0 tools to disseminate new arrivals, maintain e-dissertations and subscribe e-journals. The digital libraries also face few challenges like archival of resource, longevity of storage media, removal of obsolete information to speed up the search process, deal copyright issues and intellectual property of resources and Universal access to knowledge and maintenance.

(NDTV, 2017) In accomplishing the government's challenging task of shifting India from cash dependent to a less cash-reliant economy, UGC issued an advisory to adopt online payment methods for tuition fees, exam fees, vendor payments, salary, wages and other campus services. All shops and vendors in institution premises including photocopier services, canteen and cooperative shops have adopted different mode of cashless transactions. In addition, all these shops come equipped with point of sale machines. One of the institutions has introduced smart cards to the students to buy food from canteen and shops in campus premises. The money is deposited by the parents online.

(Chronicle, 2018) Despite the digital initiatives of apex body in central and state governments and higher educational institutions own mission on implementing automation, there are institutions who could not achieve desired result in paperless office. The simple conversion of paper based activities to e-form will not be sufficient. The strong domain expertise with business process workflow, interconnectivity of data must be required. This necessitated knowledge on both ECM guidelines and Higher education administration.

IV. CHALLENGES IN ACHIEVING PAPERLESS

(LaMonte, 2016) indicates that the paper process still dominate in the office administration and increased the challenge on digital transformation. The mere implementation of ECM tools may not be sufficient, the performance to be measured for removing paper from operational processes in terms of response time, collaboration, back-office cost and compliance regulation to be focused as ECM is a process defined & utilized by stakeholder., (Larrivee et al., 2016) survey reveals organization perception (P1 to P5), operation (O1 to O5) and need (N1 to N5) on ECM implementation as shown in the Figure 2.

The initial budget on technology investment may be high in paperless, but the paper based operations are costly in terms of back-office operation with duplication and siloed information. The main difficulties of ECM implementation

are listed in the order as follows: re-orienting staff, integration with existing system, define process with clarity and making a business case, convincing legal compliance and dealing exceptions. (Genesis et al., 2018) The paperless higher education mission is affected by organizational cultural change, re-orienting staff, integration with existing system, verbatim implementation of traditional workflow, lack of network connectivity & power supply in rural area and overdependence on consultants. (Isacva et al., 2016) The goal of developing ECM is to overcome the listed challenges and to make the system more transparent with efficient service integration.

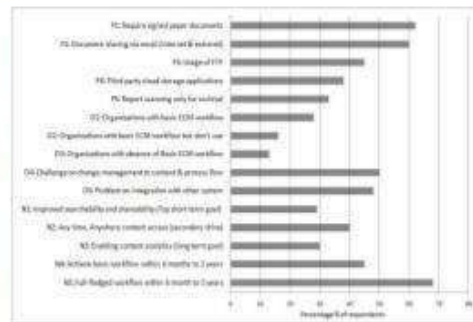


Figure 2. Organization view on ECM implementation (Source: Larrivee et al., 2016)

V. ECM GUIDELINES

(SUMS, 2017) As it is easy to create and repurpose digital documents over paper documents, a number of questions need to be answered prior to implementation.

- (SoftCo, 2016) storing as document as opposed to store as data
- (AIIM,2010b)Assess the functional gap in content management, integration of business application & link to database and document system with its affordability
- (Hullavarad et al., 2015) Version control to avoid duplication and inconsistency especially in concurrent access
- (Katuu, 2012, eGOV-PID, 2013) Fully automated retention rules of those records & documents, Compliance with Institutional governance & Record and Document retention policies
- (eSAFE,2010) Security impact & third party access requirements
- (Nordheim et al., 2004) Balancing user expectations and policies of information governance in customization
- (Cognizant, 2014) Technical viability of current/future content tools with ECM architecture.

(DTCA, 2014) The ECM reference architecture framework given in Figure 3 answers all the listed questions and provides services beyond the expectations. Apart from content capture & delivery of both human created and application created information, ECM is designed to manage document, web content, forms, records, digital assets of



Paperless Administration in Indian Higher Education

rich media content, multi-format content repositories, business flow, preservation policies and development tools of workflow, taxonomy, forms template and content authoring. The core content services include indexing, searching, digital rights, security, collaboration, approvals, digital signature and etc. (Alawan et al., 2014) Thus the properly implemented ECM positively influences on speed of problem identification and decision quality. In addition, it ensures centralized control with local flexibility that helps higher educational institutions to provide better services.

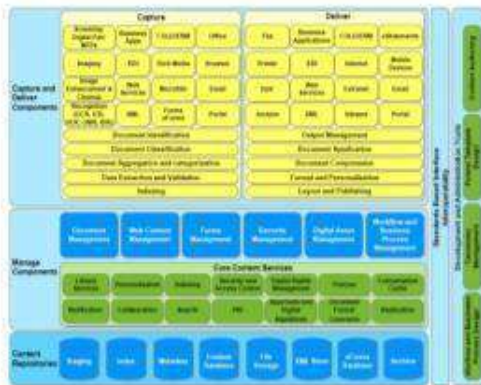


Figure 3. ECM Reference Architecture Framework (Source : DTCA, 2014)

VI. AREAS TO GO PAPERLESS

(AACRAO, 2016) Education sector is one of the important industries which not only creates and maintains large amount of information but also in the need of secured storage access and efficient business process. The functions of higher education system are segmented based on the nature of information impact, stakeholder's presence and kind of ECM implementation. The high impact business information which involves strategic decision on approvals and permanent preservation are grouped and listed in Table 2. The lack on preserving high impact strategic documents creates sever administration issues. The process flow of admission with both paperless and paper-based options is listed in Table 3, where the technology usage in every stage improves response in admission process.

The online admission process will enable the distributed target audience across the country and attract International students. The required ECM guidelines on academic, accounts and support services are briefed in Figure 4. Effective university websites speak clearly, even to yet-to-be students, and make it understandable by all. Table 4 provides guidelines on web content creation / maintenance.

Table 2. ECM guidelines for high impact Enterprise Content

Enterprise Content	Deliver
<ul style="list-style-type: none"> Office of Administration Student Approvals, Admissions, Convocations, A.S. Fees, etc. Administrative Manual, Policy Manual, Safety & Security Manual Minutes of Board of Studies, Academic Council, Finance, Senate & Advisory Board University Calendar, Operating Plan, Strategic Documents, Convocation & Annual Report Event Calendar & Approval, Legal Notices, Purchase Order, General Notice Curriculum, Syllabus, Internal Assessment, Progress Report, Transfer Credit Office of Internal Quality Assurance (OIQAS) Quality Manual, Accreditation, Ranking, Rating, Awards, Recognition, Action Plan Report Cost Office Religious, Cultural, Sports, Approval, Convocations, Strategic, Service, etc. Finance Office Central Fund, Donations, Investments, Loans, Facilities, etc. For Convocation, Budget, Salary Sheet Public Office Procurement, Store, Community event, Training, Administration, Marketing & Outreach Visitors protocol & terms, Recruitment, Career promotion, National assignment Alumni Units for Institute: Studentship, special courses, Admission selection related paper Academic Alumni Calendar, Regimen, Curriculum, In-Campus, Life Certificate, Examination Examination process manual, Award Declaration, Convocation Notice & International Call Library acquisition, International database, validation Partners Location Services, Quality assurance 	<ul style="list-style-type: none"> Timing priority Paperless mode on approvals and distribution through mail. Prioritization in the form of Office documents, PDF as scanned image Link in terms of system repository, which link to applications, views, report to customary users, effective in business identification and retrieval ECM Guidelines Usage of ECM Manages, approval, Decision & Digital Asset Management Usage: Controlled access of digital content specific system repository Records management service is to be extended to document preservation of Digital, Finance, and other departments in the approval process That every access record is to be maintained in case of Minutes of Senate, Senate Workflow with enough time to see it over content usage scenario such as creation, modification, approval, collaboration and generation is required Controlled Content that restricts of Documents in hard copy

Table 3. Admission

Admission Stages	Paperless Service	Paper based service
Marketing	Website, CRM, Digital Marketing (email, SMS, Webinars, Social Media, pay per click, Search Engine optimization, Charter, etc.) & Lead conversion from info session & career guidance websites	News Paper advertisement, Bulletin, Handbooks, Brochure, & Programmes sample for Open house and info session
Application	Online	Download Form, Optical Mark Recognition, OMR, Paper Based
Entrance Exam	Online	Through Courier / Postal service (such practice is stopped)
Roll Ticket	Download	Through Courier / Postal service (such practice is stopped)
Certificate verification	Online & Digitized	Manual verification
Merit list & Counseling schedule	Online	Through Courier / Postal service (such practice is stopped)
Counseling	Online	On-campus
Placement	Online	On-campus
Enrollment	Online for data capture	On-campus for student ID, document submission
Medical checking	Online	On-campus



Figure 4. ECM guidelines in Academic, Accounts and support services

Table 3. ECM / Web guidelines & Best practices on Web Content

- Establish Web Governance Board to set the direction and policies, where the process chart should clearly mention the content type and responsibility of contributor, approval and publisher
- Apply Web Accessibility Standard Guidelines to optimize the impact of institution web content
- Ensure all content of university page is published within the university domain (no external website for any reason)
- Gear the content to target audience with quick scan rather than reading (prospective students, parents, current students, faculty, staff, alumni, prospective employer, press and general public)
- Do not upload video content as primary source of information
- Page should contain some useful information, prior to linking
- Emphasize strengths in Placements, Student achievements, Career guidance, Student affairs, Campus life, International alliances & Semester abroad programs, Industry internships, Faculty & infrastructure facilities, Admission procedure and mandate information etc.
- Utilize content management tool for web publishing (especially pages with frequent updates)
- Audit web content prior to publishing. Perform usability testing to improve



VII. CONCLUSION

(AISHE, 2018) In India, there are 903 universities, 9050 college and 10011 stand alone institutions as on date with cumulative enrollment of 36.6 million. Implementing paperless in simple office communication itself makes great change in cost cutting on paper usage and move towards green initiative. The research covered the government initiatives on digitization and the prospects of paperless in higher education academic, administration, research and support services. The present disintegrated / stand alone applications / paper based services to be integrated using ECM reference architecture with reference to capture / storage / security / access & deliver compliance. The institutions need to understand the importance of managing content life cycle from creation to final disposition. The study recommends the institution to investigate their present operation, future need, scale up with short /mid / long term plan of action in ECM implementation in turn make the administration go paperless. This helps in enhancing the communication, student experience, student support services and creating a campus with technology excellence.

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AUTHORS PROFILE



Prof. H. Srimathi has two decades of experience in higher education and services. She is employed at SRM Institute of Science and Technology since 1999 and served in various domains such as academics and administration. She is passionate about the studies on higher education systems, qualification framework, and academic mobility.

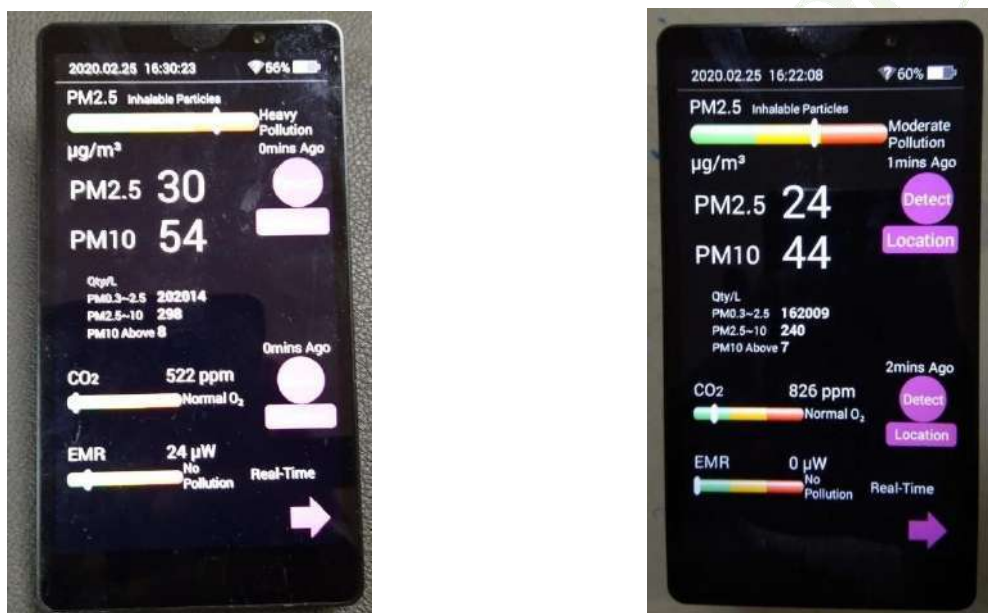


Prof. A. Krishnamoorthy has three decades of experience in engineering education. He is currently employed at SASTRA Deemed University. He is passionate about the studies on optimization techniques, machine design, renewable energy sources and higher education systems.

INDOOR AIR QUALITY IMPORTANCE AND PURIFICATION AWARENESS::

In present day situations, The dust particulate count is nearing danger level. The critical PM2.5 is measured at the border level. In medical college, the Laboratory test conditions may have to be reviewed for effective study.

If the windows are closed to prevent the Dust PPM level, the Concentration of CO2 shoots. For fully focussed and relaxed learning, it is important to maintain CO2 level between 400 and 600 PPM.



Indoor air quality (IAQ) is the air quality within and around buildings and structures. IAQ is known to affect the health, comfort and well-being of building occupants. Poor indoor air quality has been linked to sick building syndrome, reduced productivity and impaired learning in schools. More details on IAQ can be explored and evaluated from health point.

This is normally discussed under the Sick Building Syndrome. The table below summarises in brief.

THOUGHT FOR EVERY MOMENT

There are about 19,00,00,000 students in INDIA. If every student saves one sheet per day, 19,00,00,000 sheets of paper meaning 988 tonnes of paper will be saved every day. This is equivalent to saving 2748.54 tonnes of wood a day. This will lead to saving about 33,00,678 trees per year.

SO LET US ALL USE BOTH SIDES OF THE SHEET even better adopt E-CORRESPONDENCE.

RISK FACTORS OF SBS i.e. the SICK BUILDING SYNDROME	
<p>Environmental parameters of thermal comfort. Parameters related to building ventilation. Noise vibrations. Daylight. Electromagnetic fields Ions Ergonomy Universal design.</p>	Physical
<p>Constructional and household products. Formaldehyde Phthalates Manmade mineral fibres Volatile organic compounds Odours Environmental tobacco smoke Other indoor air pollutants</p>	Chemical
<p>Moulds Bacteria Microbes volatile organic compounds Room dust</p>	Biological
<p>Occupational stress Social status Loneliness, helplessness Work organisation Communication Supervision</p>	Psychosocial
<p>Gender Individual characteristics, Health status</p>	Personal
<p>Location, Geopatogenic zones building characteristics Building characteristics Ownership Presence of insects, rodents, use of disinfection, deratization, disinfection products.</p>	Others

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FIRE PREVENTION & SAFETY :



The fire extinguishers should be placed at the entrance of the room housing dangerous devices. So that, they are handy when need to be used.

The detailed information chart on fire extinguishers is to be prominently displayed and all staff should be educated and trained.

PORTABLE FIRE EXTINGUISHERS

IN CASE OF FIRE:

- Call the fire department immediately.
- Do not use an extinguisher without proper training.
- Know which extinguisher is correct for what type of fire.
- Only use portable extinguishers when the fire is contained to a small area.

FIRE CLASSIFICATION:

A
Use for ordinary combustibles. Contains water.

C
Use for electrical fires. Do not use water on these fires. Contains dry chemical, carbon dioxide or halogenated agents to smother the fire with foam.

B
Use for flammable liquids. Contains dry chemicals or halogenated agents to smother the fire with foam.

D
Use for combustible metals. Contains special liquids or dry powder agents.

P. A. S. S. OPERATING PROCEDURE

P

PULL the pin. Hold the extinguisher with the nozzle pointing away from you, and release the locking mechanism.

A

AIM the nozzle at the base of the fire.

S

SQUEEZE the lever slowly and evenly.

S

SWEEP from side-to-side at the base of the flame.

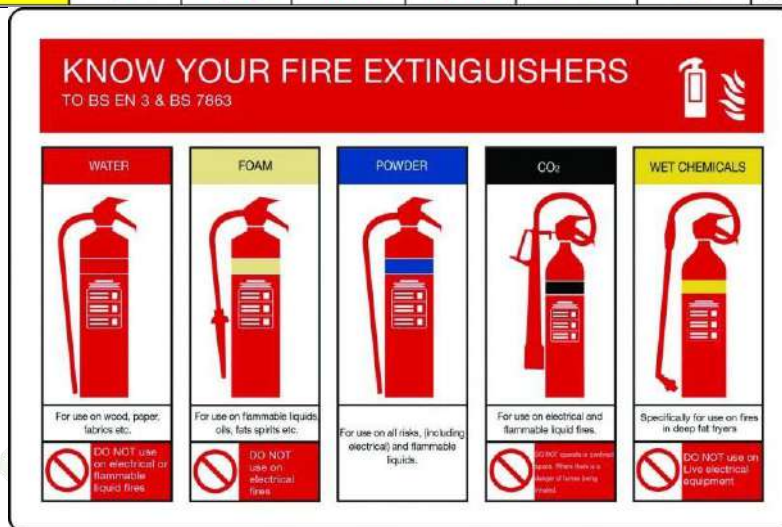
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It is also important that the handling instructions are Predominantly displayed. The sample poster is reproduced for replication.

Type Fire Extinguisher	CLASS A	CLASS B	CLASS C	CLASS D	Electrical	CLASS F	Comments
	Combustible materials (e.g. paper & wood)	Flammable liquids (e.g. paint & petrol)	Flammable gases (e.g. butane and methane)	Flammable metals (e.g. lithium & potassium)	Electrical equipment (e.g. computers & generators)	Deep fat fryers (e.g. chip pans)	
Water	✓	✗	✗	✗	✗	✗	Do not use on liquid or electric fires
Foam	✓	✓	✗	✗	✗	✗	Not suited to domestic use
Dry Powder	✓	✓	✓	✓	✓	✗	Can be used safely up to 1000 volts
CO2	✗	✓	✗	✗	✓	✗	Safe on both high and low voltage
Wet Chemical	✓	✗	✗	✗	✗	✓	Use on extremely high temperatures



In case of fire, the appropriate Fire extinguishers should be placed at the entrance but outside the room. The details of such classified Extinguishers are indicated for reference.

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<u>Culture</u>	
<p>It is important to consider the factors that can disturb others behaviour.</p> <p>Few factors the college can consider to bring in change in are</p> <p>PARKING: Random parking, be it two-wheeler or the four/six wheelers. We often see randomly parked. It is important that all the vehicles are parked in specified areas in such a way that one need not struggle to move out of the place.</p> <p>Educational institutes should inculcate these basic best practices so that the three to five years of their college days, the student learn the sense of social responsibility. Their behavioural culture makes a positive change when they walk out and behave responsibly. It is a matter of pride for the college too, to speak and practice best practices.</p> <p>SUGGESTION: We suggest that the parking space be marked with borders so that the staff and students</p>	<p>The images shown below are for illustration only and are not captured in the campus. (Kindly see the gallery for campus related photos)</p>

park the vehicles at the designated space.

The image shown on the right, gives an indication for good parking.

The beautiful structures planned by the administrators and built by the management clearly indicate that they are concerned about the environment and are committed to deliver good sense of civic discipline and knowingly or unknowingly are exhaling the process of heading towards **ZERO CARBON FOOTPRINT.**

THOUGHT FOR EVERY MOMENT

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With the infrastructure is in place, the staff are inclined to perform, there is nothing that can stop from achieving the required.

The designated staff be trained in understanding the needs and allowed to test their innovative skills to move towards green practices will accelerate the process of green revolution.

EXHIBIT GREEN HABITS:

The college administration, should engage its resources in exhibiting Green Habits as discussed.

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ACTION PLAN SUMMARY:

- Earmark the action plan.
- Prioritize the initiatives and execute.
- Observe the benefits and shortcomings.
- Workout further improvement by involving the staff and students.

MODE OF ACTION:

- The process of GREEN AUDIT & ENERGY CONSERVATION should be carried out in three steps.
- Good housekeeping practices using available manpower.
- Minor alterations using in house work culture with minimum investments on accessories as discussed.
- Capital investments, which may be required for installation of new methodologies may be taken up on phased manner.

We will be happy to assist you for any further advice/consultancy if required either on Rainwater management or on any of the measures discussed in the report.

We hope the measures are implemented in good spirit and to human convenience and comfort.

For SUNSHUBH RENEWABLES & RESEARCH CENTRE

Mallikarjun A. Kambalyal. B.E. (E&C)
Certified Energy Auditors EA-3485

Note Sheet:

GREEN AUDIT REPORT

THOUGHT FOR EVERY MOMENT

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**B. L. D. E. ASSOCIATION'S
COMMERCE, B.H.S. ARTS AND T.G.P. SCIENCE
COLLEGE, JAMKHANDI - 587 301**

DIST: BAGALKOT, KARNATAKA

(NAAC III CYCLE ACCREDITATION "A" GRADE (CGPA-3.32))

Phone/Fax: 08353-220183 email: bldeajkd@yahoo.in

Website: www.bldeajkd.ac.in

CERTIFICATION
BY THE AUDITING AGENCY

SUNSHUBH TECHNOVATIONS PVT LTD.,

#120-122,131-2, 'A' Block, IT Park, Opp. Glass House, HUBLI-580 029. Karnataka, INDIA
Germany Off: Neuer Weg 166, 47803 Krefeld, Deutschland, GERMANY. Anbieter-Nr 1041388

<u>WATER</u>	<u>ENERGY</u>	<u>POLLUTION</u>	<u>ORGANIC</u>
HARVESTING	EFFICIENCY	MINIMIZE	FARMING
CONSERVATION	CONSERVATION	ELIMINATE	WORMICOMPOST
MANAGEMENT	GENERATION	MANAGE	BENEFITS
Certified Energy Auditors. Govt. Of India (EA 3485)			

www.sunshubhrenewables.com, Email: ceo@sunshubhrenewables.com, Ph: 94492-83505, 94490 33505
CIN : U74999KA2020PTC136321, PAN:ABECS0250Q, TAN:BLRS77362F GST No: 29ABECS0250Q1ZX

ENERGY AUDIT COMPLETION CERTIFICATE

I, Mallikarjun A. Kambalyal endorse and confirm that This GREEN Audit has been carried out on **12th June 2020** under the instructions of Prof B I Karalatti Principal.

This report is generated based on the site visits and evidence collected from the site.

All attempts have been made to evaluate the scope for development and inculcate green practices in the campus and extended throughout the campus. The focus is also laid to make positive impact on the society for a better living.

I also confirm and sign this certificate, in case the institution needs demonstration, my team of professionals shall be happy to do so.

We present this report to **fulfill the citizens moral responsibilities** much more than the legal or mandatory compliances. This report is tabled in two parts. The first forms the core discussions which are general in nature. The second section is subject specific under the statutory requirements of the NAAC accreditation norms. They are Audit reports on, Green aspects, Energy aspects, Environment aspects, Health aspects and the discussions on net CARBON FOOTPRINT & the CARBON HANDPRINT initiatives.

Any modifications, changes, omissions after the site visit shall be exclusive.

Authorised Auditor.

Mallikarjun A. Kambalyal B.E (E&C)

Certified Energy Auditors EA-3485& ISO 50001:2011 & ISO 14001:2015 Lead Auditor.



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THE BEST PRACTICES OF THE INSTITUTION

TITLE OF THE PRACTICE

CONSERVATION OF HISTORICAL AANIKERI LAKE

BRIEF HISTORY OF LAKE:

Aanikeri (Agasar Lake): The Lake was built by Ramachandra Rao Appasahab, the patron saint of Jamakhandi, to collect rainwater from Ramathirth Lake in the back of his palace. The lake is located on the right side of the palace, about 200 meters from the palace. As far as walking north from the palace, you can see the lake. The lake was built during the time of the rulers and was used as a place for the elephants, camels, and horses in the palace. The lake is naturally built into the hill without any stone wall. This part of the hill was lowered and became a lake, as all the water in the upper Ramathirtha Lake was collected here. It was called the Elephant Lake because it was beneficial for elephants. As per the study, this lake Maharaja Patawardhan had planned to build lakes in the city mainly to provide basic amenities to the citizens.

The surrounding area of the lake is naturally formed. Its depth is estimated to be about 4 meters long, 2 meters wide. It is estimated to have a length and depth of 10 feet. But the exact size of the lake is not known. In recent times, it is often helpful for the people of **Washermen to improve their financial lives**. In particular, the water of this lake was often called the **Agasara Lake**. Today it is also known as **Elephant Lake** and Agasara Keri. But more often than not, people call it the Agasara Lake. Water is collected in the lake through a leaking system. Thus, it is still sustainable as it benefits many people.

Objectives:

- Protection of the lake ecosystem with all its genetic diversity
- Conservation of Biodiversity
- Improvement of water quality in the surrounding area of Aanikeri lake
- Revision of local regulations to ensure conservation
- Dilution of Sewage away from the lakes.
- Socio-economic studies & land use planning in & around the lakes
- Prevention of Encroachment of lake beds by unauthorized /authorized agencies

The Context:

A lake is a landscape's most attractive and expressive element. It is frequently referred to as the "Eye of the Earth." Urban lakes are essential ecosystems that provide social, economic, and aesthetic benefits necessary for a good living. The oxygen-saturated oligotrophic lake has a low microbial population, but the nutrient-rich eutrophic lake has a bottom sediment layer and an anoxic hypolimnion. Light penetration decreases when microbial biomass rises in tandem with nutritional levels.

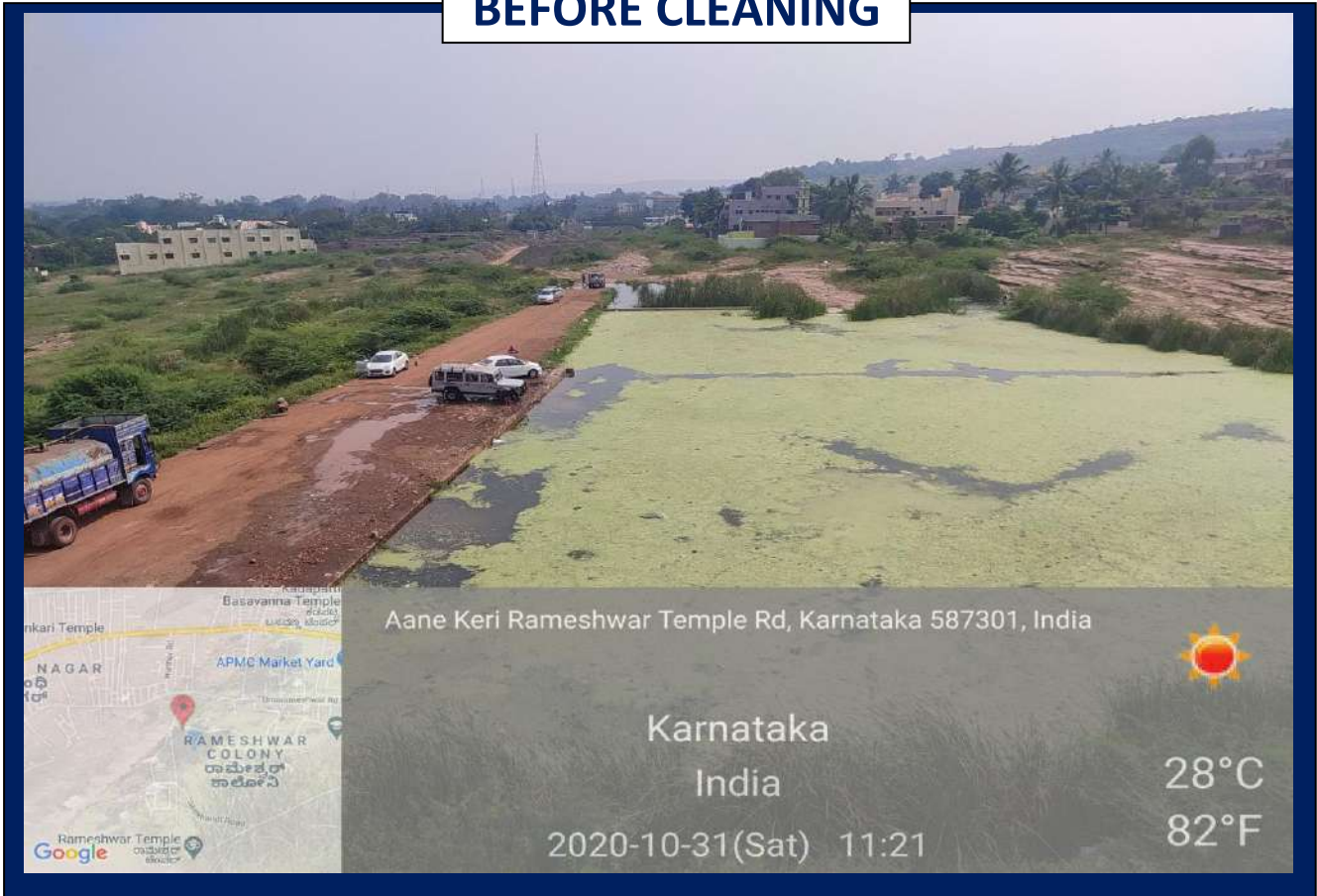
As a result, harmful gas such as H₂S, which is generated by anaerobes, may reach the lower sections. The ratio of nitrogen and phosphorus in lake waters may be increased by sewage and agricultural waste. This, in turn, can result in an epilimnion zone bloom of algae, bacteria, and plants. Cyanobacteria can cause algal blooms in oligotrophic freshwater. Cyanobacteria have been observed to compete with algae when both nitrogen and phosphorus are present. Toxic blooms, bacterial contamination, and heavy metal pollution can harm water use and pose a health risk to the urban population.

The Practice

Lakes (natural/artificial), also known as water bodies, are water reservoirs that serve as a source of drinking water, as well as being important in maintaining the surface and groundwater balance, as well as being used for a variety of purposes such as recreation, water supply, fishing, and most importantly, as a source of income. Because of its significance, the college administration encourages teachers and students to safeguard Aanikeri Lake through Swachha Andholan, Shramadhan, and most significantly, study on groundwater quality in Jamkhandi by comparing it to other talukas in Bagalkot Dist.

1. [physicochemical-analysis-of-groundwater-samples-of-jamkhandi-town-in-Bagalkot-district-Karnataka-state. pdf](#)
2. [Assessment-of-Water-Quality-in-and-Around.pdf](#)

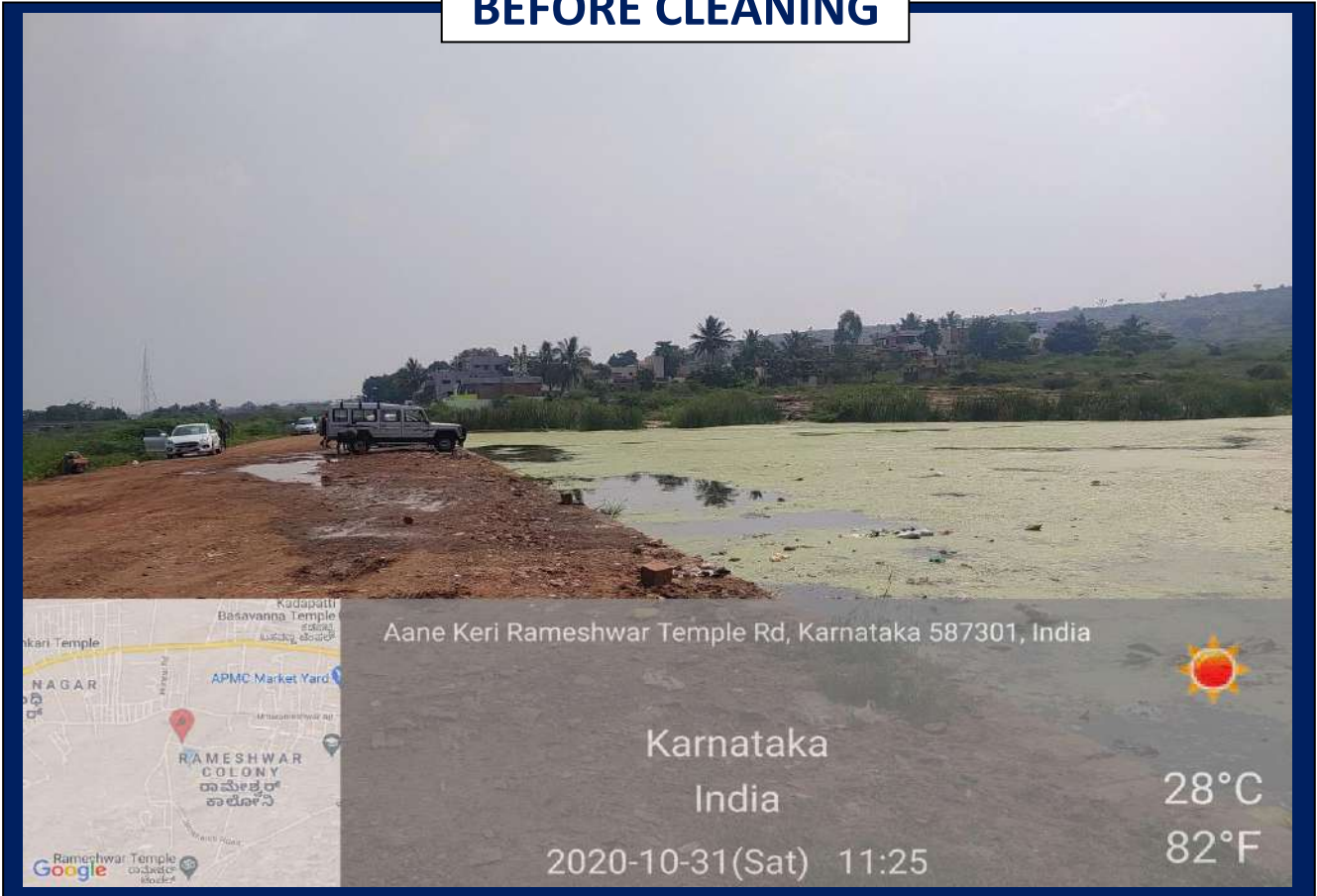
BEFORE CLEANING



BEFORE CLEANING



BEFORE CLEANING



Aane Keri Rameshwar Temple Rd, Karnataka 587301, India



Karnataka
India

28°C
82°F

2020-10-31(Sat) 11:25

BEFORE CLEANING



Aane Keri Rameshwar Temple Rd, Karnataka 587301, India



Karnataka
India

28°C
82°F

2020-10-31(Sat) 11:22

Evidence of Success

College administration, with the help of its teaching, non-teaching staff, alumni association, NCC, NSS, Scouts and Guides and more importantly, the ever-enthusiastic Students of our institution, pressurizes the local administration to safeguard and clean the historical Aanikeri lake as a result of it today we see the natural beauty of the historic lake.

CLEANING PROCESS



CLEANING PROCESS



Aane Keri Rameshwar Temple Rd, Karnataka 587301, India

Latitude
16.50794065°

Longitude
75.27048609°

Local 02:48:29 PM
GMT 09:18:29 AM

Altitude 484.29 meters
Tuesday, 06-08-2021

AFTER CLEANING



Aane Keri Rameshwar Temple Rd, Karnataka 587301, India



Karnataka
India

23°C
73°F

2021-08-17(Tue) 10:34(AM)

AFTER CLEANING



Aane Keri Rameshwar Temple Rd, Karnataka 587301, India



Karnataka
India

23°C
73°F

2021-08-17(Tue) 10:34(AM)

Through the conservation of historical Aanikeri Lake, the college indirectly shields and safeguards the bread and butter of people who are directly and indirectly dependent upon the Aanikeri Lake as a source of income. In its context, the list of Dhobis (whose traditionally occupation was washing the clothes) who have been using Aanikeri Lake for running their traditional job is given below.

LIST OF (DHOBIS) BENEFICIARIES OF AANIKERI LAKE (AGASAR KERE)

Sl. No	Name	Cell No	Address
1	Mallappa L Parit	7259663049	A/P- Kadapatti
2	Basappa Parit	974375768	A/P- Kadapatti
3	Shrishail Parit	8197943145	A/P- Kadapatti
4	Balappa Parit	9900361728	A/P- Kadapatti
5	Kalmesh R Parit	-	A/P- Kadapatti
6	Surappa Parit	9972265890	A/P- Kadapatti
7	Shivanand Parit	9743766024	A/P- Kadapatti
8	Parasappa Parit	8722547774	A/P- Kadapatti
9	Maruti Parit	8722547774	A/P- Kadapatti
10	Sadashiv Parit	-	A/P- Kadapatti
11	Satyappa Parit	9880031018	A/P- Kadapatti
12	Nagappa Parit	9945296664	A/P- Kadapatti
13	Parappa S Parit	8105642774	A/P- Kadapatti
14	Shankar S Parit	7760849926	A/P- Kadapatti
15	Prabhu S Parit	9380652551	A/P- Kadapatti
16	Basavaraj R Parit	-	A/P- Kadapatti
17	Mahesh Madivalar	-	A/P- Kadapatti
18	Baramu Madivalar	6360685442	A/P- Kadapatti
19	Jagadish M Parit	8722146994	A/P- Kadapatti
20	Sadashiv R Parit	-	A/P- Kadapatti
21	Basavaraj Madivalar	-	A/P- Kadapatti
22	Nagaraj Madivalar	-	A/P- Kadapatti
23	Bhimappa S Madivalar	-	A/P- Kadapatti
24	Dhundappa Madivalar	-	A/P- Kadapatti
25	Annavva Madivalar	-	A/P- Kadapatti
26	Ishwar M Madivalar	-	A/P- Kadapatti

**SAFETY & CLEANING MEASURES TAKEN
DURING GANESH FESTIVAL**



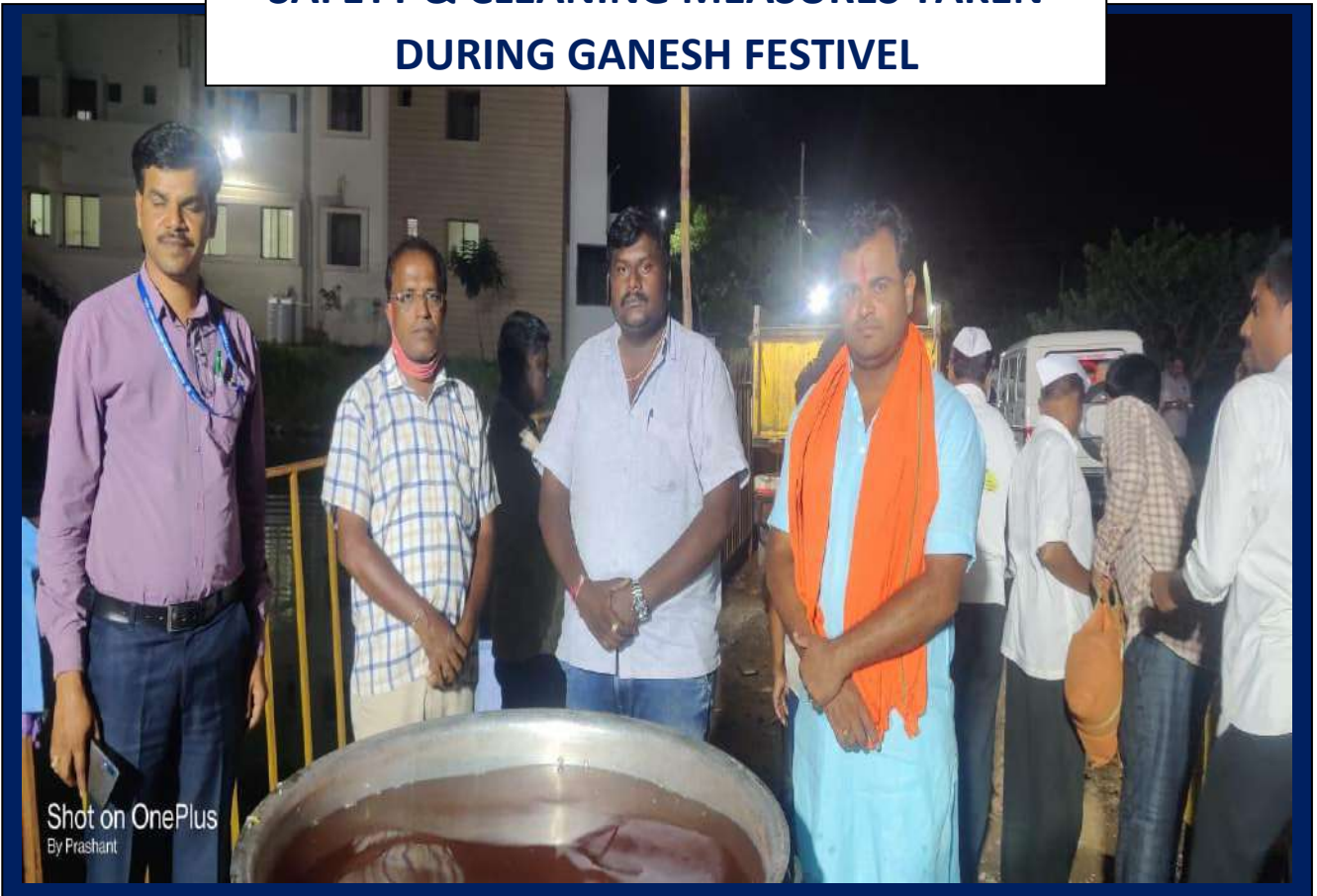
Shot on OnePlus
By Prashant

**SAFETY & CLEANING MEASURES TAKEN
DURING GANESH FESTIVAL**



Shot on OnePlus
By Prashant

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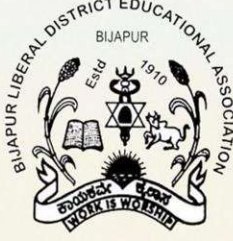


**SAFETY & CLEANING MEASURES TAKEN
DURING GANESH FESTIVAL**



Problems Encountered and Resource Required

The hygiene and existence of Aanikeri Lake are threatened by the people of Jamkhandi, particularly during festival seasons, because residential areas have acquired all the lakes in and around Jamkhandi taluk. As a result, all festival waste (Especially in the Ganesh Festival) is dumped into the Aanikeri lake, and dhobis use soaps and detergents to wash clothes, posing a more significant threat to the lake's existence and its flora and fauna.



B.L.D.E. ASSOCIATION'S

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CRITERIA – VI

GOVERNANCE, LEADERSHIP & MANAGEMENT





6.5.1

PRACTICE II:

AUGMENTATION OF ACADEMIC & PROFESSIONAL LINKAGES

INDEX

Sl.No	Title of the Collaborative Activity
1	Research Activity
2	Exchange of Information on Learning Materials
3	Exchange of Information on Learning Materials
4	Research Culture in Biochemistry
5	Exchange of Information on Learning Materials
6	Exchange of Information on Learning Materials
7	Training related to Dairy and its by Products
8	Research Activity
9	Skill Development and Placement
10	Entrepreneurship Awareness Camp

Whereas the above named Institutions recognize that academic collaboration would be of mutual benefit and would provide strength in Research and Education and their mutual interest in engaging themselves in academic cooperation with Shri Shantveer First Grade College and PG centre, Babaleshwar and BLDEA'S Commerce, B.H.S Arts and T.G.P Science College, Post Graduate Department of History and Archaeology, Jamkhandi-587301 is agreed that:

Both Institutions are united by common interest and objectives, and they shall establish channels of communication and cooperation that will promote and advance their respective operations within the Institution and its related wings. The parties shall keep Each Other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another

Faculty:

Both Institutions will promote the **exchange of faculty** for teaching

Research:

Both institutions will collaborative **research activities.**

Guest lecturer: Both Institutions will extend the necessary support to deliver **Guest Lecture** to the students on the technology trends and in house requirements.

Term:

This Memorandum of agreement will become effective on the final date of signing and will have duration of five years

This memorandum of agreement may be terminated by either Institution by providing 180 days written notice to the Co-ordinator listed below.

There is no financial commitment between both institutions.

Designations of coordinators:

Each party designates the following official to serve as a Co-ordinators under this Memorandum of agreement. Individuals designated as Co-ordinators may be revised by either party by providing written notice to the current Co-ordinators.

Dr. Vijayakumar Shekadar

Co-Ordinater

Shri Shantveer First Grade College and PG centre,
Babaleshwar

Mobile: 9448680312

Dr. S. S. Kokatanur

Co-Ordinater

Dept of History (PG Section)

BLDE' Association

Commerce, B.H.S Arts and

T.G.P Science College, Jamkhandi

Mobile:9741727171

General:

Shri Shantveer First Grade College and PG centre, Babaleshwar and Commerce B.H.S Arts and T.G.P Science College, PG Department of History and Archaeology, Jamkhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective Institution, the program co-ordinator may explore the development of funding to carry out this collaboration.

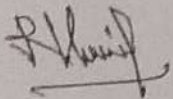
All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations are both Institutions.

AGREED

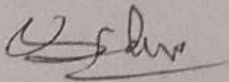
For
Name of the Institution
Shri Shantveer First Grade College and PG centre,
Babaleshwar

For
Name of the Institution
BLDEA'S
Commerce B.H.S Arts and T.G.P
Science College, Jamkhandi
587301

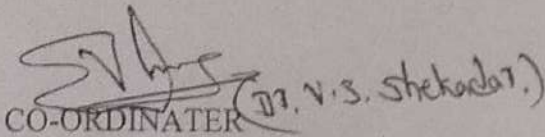
Name of the Institution	Name of the Institution
Shri Shantveer First Grade College and PG centre, Babaleshwar	BLDEA'S Commerce B.H.S Arts and T.G.P Science College, PG Department of History and Archaeology, Jamkhandi-587301
Mobile: 9448680312	Mobile: 9741727171
E-Mail: shrishantaveer5202bbl@gmail.com	E-Mail: bldeapgkd@gmail.com
Web Site: www.shrishantaveercollege.ac.in	Web Site: www.bldeajkd.ac.in



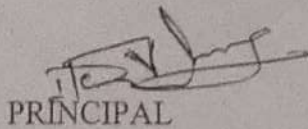
Witness 1: Dr. J.R. Havinal -



Witness 2: Dr. N.P. Biradar



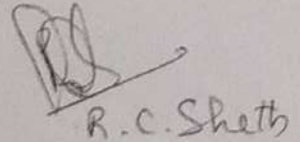
CO-ORDINATER (Dr. V.S. Shekdar)



PRINCIPAL

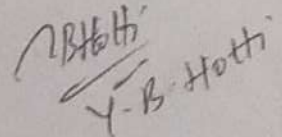
Principal,
Shri Shantaveer Arts & Commerce
College, Babaleshwar.

Witness:1

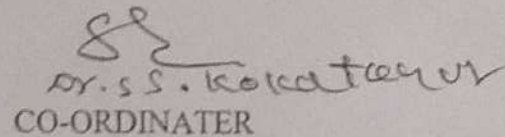


R.C. Sheth

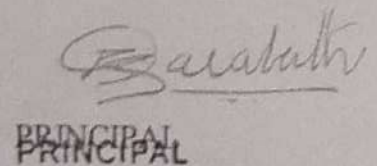
Witness:2



Y.B. Hothi



Dr. S.S. Kokate
CO-ORDINATER



PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot.



MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

2. Tungal School of Basic & Applied Sciences,
Jamkhandi-587301

ON

"PARAMARSH"

परामर्श
परामर्श
परामर्श



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 18-09-2019 between Commerce, B.H.S. Arts & T.G.P. Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST: BAGALKOT PIN 587301, KARNATAKA which expression shall include authorized representative of First Party,

(College Name). Tungal School of Basic & Applied Sciences, Jamkhandi, hereafter referred to as Mentee Institute and represented by its Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "Hub & Spoke" (H&S Model) where in the Mentor Institution, called the "hub" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "spoke" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.

Period of Validity

Unless the agreement is withdrawn by Mentor institute, this agreement shall be initially valid for one year from date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Mentor Institute



PRINCIPAL

(Dr. M. B. Mulimani)

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot

Mentee Institute

 (K.S. NADAPURDI)
PRINCIPAL
PRINCIPAL

Tungal School of Basic & Applied
Sciences (6260) JAMKHANDI.
Pin Code: 587301. Dist. Bagalkot.

B.L.D.E.A's

Commerce, BHS Arts and TGP Science College, Jamkhandi

NAAC III Cycle Accreditation 'A' Grade CGPA -3.32

UGC Paramarsh Mentor College

UGC PARAMARSH INITIATIVE

IQAC & Department of Life Sciences
in Collaboration with

Tungal School of Basic & Applied Sciences, Jamkhandi.

Organize

ONE DAY NATIONAL WEBINAR ON

"RELEVANCE OF INTELLECTUAL PROPERTY RIGHTS"

Chief Patrons



Dr. M B Patil
President
BLDE Association,
Vijayapura



Dr. R V Kulkarni
C.A.O.
BLDE Association
Vijayapura



Prof. S H Lagali
Administrative Officer
BLDE Association,
Jamkhandi



Sri. Ashok K Tungal
Managing Trustee
Tungal School of Basic &
Applied Sciences
Jamkhandi



Smt. Dr. Laxmi A. Tungal
Member Trustee
Tungal School of Basic &
Applied Sciences
Jamkhandi

SPEAKER



Dr. G. Shaber Ali
Principal
V M Salgaocar College of Law,
Miramar - Panjim, Goa

Conveners

Prof. R H Bidari
Accreditation Ambassador, UGC Paramarsh

Prof. M C Karabhari
NAAC Steering Committee Co-ordinator

Prof. S B Kamati
IQAC Co-ordinator

Patrons

Prof. B I Karalatti
Principal
BLDEA's Commerce, BHS Arts
& TGP Science College,
Jamkhandi.



Prof. Krishna Nadapurohit
Principal
Tungal School of Basic &
Applied Sciences,
Jamkhandi.



"All are cordially invited"



10th December 2020



Time: 10:00 AM

B.L.D.E.A's

Commerce, BHS Arts and TGP Science College, Jamkhandi



ज्ञान-विज्ञान विमुक्तये

NAAC III Cycle Accreditation 'A' Grade CGPA 3.32

UGC Paramarsh Mentor College

UGC PARAMARSH INITIATIVE



IQAC & Department of Life Sciences
in Collaboration with

Tungal School of Basic & Applied Sciences, Jamkhandi.

Organize

ONE DAY NATIONAL WEBINAR ON

"RELEVANCE OF INTELLECTUAL PROPERTY RIGHTS"

Organizing Secretary

Dr. N M Rolli

Associate Professor, HoD
Department of Botany

Deputy Organizing Secretary

Dharma Guru Prasad M P

Assistant Professor,
Department of Zoology

Joint Organizing Secretaries

Dr. Mahesh Akula

Co – Ordinator
NAAC Steering Committee

Dr. S M Soratur

Co – Ordinator
IQAC

Organizing Committee Members

BLDEA's Comm. BHS Arts & TGP Science College

Ashwini S Anantapur

Jabeena A Ladkhan

Soumya S Tungal

Vidyanand Kattimani

J.R.Khanbhogi

S.S.Konnur

C.B.Sutar

Tungal School of Basic & Applied Sciences

Mr.Prakash.K.Banakar

Dr.Anand Barangi

Mr.Shivanand Hosamani

Mr.Shridhar Talawar

Registration Link: <https://forms.gle/QANMwPDpUf7jJHv16>

Google Meet Link: <https://meet.google.com/rqw-drsh-efa>

WhatsApp group: <https://chat.whatsapp.com/Bjehr1Fyr0G41zXooPGkj5>

E-Certificates will be issued to all the registered participants

Contact:

Dr. N M Rolli

9448896839

Dharma Guru Prasad M P

8722303534

Free Registration

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.**

Dist.

State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

**BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Botany
MoU activity with
Shri Prabhulingeshwar Sugar's and Chemical Limited, Siddapur Jamakhandi**

Sr. No	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
01	Exchange of information on research learning materials and other literature relevant to the educational and research program	-	01	17/03/2021	Jamakhandi



**HEAD OF THE
BOTANY DEPARTMENT**

Coordinator
IQAC

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph. 08353 - 223344

PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI, Dist. Bagalkot.



Estd: 1910

ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಬಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಹಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date: 17-03-2021

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College, Jamakhandi

(Department of Botany)

And

Shri Prabhulingeshwar Sugar's & Chemicals Limited, Siddapur (Jamakhandi)

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College Jamakhandi, Department of Botany and Shri Prabhulingeshwar Sugar's & Chemicals Limited, Siddapur (Jamakhandi).

Wish to initiate collaboration 'To study recycling of sewage water & other disciplines'.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For, Shri Prabhulingeshwar Sugars & Chemicals Ltd

Prabhulingeshwar Sugars
Chairman & Managing Director

Head of the Department
HEAD OF THE
BOTANY DEPARTMENT

Principal

PRINCIPAL

Com. B.H.S Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. **Jamkhandi.** State: Karnataka



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph..08353-220003

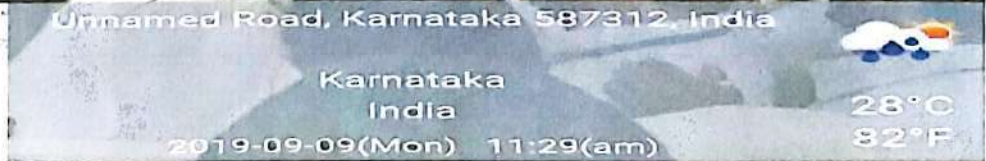
Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Rohini Biotechnology (Mahalingpura)

SL. No	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
01	Exchange of information on research learning materials and other literature relevant to the educational and research program	120	03	11-08-2020	Mahalingpura



**HEAD OF THE
BOTANY DEPARTMENT**

**Coordinator
IQAC**
B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223344

PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI Dist Raichur

Estd. 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಟಿ. ಬಿಲ್ಡ್‌ನ ಮಹಾಬಿದ್ಯಾಲಯ,

ಬಿ. ಜಾಂಕಂಡಿ

ಜಮಖಂಡಿ-587 301

ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: 4918353 220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website: www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date 11-08-2020

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, BHS Arts & TGP Science College, Jamkhandi

(Bio Science)

And

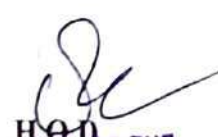
Rohini Biotechnology Mahalingapur

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi, Department of Bioscience and Rohini Biotechnology wish to initiate collaboration in research and other disciplines.

The main objective is to foster collaboration, exchange of information on research learning materials and other literature relevant to the educational & research programmes.

For M/s. ROHINI BIOTECH


Proprietor
Rohini Biotechnology


H.O.D.
HEAD OF THE
BOTANY DEPARTMENT


Principal
Com. B.H.S. Arts & T.G.P. Science College
JAMKHANDI, Dist. Bagalkot

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.** Dist. State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph: 08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi

Department of Botany

MoU activity with

Jamkhandi Sugars Limited, Hirepdasalagi (Jamkhandi)

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Foster Collaboration Exchange of information on learning materials and other information relevant to the educational programmes.	120	03		Hirepdasalagi




**HEAD OF THE
BOTANY DEPARTMENT.**


**Coordinator
IQAC**
B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223344


PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sa. College
JAMKHANDI, Dist Raikot



Estd: 1910

ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಐ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಟಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಡಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಬಂಧಿತ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date:

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College, Jamakhandi

(Department of Botany)

And

Jamakhandi Sugar's Limited, Hirepadasalagi (Jamakhandi)

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College Jamakhandi, Department of Botany and Jamakhandi Sugar's Limited (Hirepadasalagi) wish to initiate collaboration 'To study recycling of sewage water & other disciplines'.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For, JAMKHANDI SUGARS LTD.

Jamakhandi Sugars
MANAGING DIRECTOR

Head of the Department
HEAD OF THE
BOTANY DEPARTMENT

Principal
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.



Commerce, BHS Arts & TGP Science College,
Dist. Bagalkot **Jamkhandi.** State: Karnataka



(NAAC Re-Accredited with "A" Grade)

Ph 08353 220003

Fax 08353 220183

email : bldknd@yahoo.in

Website : www.bldknd.org

Ref :

Date:

Memorandum of Understanding for Academic Cooperation
Between
B.L.D.E.A's Commerce, BHS Arts & TGP Science college Jamkhandi
(Department of Commerce)
&
Sadanand PVC PVT LTD (Jamkhandi)

B.L.D.E.A's Commerce, BHS Arts & TGP Science college Jamkhandi, Department of Commerce and Sadanand PVC PVT LTD wish to initiate collaboration in training related to its products and other disciplines.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For Sadanand PVC PVT LTD



for
IQAC Coordinator

Coordinator
IQAC
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph. 08353 - 220004

S. S. S. S.
PRINCIPAL

PRINCIPAL
Com., B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.**

Dist.

State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)



Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

**BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Dempo dairy (Asangi)**

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Training related to dairy and its by products and other disciplines	116	03	03-03-2020	Asangi




HEAD OF THE
BOTANY DEPARTMENT


Coordinator
IQAC
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph.: 08353 - 223344


PRINCIPAL
Comm. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI, Dist. Raichur.

Estd : 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ
ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಟಿ. ಪಿ. ವಿಜ್ಞಾನ ಪುಸ್ತಕಾಲಯ,
ಬಿ. ಬಾಗಲಕೋಟೆ ಜಮಖಂಡಿ-587 301 ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: +918353-220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website : www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date : 01-06-2020

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi

(Department of Bio Science)

And

Dempo-Dairy (Asangi)

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi, Department of Bioscience and Dempo-Dairy (Asangi) wish to initiate collaboration in training related to dairy & its by-products and other disciplines.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For Dempo Dairy Industries Ltd

Managing Director
Dempo-Dairy

HEAD OF THE
BQTY DEPARTMENT

Principal
PRINCIPAL
Comm. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. Bagalkot **Jamkhandi.** State: Karnataka



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website : www.bldeajkd.ac.in

Ref.:

Date: 28-02-2020

To,
Managing Director,
Dempodairy Industry Limited, Asangi.
Tq-Rabakavi Banahatti, Dist-Bagalkot

Sub-Permission to visit Dempodairy Industry.

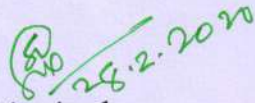
Sir,

With reference to the above subject here with we are visiting to your well established Dempodairy Plant. It is a part of curriculum for B.Sc VI Sem students. So, kindly provide permission on 03/03/2020. Please consider & oblige.

Number of staff: 03

Number of student : 116

Thank you.


Principal

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College,
JAMKHANDI, Dist. Bagalkot.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 2.58 on seven point scale at 'B' Grade)

☎ 08356220329 / 222175
FAX 08356220329 / 221121

* email princmgvc@gmail.com *

Ref No

Date 16.01.2020

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC COOPRATIONS
BETWEEN**

**M.G.V.C. ARTS, COMMERCE AND SCIENCE COLLEGE MUDEBIHAL DIST BIJAPUR
(DEPT OF BOTANY)**

AND

**BLDEA's ARTS, COMMERCE AND SCIENCE DEGREE COLLEGE JAMKHANDI
(DEPT OF BOTANY)**

M.G.V.C.Arts,Commerce and Science College Muddebihal (Prof: S.V.Gurumath Associate Professor Department of Botany) and BLDEA's Arts,Commerce and Science College Jamkhandi (Dr. N.M.Rolli Associate Professor Department of Botany) wish to initiate collaboration in research and in other disciplines.

The main objective is to foster collaboration, exchange of information on research learning materials and other literature relevant to the educational and research programmes.

Prof: S.V.Gurumath

Associate Professor

Department of Botany

Dr. N.M.Rolli

Associate Professor

Department of Botany

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot

PRINCIPAL,
M. G. V. C. Arts, Com. & Science College
MUDEBIHAL - 586212,



Estd:1910

ಬಿ. ಲಾಂಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಐ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ರಾಜ್ ಬನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.: /2020-21

Date:

Department of Commerce

MOU activity with

Deshapande Educational Trust, Hubli

Sl. No.	Nature of Activity	No. of Students Participated	No. of Faculties Participated	Date	Venue
01	Placement Orientation and Career Guidance	200	10	23-08-2021	BLDEA's Commerce, BHS Arts and TGP Science College, Jamkhandi



Convener
NAAC Criterion - III

Research, Innovations & Extension
B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College, JAMKHANDI

Coordinator
IQAC

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph: 08353 - 223344

PRINCIPAL

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,

JAMKHANDI-587301.



UBER COLLEGE
MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ('MOU') is made at Hubli, Karnataka, India on this 16th day of October 2020 by and between:

Deshpande Educational Trust, a charitable trust incorporated under the Indian Trusts Act 1882, and having its principal office at Airport Road, Hubballi, Karnataka 580030 India, (hereinafter "**Deshpande Skilling**") duly represented by its Chief Operating Officer, Mr. P.N. Nayak which expression shall, unless it be repugnant to the meaning or context thereof be deemed to mean and include its successors and assigns

AND

"BLDEA's Commerce, BHS Arts & TGP Science College ,Jamkhandi" having its presence in District Bagalkot, Pin code - 587301 offering technical diploma / under graduation courses for B.Com, BA, B.Sc., B.Ed., BBA, Diploma represented by its **Prof. B I Karalatti** (hereinafter referred to as "**Partner College**"), which expression shall, unless repugnant to the meaning or context thereof, be deemed to mean and include its successors and permitted assigns)

AND

DESHPANDE SKILLING and **The PARTNER COLLEGE** are hereinafter collectively referred to as '**Parties**' and individually as a '**Party**'.

WHEREAS:

1. **DESHPANDE SKILLING** a "not for profit" trust, an impact unit of **Deshpande Foundation, India**, and a training partner of **National Skill Development corporation (NSDC)**, involved in the activity of conducting residential employability skills training programs for graduates of rural and semi urban colleges at its skilling campus in Hubballi, and providing placement assistance to its students. **Deshpande Skilling** is desirous to bring about rural transformation by building employability skills among graduate youth from rural and semi urban colleges and assist them earn their first employment in the formal sector. **Deshpande Skilling** wishes to admit job seeking students who pass out of college, but have failed to acquire the required skills to earn employment to its skilling program.

Office 1- Next to Infosys, New Airport road, Gokul Road , Hubballi 580030.

Office 2 - DCSE Building • BVBCET Campus, Vidyanagar, Hubballi 580031, Phone: 2378500

2. DESHPANDE SKILLING collects a fee from the students enrolling for the residential skilling program with the objective of ensuring ownership of the student in the exercise. The quantum of fees forms only part of the cost of the activity. DESHPANDE SKILLING neither earns nor is desirous of any profit from the activity of skilling.
3. The PARTNER COLLEGE is desirous to see more of its students succeed to earn their employment in reputed organizations and also enhance its own placement record.
4. The two parties, DESHPANDE SKILLING and The PARTNER COLLEGE seek to partner with each other, to achieve the common goal of skilling graduate pass outs, and thereby succeed in starting their working career.
5. The principal and staff of the PARTNER COLLEGE will identify and recommend to DESHPANDE SKILLING names of final year students of the college who are inclined to join a job after graduating but are lacking in skills critical to earn their placement.
6. The principal and staff of the PARTNER COLLEGE will also identify deserving students who are financially challenged for concession in fees, and recommend same to DESHPANDE SKILLING.
7. DESHPANDE SKILLING will select students from the list recommended by the PARTNER COLLEGE and offers to admit, train and provide placement assistance to students who join the various programs.
8. DESHPANDE SKILLING offers skill training and placement assistance to students of many colleges and will form training cohorts of students from multiple colleges. Students of the PARTNER COLLEGE will be provided with common facilities and training services as all other students in training.
9. DESHPANDE FOUNDATION will offer concessional fee structure to the financially challenged students as per recommendation of the PARTNER COLLEGE principal. The total concession amount available to the students of the PARTNER COLLEGE will depend on the number of admissions, and will be mutually decided by the two parties.
10. The Parties recognize the capabilities and resources that each party brings, and agrees to use their best efforts to bring together those capabilities and resources to collaborate for the purpose of supporting skill-based training with DESHPANDE SKILLING. The PARTNER COLLEGE will support by identifying and counselling job seeking students to take benefit best from the skilling program. DESHPANDE FOUNDATION will support by skilling and placing students of the PARTNER COLLEGE and enhance its placement rate.

11. DESHPANDE SKILLING will work with the PARTNER COLLEGE to build a mindset of preparing early to earn a placement and start career among select students of the partner college. The 2 parties will agree on an annual activity calendar that could include group counselling and Q&A session, interaction with Alumni of the college who have been successful, remote classes for students, and any other activities that could give students awareness and exposure.
12. DESHPANDE FOUNDATION will also extend invitation to staff of the PARTNER COLLEGE to attend trainings and workshops that it will conduct on Skills Development for employability and other such areas that can contribute to enhancing placement record of the PARTNER COLLEGE.

The Parties are therefore entering into this MOU to record the terms and conditions of this collaboration. **DESHPANDE SKILLING** and **THE PARTNER COLLEGE** have agreed to enter into this MOU to record their present state of agreement in principle in respect of the **UBER College Partnership Program**.

NOW IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

This collaboration between DESHPANDE SKILLING and THE PARTNER COLLEGE will be to impart skill training and provide placement assistance to select students of "THE PARTNER COLLEGE" to be able earn their first employment. The objective of this partnership is to facilitate rural transformation by getting rural youth into productive employment, and to enhance the placement record of the partner college.

Roles & Responsibilities of PARTNER COLLEGE:

1. Party would enter in MOU for the DESHPANDE SKILLING's "**UBER College Partnership Program**" for Skill development Training for interested students of The PARTNER COLLEGE.
2. PARTNER COLLEGE will support the program by recommending about 30 most suitable students of the college each year for the residential skilling program for graduate students conducted by DESHPANDE SKILLING at its Skilling campus.
3. PARTNER COLLEGE will recommend students from BA / B.Com/B.Sc. / BBA / BCA / B.Ed. / Technical Diploma / ITI streams only.
4. PARTNER COLLEGE will apply adequate justification for recommendation of each student for admission. The recommendation will be an informed decision that the student would benefit from the skilling program and the student and his/her family has a high "need for job".

5. PARTNER COLLEGE will avoid recommending candidates who already possess good employability skills, or candidates who are extremely low on employability skills or candidates who are not keen to start their working career immediately.
6. PARTNER COLLEGE will permit and facilitate representatives of DESHPANDE FOUNDATION to interact with the recommended students and their parents at the college for counselling before admission to the program.
7. The PARTNER COLLEGE will not have objection to DESHPANDE SKILLING collecting a part of the cost of skilling each student, in the form of fellowship fees from the students.
8. The PARTNER COLLEGE will identify and recommend reduction fellowship fees for selected candidates from the list of recommended candidates based on family of the specific candidate. The maximum recommendation for reduction in fellowship fees for any candidate will not exceed 50 % of the fees. The cumulative discount amount recommended by the Partner colleges for the year will not exceed the limit mutually agreed between DESHPANDE SKILLING and the PARTNER COLLEGE.
9. The PARTNER COLLEGE will permit DESHPANDE SKILLING to list the PARTNER COLLEGE as its partner on its Web Site and other communication channels.

Roles & Responsibilities of DESHPANDE SKILLING:

1. DESHPANDE SKILLING will enter into MOU with the PARTNER COLLEGE and work closely with the college to develop student mindset for "preparing for placement" early and to enhance placement record of the Partner College by skilling select students at its residential skilling center and provide them placement assistance to earn their job offer.
2. DESHPANDE SKILLING will develop a calendar of interactions with select students of the partner college to develop awareness of job roles, competencies for job roles and a mindset for preparing for job roles right from their first year in college.
3. DESHPANDE SKILLING will counsel students recommended by the college and assess their trainability and need for job before admitting the students for the residential skilling program.
4. DESHPANDE SKILLING will provide the skill training to students of the partner college at its residential skilling facility as per academic plan of the specific program into which they are admitted.

5. DESHPANDE SKILLING will offer placement assistance to students of the Partner College admitted to its skilling program. Every student will be provided with multiple opportunities for placement process of different companies.
6. DESHPANDE SKILLING will with employer organizations to understand current and future skill requirements of employers and also to invite employers to provide opportunity to fellows of the skilling program for openings in their organizations.
7. THE PARTNER COLLEGE will be branded in DESHPANDE SKILLING's program website and other relevant platforms which are viewed by community of employers.
8. DESHPANDE SKILLING will provide updates about the progress of students of the partner college to the placement officer and principal of the partner college. The partner college will also be updated about the job offers received by its students.
9. DESHPANDE SKILLING retains its right to charge the students skill trainings.
10. DESHPANDE SKILLING will communicate that the partner college can extend to its financially challenged students during the first week of January each year.
11. DESHPANDE SKILLING will provide training completion certificates to all such students who have successfully completed the training. The certificate will bear the logo of NSDC and DESHPANDE SKILLING.
12. DESHPANDE SKILLING will provide placement assistance to students of the program thru its in-house Placement Assistance Cell or its placement partners.

Training Details:

S.No.	Program Name	Industry Sector	Eligibility Qualification	Duration (weeks)
1	Deshpande Koutilya Fellowship Program	BFSI	B.Com, BBA,BBM	16 to 20
2	Deshpande Susandhi Fellowship Program	IT/ITES	BA,B,Sc; B.Com,BBA,BBM	12 to 16
3	Deshpande Akanksha Fellowship Program	Teacher	B.Ed. D.Ed.	12 to 16
4	Deshpande IT Program	Hardware & Networking	Diploma CS, ITI CS; BCA; BCM	12 to 16
5	Deshpande Susandhi Electrician Program	Electrical Maintenance	Diploma E&E / E&C ; ITI electrician	8 to 12
6	Deshpande CNC Pro	Manufacturing	Diploma Mech ; ITI Mech	8 to 12

Joint contributions:

1. DESHPANDE SKILLING and "BLDE'S Commerce, BHS Arts & TGP Science College, Jamkhandi" shall collaborate in order to identify training at various places for participation in the programs conducted under this partnership.

Notices

Any notice, or other communication under this MoU shall be in writing and shall be deemed to have been effectively served if sent by personal delivery or courier or by registered prepaid mail and addressed to the Parties at their respective addresses set forth hereinbefore (or at such other address as a Party may specify by notice to the other).

Miscellaneous

Entire Agreement: The Parties have read and understood this MoU, along any document referred to in this MoU and annexure constitute the complete and exclusive statement of MoU between them with respect to the subject matter hereof and supersedes all proposals, representations, understandings, including any prior agreement whether oral or written and all other communications between them relating thereto.

Heading: The headings of terms and conditions herein contained are inserted for convenience of reference only and are not intended to be a part of or to affect the meaning or interpretation of any of the terms and conditions of this MoU.

Severability: In the event that any of these terms, conditions or provisions shall be determined invalid, unlawful or unenforceable, to such an extent, such terms, conditions or provisions shall be severed from the remaining terms, conditions and provisions and such remaining terms, conditions and provisions shall continue to be valid to the fullest extent permitted by law, provided however if such invalid, unlawful or unenforceable terms, conditions or provisions may be made legal, valid and enforceable by limitation or modification thereof, then the term, condition or provision shall be revised and reformed to make it legal, valid and enforceable to the maximum extent provided by law.

Waiver: The failure of either Party hereto at any time to enforce performance by the other Party of any provision of this MoU shall in no way affect such Party's rights thereafter to enforce the same, nor shall the waiver by either Party of any breach of any provision hereof be deemed to be a waiver by such Party of any other breach of the same or any other provision hereof.

Variation: No variation or amendments shall be effective unless the same is in writing signed by the Parties or their authorized representatives.

Counter Parts: This MoU may be signed in any number of counterparts, each of which when so executed and delivered shall be an original, but all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF the Parties hereto have duly executed this MOU as on date above written.

2. **DESHPANDE SKILLING** and "BLDE'S Commerce, BHS Arts & TGP Science College, Jamkhandi" will jointly promote skill development and other events organized under this partnership.

Engagement Team:

DESHPANDE SKILLING engagement team will comprise of the following point of contacts:

NAME: Basavaraj K, Manager-Deshpande Skilling

Email: basavaraj.dfp@dfmail.org

"V.J.Kadadevar" engagement team will comprise of the following point of contacts:

Email: bldeabbajkd@gmail.com

Term, Termination and Effect of Termination

This MOU will commence on the date written herein below ("the Effective Date") and shall be valid ("the Term"). Each Party shall, at any time during the Term, be entitled to immediately terminate this MOU by giving written notice to the other party. If such other Party materially breaches this MOU or if such other Party or its representatives engage in activities that non-defaulting Party reasonably believes pose a risk to its reputation or goodwill, terminates above mentioned MOU

Confidentiality

The Parties acknowledge that, in the course of their negotiations under this MOU, it may be necessary for one Party to provide documentation, technical and business information and/or intellectual property, in whatever form recorded (collectively, "Confidential Information"), to the other Party. All Confidential Information provided or disclosed by either Party hereunder shall remain the property of the furnishing party, and shall be held in strict confidence by the receiving Party, unless the furnishing Party otherwise consents in writing or unless disclosure of such Confidential Information is required by the applicable laws.

Any disputes or differences which may arise between the Parties out of, in relation to or in connection with this MoU, or for the breach thereof shall be settled by arbitration. Each Party hereto shall be entitled to appoint 1 (one) arbitrator and the 2 (two) arbitrators so appointed shall appoint the presiding arbitrator. The Arbitration and Conciliation Act 1996 or any statutory modifications shall govern the arbitration thereof. The venue of arbitration shall be at Hubballi, India and language of arbitration shall be English language.

Applicable Law & Jurisdiction

Any action/dispute/claim arising out of or related to this MoU shall be governed by the laws of India and the courts at Hubballi shall have exclusive jurisdiction in respect of all such actions/disputes/claims arising out of this MoU.



COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Karnataka State

Bagalkot
Tel : +918353-220183 (Principal) 220003 (Office) Fax.: +918353 220183 email: bideaikd@yahoo.in Website: www.bideaikd.org

NAAC Re-Accredited with 'A' Grade

Date: 30/7/2016

To,

The Director,
CEDOK,
Plot No.1 (A&S), Belur Industrial Area,
Belgaum Road,
DHARWAD-580 001.

Dear Sir,





Centre for Entrepreneurship Development of Karnataka (CEDOK), Dharwad and District Industries Centre, Bagalkot and B.L.D.E.A's Commerce B.H.S. Arts and T.G.P. Science College, Jamkhandi has jointly organized 3 days Entrepreneurship Awareness Camp for final year B.Sc. students from 28-07-2016 to 30-07-2016. The camp was organized systematically. 80 students attended the camp.

This camp really motivates the students towards entrepreneurship so we request you to arrange the EAC's camp in the years to come.

Further, the camp was most resourceful and this institute sincerely thanks the thought provoking ideas and guidance given by CEDOK.

PRINCIPAL

**Com. BHS. Arts & TGP. Sc. College
JAMKHANDI (Dist. Bagalkot)**

DESHPANDE SKILLING	
By signing this MOU, I also confirm that I am authorized to sign on behalf of DESHPANDE EDUCATIONAL TRUST.	By signing this MOU, I also confirm that I am authorized to sign on behalf of
Signature:  	Signature:  
Name: P N Nayak	Name: Prof. B I Karalatti
Title: Chief Operating Office Deshpande Skilling, Hubballi	Title: Principal BLDE's Commerce, BHS Arts & TGP Science College, Jamkhandi
Date: 16-10-2020	Date: 17-10-2020



B.L.D.E. ASSOCIATION'S

COMMERCE, B.H.S. ARTS & T.G.P SCIENCE COLLEGE, JAMKHANDI - 587301

(DISTRICT: BAGALKOT)

NAAC3rd Cycle Accredited with 'A' Grade (CGPA-3.32)

Phone/fax: 08353-220183 | Email: bldeajkd@yahoo.in | Website: www.bldeajkd.ac.in

CRITERIA – VI

Governance, Leadership & Management





*6.5.1 Practice II:
Augmentation of Academic
& Professional Linkages.
MoUs*

INDEX

SL.NO	Name of the Institution/ Industry/ Corporate House (with whom MoU is Signed)
1	Government First Grade College, Navabag,Vijaypur
2	Government First Grade College, Rabakavi-Banahatti
3	Government First Grade College, Hunnur
4	Shri.C.N.Nirani Government First Grade College ,Savalagi
5	Jamkhandi Sugars Limited Hirepadsalagi (Jamkhandi)
6	S.S.N Arts and Commerce College, Hukkeri
7	Shri Prabulingeshwar Sugars and Chemical limited,Siddapur (Jamkhandi)
8	Academic Institute of Computer Education Society ,Vijayapur
9	KLE's PC Jabin College, Hubli
10	Mathematical Sciences Institute, Belagavi
11	Shri Jagadamba First Grade Arts and Science College,Hittinahalli
12	JSS STC Arts and Commerce College,Banahatti
13	Rohini Biotechnology,Mahalingpur
14	Kannada Sangha(RI), Jamkhandi
15	S.B.Arts and K.C.P.Science College,Vijayapur
16	Latthe Education Society's Smt.Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shamanewadi (IQAC)
17	Latthe Education Society's Smt.Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shamanewadi (English)

18	Dempo Dairy (Asangi)
19	M.G.V.C Arts, Commerce and Science College, Muddebihal
20	Deshpande Educational Trust Transforming Life,Hubli
21	Shri Channabasaveshwar Vidyavardhak Sangha Dr.C.B.Kuligod Degree College,Mugalkhod
22	Shree Jagadamba First Grade Arts and Science College, Hittinahalli Tq:Sindagi Dist:Vijayapur
23	Tungal School of Basic & Applied Sciences, Jamkhandi
24	Shri Galava Mahashri Arts and Commerce College A/P Galagali Tq: Bilagi Dist: Bagalkot
25	B.L.D.E Association's Law College,Jamkhandi
26	B.V.V Sangha's Basaveshwar Science College,Bagalkot
27	Shri S.R.Kanthi Arts, Commerce & Science College, Mudhol
28	National Testing Agency (NTA)
29	Shri Kadasiddeshwar Arts College and B.H.S. Kotambari Science Institute
30	Tungal School of Basic & Applied Science, Jamkhandi (Dept of Chemistry)
31	V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti (Political Science)
32	V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti (Commerce)
33	V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti(English)
34	Institute of Finanace, Banking and Insurance, Mysore
35	University of Porto Portugal



Estd: 1910

ಬಿ. ಲಾಂಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಐ. ಪಿ. ವಿಜ್ಞಾನ ಪುಸ್ತಕಾಲಯ,
ಬಿ.ಎಲ್.ಡಿ.ಇ-587 301

(ರಾಜ್ಯ ಚಿನ್ನ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date:

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity by
Department of English with Government First Grade College, Vijaypur

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Special Lecture by Prof S.B Kamati in GFGC Vijaypur	100	1	21 st September 2019	Seminar Hall GFGC Vijaypur



Special Lecture by Prof S.B Kamati in GFGC Vijaypur


Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344



PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION

Between

DEPARTMENT OF ENGLISH

BLDE Associations

Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301

&

DEPARTMENT OF ENGLISH

Government First Grade College, Navabag, Vijaypur-586108

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Department of English, BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301, Karnataka and Department of English, Government First Grade College, Navabag, Vijaypur-586108 is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the exchange of faculty for teaching.

Research:

Both institutions will collaborative in research activities.

Guest Lectures: Both institutions will extend the necessary support to deliver Guest Lecturers to the students on the technology trends and in house requirements.

Term: This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This memorandum of agreement may be terminated by either institution by providing 180 days written notice to the Co-ordinators listed below.

There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following official to serve as coordinators under this memorandum of the agreement. Individuals designated as coordinates may be revised by either party by providing written notice to the current coordinators.

Prof. M C Karabhari

Head of the Department of English

BLDEA's

Commerce, BHS Arts and TGP Science College

Jamkhandi – 587 301

Mrs. Aliya Mulla

Head of the Department of English

Government First Grade College

Navabag,

Vijaypur 586108


General

Department of English, BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301 and Department of English, Government First Grade College, Navabag, Vijaypur-586108 may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the program coordinators may explore the developments of funding to carry out this collaboration.


All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.


AGREED


Head of Department
Department of English
BLDE Association's
Commerce BHS Arts & TGP Science College
JAMKHANDI - 587301


(Smt. A. A. Mulla)

Name of the Institution	Name of the Institution
Department of English BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301	Department of English, Government First Grade College, Navabag, Vijaypur-586108
Mobile No.: +91 9980200298	Mobile No.: +919164358476
Tel. No.: +918353-220183	Tel. No.: 08352 295212
Email: bldeajkd@yahoo.in	Email: principalgfgcb@gmail.com
Website: http://www.bldeajkd.ac.in	Website: gfgc.kar.nic.in/vijapura/

Witness 1: 

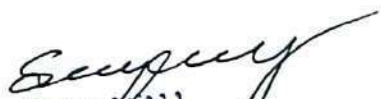
Witness 1: 
(A.T. Mudakannavar)

Witness 2: 

Witness 2: 
(B. L. Patil)



PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College
JAMKHANDI-587301.


PRINCIPAL
Govt. First Grade College
VIJAYAPUR.


16/09/20



ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ

ಸರ್ಕಾರಿ ಪ್ರಥಮ ದರ್ಜೆ ಕಾಲೇಜು, ರಬಕವಿ-ಬನಹಟ್ಟಿ

Government First Grade College, Rabakavi-Banahatti

ಹನುಮಾನ ದೇವಸ್ಥಾನದ ಹತ್ತಿರ, ಮದನಮಟ್ಟ ಮು,ಪೋ:ಹಳಿಂಗಳಿ-587315 ತಾ:ರಬಕವಿ-ಬನಹಟ್ಟಿ ಜಿ:ಬಾಗಲಕೋಟೆ

ಮೊ:9535656501/9731291128 ವೆಬ್‌ಸೈಟ್:<http://gfgc.kar.nic.in/rabakavibanahatti/>

Ref. GFGCRB/MOU/2020-21

Date : 10/04/2021

Memorandum of Understanding for Academic Co-operation

Between

Government First Grade College, Rabakavi-Banahatti

and

BLDEA's Degree College Jamakhandi (Dept.of Botany)

Principal, Government First Grade College, Rabakavi-Banahatti and
Dr. N. M. Rolli Associate professor of Botany BLDEA's Degree College
Jamakhandi wish to initiate collaboration in research and other disciplines.

The main Objective is to foster collaboration, exchange of
information on research learning materials and other literature relevant to the
educational and research programmes

Dr.N M Rolli
Dept. of Botany
BLDEA's
Degree college Jamakhandi



Shankar L Araballi
PRINCIPAL

**GOVERNMENT FIRST GRADE
COLLEGE RABAKAVI-BANAHATT**

Prof Shankar L Araballi
Principal
GFGC Rabakavi-Banahatti

Shankar L Araballi
PRINCIPAL
Om. B.H.S. Arts & T.G.P. Sci. Coll.
15/4/2021



B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. **Jamkhandi.** State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)



Ph.:08353-220003

Fax: 08353-220183

email : bldeaikd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Government First Grade College, Hunnur

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Training related to dairy and its by products and other disciplines	-	06	30-09-2021	Hunnur




Head of the
Botany Department


Coordinator
IQAC
BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344


PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science Colle
JAMKHANDI-587301.



Estd: 1910

ಬಿ. ಜಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಬಿ. ಎಸ್. ಎನ್. ಕಲೆ ಮತ್ತು ಟಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂಡಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.: BLDEA/IQAC/217/2021

Date: 6/9/21

**Memorandum of Understanding
for Academic Co-operation**

between

Government First Grade College, Hunnur

and

BLDEA's Commerce, BHS Arts & TGP Science College

Jamakhandi

(Department of Botany)

Principal, Government First Grade College, Hunnur and Department of Botany headed by Dr N M Rolli of BLDEA's Commerce BHS Arts & TGP Science College Jamakhandi wish to initiate collaboration in propagating green campus initiatives.

The main Objective is to foster collaboration, exchange of information on environmental consciousness and other literature relevant to the educational and research programmes of the green initiatives.


PRINCIPAL
GOVT. FIRST GRADE COLLEGE
HUNNUR - 587119
Tq. Jamkhandi, Dist. Bagalkot




PRINCIPAL

Com., B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot


Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344



BLDE Association's

Commerce, BHS Arts & TGP Science College,
Dist Jamkhandi. State:



(NAAC III Cycle Accreditation 'A' Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)



Ph 08353-220003

Fax: 08353-220183

email: bldeajam@yahoo.in

Website:

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Shri C. N. Nirani Government First Grade College, Savalagi

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Training related to dairy and its by products and other disciplines	-	06	30-09-2021	Savalagi



Convener
NAAC Criterion - III
Research, Innovations & Extension
B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, JAMKHANDI

Coordinator
IQAC
BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL
B.L.D.E Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ

ಶ್ರೀ. ಸಿ. ಎನ್ ನಿರಾಣಿ ಸರ್ಕಾರಿ ಪ್ರಥಮ ದರ್ಜೆ ಕಾಲೇಜು ಸಾವಲಗಿ

Shri C. N. Nirani Government First Grade College, Savalagi

ತಾ/ ಜಮಖಂಡಿ ಜಿ. ಬಾಗಲಕೋಟೆ 587330

email id: gfgcsavalagi250122@gmail.com website: <https://gfgc.kar.nic.in/savalagi>

Ref.GFGCSVG/MOU/2021-22

Date: 23/09/2021

Memorandum of Understanding for Academic Co-operation

Between

Shri C. N. Nirani Government First Grade College, Savalagi

And

BLDEA's Degree College, Jamkhandi (Dept. of Botany)

Principal, Shri C. N. Nirani Government First Grade College, Savalagi and Dr N. M. Rolli, Associate Professor of Botany, BLDEA's Degree College, Jamkhandi wishes to initiate collaboration in research and other activities.

The main objectives is to foster collaboration, exchange of information on research learning material and other literature relevant to the educational and research programmes.

Dr N. M. Rolli
Associate Professor of Botany,
BLDEA's Degree College,
Jamkhandi

PRINCIPAL
Commerce B.H.S. Arts & T.G.P.
Science Degree College, JAMKHANDI

Principal
Shri C. N. Nirani
Government First Grade College,
Savalagi, Tal-Jamkhandi

ಪ್ರಾಂಶುಪಾಲರು

ಶ್ರೀ ಸಿ. ಎನ್. ನಿರಾಣಿ

ಸರ್ಕಾರಿ ಪ್ರಥಮ ದರ್ಜೆ ಕಾಲೇಜು, ಸಾವಲಗಿ.
ಪಿನ್-587330. ತಾ. ಜಮಖಂಡಿ. ಜಿ. ಬಾಗಲಕೋಟೆ

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.**

Dist.

State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph: 08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi

Department of Botany

MoU activity with

Jamkhandi Sugars Limited, Hirepdasalagi (Jamkhandi)

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Foster Collaboration Exchange of information on learning materials and other information relevant to the educational programmes.	120	03		Hirepdasalagi




**HEAD OF THE
BOTANY DEPARTMENT.**


**Coordinator
IQAC**
B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223344


PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sa. College
JAMKHANDI, Dist Raikot



Estd: 1910

ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಐ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಟಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಡಿ-587 301

(ರಾಜ್ಯ ಚಿನ್ನಮುಕ್ತ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಬಂಧಿತ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date :

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College, Jamakhandi

(Department of Botany)

And

Jamakhandi Sugar's Limited, Hirepadasalagi (Jamakhandi)

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College Jamakhandi, Department of Botany and Jamakhandi Sugar's Limited (Hirepadasalagi) wish to initiate collaboration 'To study recycling of sewage water & other disciplines'.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For, JAMKHANDI SUGARS LTD.

Jamakhandi Sugars
MANAGING DIRECTOR

Head of the Department
HEAD OF THE
BOTANY DEPARTMENT

Principal
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION

Between
DEPARTMENT OF ECONOMICS
BLDE Associations
Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301
&
DEPARTMENT OF ECONOMICS
S.S.N Arts and Commerce College, Hukkeri.-591309

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Department of Economics, BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301, Karnataka and Department of Economics S.S.N Arts and Commerce College, Hukkeri-591309, Dist. Belagavi is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the **exchange of faculty** for teaching.

Research:

Both institutions will Collaborative research activities.

Guest Lectures: Both institutions will extend the necessary support to deliver **Guest Lecturers** to the students on the technology trends and in house requirements.

Term: This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This memorandum of agreement may be terminated by either institution by providing 180 days written notice to the Co-ordinators listed below.
There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following official to serve as coordinators under this memorandum of the agreement. Individuals designated as coordinates may be revised by either party by providing written notice to the current coordinators.

Dr. D.S.Nittur

Head of the Department of Economics
BLDEA's
Commerce, BHS Arts and TGP Science
College Jamkhandi – 587 301

Prof. S.A.Mareppagol

Head of the Department of Economics
SSN Arts and Commerce College,
Hukkeri Tq. Hukkeri
Dist. Belagavi.-591309

General

Department of Economics, BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301 and Department of Economics S.S.N Arts and Commerce College, Hukkeri.-591309, Dist. Belagavi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the program coordinators may explore the developments of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

AGREED

For
Name of the Institution
Department of Economics
BLDE Associations Commerce, BHS Arts
and TGP Science College
Jamkhandi – 587 301

For
Name of the Institution
Department of Economics
SSN Arts and Commerce College
Hukkeri Tq. Hukkeri,
Dist. Belagavi

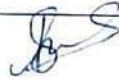
Name of the Institution	Name of the Institution
Department of Economics BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301	Department of Economics SSN Arts and Commerce College Hukkeri Tq. Hukkeri, Dist. Belagavi
Mobile No.: +91 9986153052	Mobile No.: +91 9901340602
Tel. No.: +918353-220183	Tel. No.
Email: bldeajkd@yahoo.in	Email:smareppagol@gmail.com
Website: http://www.bldeajkd.ac.in	Website:

Witness 1: 
**Head of the
Zoology Department**

Witness 2: 
**Coordinator
BLDE Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph. 08353 - 223344**


**H.O.D.
DEPARTMENT OF ECONOMICS
BLDE Association's
Commerce, B.H.S. Arts, & T.G.P.
Science College, JAMKHANDI-587301**



**PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot**


HOD OF COMMERCE

Witness 1: **S. S. N. Arts & Commerce
College, HUKKERI-591309.**

Witness 2: **HOD OF KANNADA**


**S. S. N. Arts & Commerce
College, HUKKERI-591309.**


**HOD DEPT OF ECONOMICS
S. S. N. Arts & Commerce
College, HUKKERI-591309.**


**PRINCIPAL
S.S.N. Arts & Commerce College
HUKKERI**

C.S. TUBACHI EDUCATION SOCIETY'S
S.S.N. ARTS AND COMMERCE COLLEGE,
HUKKERI DISTRICT BELGAUM
ACCREDITED BY NAAC "B+"

No. SSN/HKR/Guest Lect/2020-21/

Dated: 16.01.2021

APPRECIATION LETTER

This is to certify that Dr. D.S.Nittur, H.O.D of Economics Commerce, BHS Arts & TGP Science College, Jamakhandi has been a resource person for an online Special lecture program through Google platform on "**Agriculture Production of Indian Economy**" held on 12.01.2021. His speech on the topic was excellent and informative.

Thanking you,

Yours faithfully,



PRINCIPAL

S S N Arts & Commerce College

HUKKERI

C.S. TUBACHI EDUCATION SOCIETY'S
S.S.N. ARTS AND COMMERCE COLLEGE,
HUKKERI DISTRICT BELGAUM
ACCRIDITATED BY NAAC "B+"

No. SSN/HKR/Guest Lect/2020-21/

Dated: 16.01.2021

To,

Principal,
Commerce, BHS Arts & TGP Science College,
Jamakhandi.

Sub: Regarding a special lecture program.

Respected Sir,

With respect to the above subject on the occasion of World Environment Day on dt: 12.01.2021 to give an online special lecture program on "**Agriculture Production of Indian Economy**" through Google Platform at 10.30 a.m to 11.30 a.m. Please give permission to Dr. D.S.Nittur, HOD of Economics of your college for smooth conduct of this program.

Thanking you.

Yours faithfully,


PRINCIPAL
S S N Arts & Commerce College
HUKKERI

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.**

Dist.

State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

**BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Botany
MoU activity with
Shri Prabhulingeshwar Sugar's and Chemical Limited, Siddapur Jamakhandi**

Sr. No	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
01	Exchange of information on research learning materials and other literature relevant to the educational and research program	-	01	17/03/2021	Jamakhandi



**HEAD OF THE
BOTANY DEPARTMENT**

**Coordinator
IQAC**
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph. 08353 - 223344

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sc. College
JAMKHANDI, Dist. Bagalkot.



Estd: 1910

ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಐ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಐ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಹಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date: 17-03-2021

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College, Jamakhandi

(Department of Botany)

And

Shri Prabhulingeshwar Sugar's & Chemicals Limited, Siddapur (Jamakhandi)

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College Jamakhandi, Department of Botany and Shri Prabhulingeshwar Sugar's & Chemicals Limited, Siddapur (Jamakhandi).

Wish to initiate collaboration 'To study recycling of sewage water & other disciplines'.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For, Shri Prabhulingeshwar Sugars & Chemicals Ltd

Prabhulingeshwar Sugars
Chairman & Managing Director

Head of the Department
HEAD OF THE
BOTANY DEPARTMENT

Principal

PRINCIPAL
Com. B.H.S Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

ACADEMIC INSTITUTE OF COMPUTER EDUCATION SOCIETY,
VIJAYAPURA, KARNATAKA, INDIA

&

B.L.D.E.A'S COMMERCE BHS ARTS AND TGP SCIENCE DEGREE COLLEGE,
JAMAKHANDI, KARNATAKA, INDIA

FOR

SKILL DEVELOPMENT FOR ASPIRING JOB SEEKING YOUTH, OUTCOME BASED
TRAININGS & PLACEMENT RELATED SERVICES


ACADEMIC INSTITUTE OF COMPUTER
EDUCATION SOCIETY,
gathan Building, Near Corporation Bank,
BIJAPUR-586101.


PRINCIPAL
Commerce B H S Arts & T.G.P
Science College, JAMKHANDI

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 12th day April 2021 by and between

B.L.D.E.A'S COMMERCE BHS ARTS & TGP SCIENCE DEGREE COLLEGE, JAMAKHANDI, KARNATAKA, INDIA, THE SECOND PARTY, and represented herein by its Principal, (hereinafter referred to as "**First Party**"), company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

ACADEMIC INSTITUTE OF COMPUTER EDUCATION SOCIETY, VIJAYAPURA, KARNATAKA, INDIA, THE FIRST PARTY represented herein by its President, Mr. Santhoshkumar Patil (hereinafter referred as '**Second Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

WHEREAS:

- A) Second Party is a Higher vocational Skill development institution named ACADEMIC INSTITUTE OF COMPUTER EDUCATION SOCIETY, VIJAYAPURA, KARNATAKA, INDIA
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities and ultimately serve the student community to be better prepared and explore suitable career opportunities within society.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

E) **B.L.D.E.A'S COMMERCE, BHS ARTS, AND TGP SCIENCE COLLEGE, JAMAKHANDI,**

ACADEMIC INSTITUTE OF COMPUTER EDUCATION SOCIETY,
Jathan Building, Near Corporation Bank,
BIJAPUR-586101.


PRINCIPAL
Commerce B H S Arts & T.G P
Science College, JAMKHANDI

- KARNATAKA, INDIA, the first Party is engaged in Educational Services.
- F) The First Party is part of and promoted by BLDE Association.
- G) At present the BLDE Association has honed and nurtured more 75 educational institutions ranging from High Schools to Professional Colleges which include Medical College under BLDE University, Engineering, Business Management, Fine Arts, Law, Education, Pharmacy etc. Today BLDE Association glows as one of the leading educational associations of Karnataka, conceived with a framework under the dynamic President and well known versatile visionary Shri M.B. Patil, Ex-Cabinet Minister, Govt. of Karnataka.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTHIN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

**CLAUSE 1
CO-PERATION**

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable coaching programs that are conducted by First Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU

ACADEMIC INSTITUTE OF COMPUTER
EDUCATION SOCIETY,
Ingathan Building, Near Corporation Bank
BIJAPUR-586101


PRINCIPAL
Commerce B H S Arts & T.G P
Science College, JAMKHANDI

shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between both would be of major benefit to the student community to enhance their skills and knowledge. The education societies imparting higher education strongly feel that one of their responsibilities is to organize skill development training for Graduate and under graduate students by the experts for their career development and bright future. Most of the students are from rural areas where there are limited sources of getting skilled and specific trainings. If these students are given in-depth skill training after understanding their talents, they can achieve bright goals.
- 2.2 **Curriculum Design:** First Party could give valuable inputs to the second Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully for any future trainings/programs.
- 2.3 **Research and Development:** Both Parties have agreed to carry out the joint research activities as per the Vision statement of the BLDE Association which is "EMPOWERING THE RURAL YOUTH FOR FACING THE CHALLENGES OF THE WORLD". Following are some tasks intended to be undertaken under the R&D Activity to ensure situation based trainings.
- a) To identify the factors influencing career development and asses students interest, abilities, preference and abilities, strength.
 - b) To locate resources for career information based on localized needs.
 - c) To facilitate resources to achieve their goals.
 - d) To give the knowledge and skills they need to make future carrier decisions.

01
ACADEMIC INSTITUTE OF COMPUTER
EDUCATION SOCIETY,
Magathan Building, Near Corporation Bazar,
BIJAPUR-586101


PRINCIPAL
Commerce B H S Arts. & T.G P
Science College, JAMKHANDI

2.4 Second Party Minimum Tasks: Shall conduct the following to further accelerate the achievements,

- a) Conduct career counseling program and explain about skill development program in the college premises.
- b) Selecting the students who are interested in skill training.
- c) After selection start the training at college premises only.
- d) Setup Labs as per requirements at college premises.
- e) While training provide the course materials and handbooks.
- f) After completion of the training provide the certificates and place interested students in respective places.

2.5 First Party Minimum Tasks: Shall conduct the following to support the effort in benefit of the student community,

- a. Make all required provisions to setup 3 rooms to setup Labs and 3 classrooms for conducting the training as per the requirement. Minimum 2000 sq feet area is expected which shall include an office room and a reception area.
- b. Depute a person to coordinate with AICE Society. This person shall act as a single point of contact and co-ordinate day to day activities if any.
- c. As both the parties share a common vision towards the student community it is expected that under this MoU First Party shall provide arrangements as mentioned in section 2.5 a towards second party without any or very minimal financial implications. Thus any facilities to run the trainings like training rooms, nominal electricity charges etc. are expected to be accommodated or agreed by second party accordingly.

2.6 Skill Development Programs: Second Party to train the passed out and final year students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready. This shall be majorly achieved by training as per guidelines set up by **chief minister koushalya karnataka yojane (CMKKY).**

2.7 Placement of Trained Students: Second Party will actively engage to help the delivery of the training and placement of students of the First Party into internships/jobs; and will facilitate placements for at least 70% of the students

as per CMKKY.

- 2.8 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmes on the terms specified herein

CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, manuals, training materials, presentations, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

- 4.1 This Agreement shall be valid for a duration of 11 months or until it is expressly terminated by either Party on mutually agreed terms. The First Party, as the case may be, will take effective steps for implementation of this MOU. Any termination of this Agreement shall only be conducted by way of communication, correspondence etc. Post 11 months this MOU stands null and void and shall not be construed as an extension of this MOU.
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations. (if any)

~~ACADEMIC INSTITUTE~~ OF COMPUTER
EDUCATION SOCIETY,
Mangalagiri Building, Near Corporation Bank,
BIJAPUR-586101


PRINCIPAL
Commerce B H S Arts & T.G P
Science College, JAMKHANDI

CLAUSE 5
RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by mutual consultation only and an amicable agreement shall be derived.

AGREED:

For,
AICE Society,
Vijayapura, Karnataka,
INDIA

For,
B.L.D.E.A's Commerce, BHS Arts
And TGP Science College,
Jamakhandi, Karnataka INDIA

~~ACADEMIC INSTITUTE OF COMPUTER~~
~~EDUCATION SOCIETY,~~
Authorized Signatory,
Magathan Building, Near Corporation Bank,
BIJAPUR-586101


Authorized Signatory
PRINCIPAL
Commerce B H S Arts. & T.G P
Science College, JAMKHANDI.

Witness 1: B. K. Galagali'


Witness 2: Pavi C Pyjari'

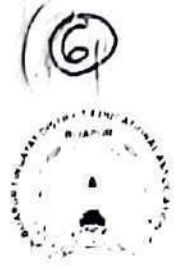

Witness 3:

Witness 4:



B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
Dt. Bagalkot **Jamkhandi.** State: Karnataka

(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)



Ph 08353-220003

Fax 08353-220183

email: bldeaikd@yahoo.in

Website www.bldeaikd.org

Department of Statistics

MoU activity with

Student and Faculty Exchange Program

Sr. No	Nature Activity	No.of. Students Participated	No.of. Faculty Participated	Date	Venue
01	Student Exchange Program	30	02	04-03-2020	Karnatak Arts College Dharwad
02	Faculty Exchange Resource person Dr. C.M. Math P.C Jabin Science college Hubali	30	03	11-12-2020	Department of Statistics
03	Faculty Exchange Resource person Dr. S.R.Gani Karnatak Arts College Dharwad	30	03	10-2-2020	Department of Statistics

Head of the Department

HEAD

Department of Statistics

Head of the Department/ (DIRECTOR)

Principal

Commerce B,H,S, Arts & T.G.P, Science
College, JAMKHANDI Dt. Bagalkot

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dt. Bagalkot **Jamkhandi.** State: Karnataka

(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)



Ph 08353-220003

Fax: 08353-220183

email: bldeaikd@yahoo.in

Website www.bldeaikd.org

Department of Statistics

MoU activity with

Elveety Industries PVT.LTD(Parle-G Company)

Sr. No	Nature Activity	No.of. Students Participated	No.of. Faculty Participated	Date	Venue
01	Industrial Visit	30	02	8-03-2020	Elveety Industries PVT.LTD Gokul Road Hubali
02	Industrial Visit	30	02	8-02-2019	Elveety Industries PVT.LTD Gokul Road Hubali

Head of the Department
HEAD
Department of Statistics

Head of the Department/ (DIRECTOR)

Principal

Commerce B.H.S. Arts & T.G.P. Science
College, JAMKHANDI Dt. Bagalkot



Department of Statistics

This MOU is entered into on 5th December 2020 by and between KLEs PC jabin College, Hubli and Department of Statistics, B.L.D.E.A's Commerce BHS, Arts and TGP Science College, Jamakhandi

The aforesaid institutions are hereinafter referred to individually as institute and collectively as institutes

OBJECTIVE:

This Memorandum of Undertaking (hereinafter referred to as the MOU) intends to set out the general principles of mutual cooperation in the field of teaching & Research, according to which the sides may jointly identify areas of mutual interest and carry out cooperative activities on the basis of reciprocity and mutual benefit. The specific objectives of the MOU are

1. To promote and enhance academic interest.
2. To provide quality education.
3. To promote research/continuing education activities.
4. To exchange services of expert faculties.
5. To organize joint conferences/seminars and symposia on matters of mutual interest.

AREA OF COLLABORATION:

1. A Continuing improvement programme to enhance quality of teaching staff.
2. Provide academic interaction by delivering special lecture on topics of relevance.
3. Provide necessary help in organizing workshops/Conferences /Seminars and personality Development programmes for enhancements of skills in respect of faculties, Staff and students of both the Colleges.

PROPOSED MODE OF COLLABORATION:

P.C.Jabin College Hubli and Department of Statistics B.L.D.E.A's Commerce BHS, Arts and TGP Science College Jamakhandi proposed to collaborate through the following:

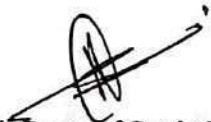
1. Cooperation and promotion of education and training in areas of mutual interest
2. Any other appropriate mode of interaction agreed between P.C.Jabin College Hubli & Department of Statistics B.L.D.E.A's Commerce BHS, Arts and TGP Science College Jamakhandi

CONFIDENTIALITY:

The Department of Statistics, P.C.Jabin College Hubli and Department of Statistics B.L.D.E.A's Commerce BHS, Arts and TGP Science College Jamakhandi, agreed to all information/data designated by the Institutes as being confidential which is obtained from either institutes or created during the performance of the MOU and will not disclose the same to any third party without written consent of other institutes.

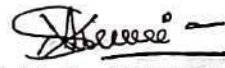
ENTRY INTO EFFECT AND TERMINATION:

1. This MOU will come into effect on the date of signature.
2. This MOU will remain in effect for an initial period of three (3) years and will be extended for successive periods of one (1) year, unless either side notifies the other side, in writing, of its intention to terminate this MOU at least three (3) months before the expiry date of the relevant period.



Head, Dept. of Statistics
P C Jabin Science College, Hubballi




Principal
P C Jabin Science College, Hubballi


Head, Dept. of Statistics
B.L.D.E.A's Degree College Jamakhandi




Principal
B.L.D.E.A's Degree College Jamakhandi

Office : 2372285
Principal : 2376943, (R) 2278195
Office Fax : 0836-2375379
E-mail : jabincollege@gmail.com
Website : http://www.jabincollege.com



K. L. E. SOCIETY'S
P. C. JABIN SCIENCE COLLEGE,
VIDYANAGAR, HUBBALLI-580031.

AUTONOMOUS COLLEGE

CPE - CONTINUATION PHASE-III

Re-Accredited by NAAC at 'A' Level with 3.43 CGPA

Ref. No. : _____
To,

Date : 12/01/2021

The Principal,
BLDE Association's
Com, BHS Arts & TGP Science College
Jamkhandi

Respected Sir,

Ref: Under MoU

Greetings from P. C. Jabin Science College, Hubballi. & Dept. of Statistics!

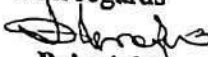
With reference to the above subject, Under faculty exchange Program, Dr. V S kulakrni Assistant Professor in Statistics , BLDE Association's Com, BHS Arts & TGP Science College Jamkhandi has visited our Dept. of Statistics and addressed B Sc Final year 35 students on "Project handling and Report writing" on 12-01-2021.

We organised interaction session with our faculty Shri. B VenkateswarRao and Miss. Shruit B Hiremath Dept. of Statistics of the College.

Further we need same cooperation in future.

Thank you,

Date: 12-01-2021

With regards

Principal





Estd: 1910

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ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಐ. ಎಲ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಪಿ. ಐ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ದಾನ್ ಪದ್ಧತಿಯ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353 220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date: 05/03/2021

Department of Mathematics, BLDEA's Commerce, BHS ARTS & TGP Science College,
Jamkhandi MOU Activity with Mathematical Science Institute Belagavi.

SL.NO.	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
1	Special lecture On Research Methodology Under MOU	7	4	5 th and 6 th March 2021	PG Conference Hall



H. O. D.

Department of Mathematics

Com. BHS, Arts & TGP Sc College
JAMKHANDI - 587 302

Coordinator
IQAC

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph: 08353 - 223344

PRINCIPAL'S

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,

JAMKHANDI-587301.



सत्यमेव जयते

INDIA NON JUDICIAL

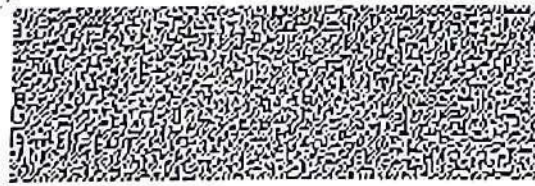
Government of Karnataka

e-Stamp

Certificate No. : IN-KA21587566060888T
Certificate Issued Date : 18-Jan-2021 11:53 AM
Account Reference : NONACC (FI)/ kaksfcl08/ JAMAKHANDI6/ KA-BG
Unique Doc. Reference : SUBIN-KAKAKSFCL0827117054646990T
Purchased by : BLDE A S COLLEGE JAMAKHANDI
Description of Document : Article 12 Bond
Description : MEMORANDUM OF UNDERSTANDING
Consideration Price (Rs.) : 0
(Zero)
First Party : BLDE A S COLLEGE JAMAKHANDI
Second Party : MATHEMATICAL SCIENCES INSTITUTE BELAGAVI
Stamp Duty Paid By : BLDE A S COLLEGE JAMAKHANDI
Stamp Duty Amount(Rs.) : 20
(Twenty only)

For, Sri Arthent Credit Soudard Sahakari
Ltd., Bargaon. ER. JAMKHANDI.

Authorised Sign.



Please sign and type below this line

**MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION**

Between

DEPARTMENT OF MATHEMATICS

BLDE Associations

Commerce, BHS Arts and TGP Science College, Jamkhandi – 587 301

&


MATHEMATICAL SCIENCES INSTITUTE, BELAGAVI -590 006


AGREED


For
 Name of the Institution
 Department of Mathematics
 BLDE Associations Commerce, BHS Arts
 and TGP Science College
 Jamkhandi - 587 301

For
 Name of the Institution
 Mathematical Sciences Institute
 Belagavi -590 006


Name of the Institution	Name of the Institution
Department of Mathematics BLDE Associations Commerce, BHS Arts and TGP Science College, Jamkhandi - 587 301	Mathematical Sciences Institute Belagavi -590 006
Mobile No.: +91 8050679300	Mobile No.: +91 9480743230
Tel. No.: +918353-220183	Tel. No.: 08312480373
Email: bldejkd@yahoo.in	Email: tmathvenky@yahoo.co.in
Website: http://www.bldejkd.ac.in	Website: http://www.msibgm.org/

Witness 1: 
 Prof. P.S. Anemath
 Dept of Chemistry.


Witness 1:


Witness 2: 
 Dr. P. D. Pol
 Dept of Chemistry

Witness 2:



 H. O. D.
 Department of Mathematics
 Com. BHS, Arts & TGP, Sc. College
 JAMKHANDI - 587 302


 DIRECTOR
 MATHEMATICAL SCIENCES INSTITUTE
 BELAGAVI


 PRINCIPAL
 Com. B.H.S. Arts & T.G.P. Sc. College
 JAMKHANDI, Dist. Bagalkot



MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

SHREE JAGADAMBA FIRST GRADE ARTS AND SCIENCE
COLLEGE, HITTINAHALLP LT Tq : SINDAGP Dist :VIJAYAPUR

PIN-586215

ON

“PARAMARSH”

UGC Scheme for Mentoring NAAC Accreditation Aspirant
Institutions to promote Quality Assurance in Higher
Education



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 19/09/2019 between Commerce, B.H.S. Arts & T.G.P. Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST: BAGALKOT PIN-587301, KARNATAKA which expression shall include authorized representative of First Party,

SHREE JAGADAMBA FIRST GRADE ARTS AND SCIENCE COLLEGE, HITTINAHALLP LT Tq : SINDAGP Dist : VIJAYAPUR herein after referred to as Mentee Institute and represented by its Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "*Hub & Spoke*" (H&S Model) where in the Mentor Institution, called the "*hub*" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "*spoke*" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.



B.L.D.E.A's
**Commerce, BHS Arts &
TGP Science College, Jamkhandi.**



NAAC III Cycle Accreditation 'A' Grade CGPA 3.32
UGC Paramarsh Mentor College

UNDER UGC PARAMARSH SCHEME

AN IQAC INITIATIVE

DEPARTMENT OF ZOOLOGY, BOTANY & BIOTECHNOLOGY

IN COLLABORATION WITH

SHRI JAGADAMBA ARTS & SCIENCE FIRST GRADE COLLEGE, HITTINAHALLI

ORGANIZES NATIONAL WEBINAR ON

“ Dermatoglyphics as a Diagnostic and Research Tool in Human Genetics”



RESOURCE PERSON

Dr. Sreenivasa. G

Assistant Professor, Department of Studies in Zoology,
Davangere University, Jnanagangotri Campus,
Chitradurga (Dist), Karnataka.

INAUGURATOR

PROF.S.H. LAGALI

ADMINISTRATIVE OFFICER, BLDEA's COLLEGE, JAMKHANDI

PRESIDENT

PROF.B.I. KARALATTI

PRINCIPAL, BLDEA's COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE,
JAMKHANDI

PRESENCE

PROF. A.S. PATIL

PRINCIPAL, SHRI. JAGADAMBA ARTS & SCIENCE FIRST GRADE COLLEGE,
HITTINAHALLI

PROF. M.C. KARABHARI
NAAC, COORDINATOR

PROF.S.B. KAMATI
IQAC, COORDINATOR

Mr. DHARMA GURU PRASAD MP
HOD OF ZOOLOGY &
ORGANIZING SECRETARY

Dr. N.M.ROLLI
HOD OF BOTANY
& BIOTECHNOLOGY
CO-ORGANIZING SECRETARY

CONVENERS
Mrs. JABEENA A LADKHAN
Mr. VIDYANAND KATTIMANI

MEMBERS
Miss.JAYEEDABI R KHANBHOGI
Miss. CHETANA B SUTAR
Mrs. SOUMYA S TUNGAL

TIME: 10:30 AM

DATE: 16/07/2021

Google Meet Link: <https://meet.google.com/fbx-bxzm-mwv>

Registration Link: <https://forms.gle/HoTq2DPQshMxTTV38>

Join our WhatsApp Group: <https://chat.whatsapp.com/JSK2pnekhOkJpaOVddvQsq>

General:

JSS STC Arts & Commerce College, PG Department of Commerce & Commerce B.H.S Arts and T.G.P Science College, PG Department of Commerce, Jamkhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective Institution, the program co-ordinator may explore the development of funding to carry out this collaboration.

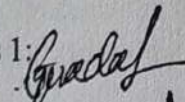
All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations are both Institutions.

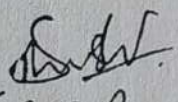
AGREED

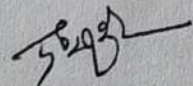
For
Name of the Institution
JSS STC Arts & Commerce College,
Banahatti -587311


For
Name of the Institution
BLDEA'S
Commerce B.H.S Arts and T.G.P
Science College, PG Department
of Commerce, Jamkhandi
587301

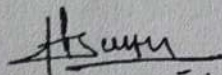
Name of the Institution	Name of the Institution
JSS STC Arts & Commerce College, PG Department of Commerce, Banahatti - 587311	Commerce B.H.S Arts and T.G.P Science College, PG Department of Political Science, Jamkhandi-587301
Mobile: 9901503764	Mobile: 9663439391
E-Mail: stccommdept@gmail.com	E-Mail: bldeapgkd@gmail.com
Web Site: www.stccollegebanahatti.org	Web Site: www.bldeajkd.ac.in

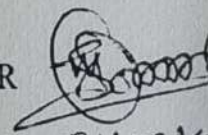
Witness 1: 
(G.D. Desai)

Witness:1 
[S.B. Ramoshi]

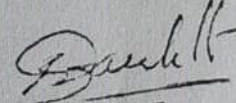
Witness 2: 
(C.V.B. Kulkarni)

Witness:2 
[A.G. Giraddi]


CO-ORDINATER

CO-ORDINATER 
P.M.S. Ke


PRINCIPAL
STC Arts & Commerce College
BANHATTI-587311


PRINCIPAL
PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagaikoj

2

Whereas the above named Institutions recognize that academic collaboration would be of mutual benefit and would provide strength in Research and Education and their mutual interest in engaging themselves in academic cooperation with **JSS STC Arts & Commerce College, Banahatti** and **BLDEA'S Commerce, B.H.S Arts and T.G.P Science College, Post Graduate Department of commerce, Jamkhandi-587301** is agreed that:

Both Institutions are united by common interest and objectives, and they shall establish channels of communication and cooperation that will promote and advance their respective operations within the Institution and its related wings. The parties shall keep Each Other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another

Faculty:

Both Institutions will promote the **exchange of faculty** for teaching

Research:

Both institutions will collaborative **research activities**.

Guest lecturer: Both Institutions will extend the necessary support to deliver **Guest Lecture** to the students on the technology trends and in house requirements.

Term:

This Memorandum of agreement will become effective on the final date of signing and will have duration of five years

This memorandum of agreement may be terminated by either Institution by providing 180 days written notice to the Co-ordinator listed below.

There is no financial commitment between both institutions.

Designations of coordinators:

Each party designates the following official to serve as a Co-ordinators under this Memorandum of agreement. Individuals designated as Co-ordinators may be revised by either party by providing written notice to the current Co-ordinators.

Prof.Geeta Sajjan
Co-ordinators
PG Department of commerce
JSS STC Arts & Commerce College
Banahatti-58311
Mobile: 9901503764

Prof.M.S.Konnur
Co-ordinators
PG Department of Commerce,
Commerce, B.H.S Arts &
T.G.P Science College, Jamkhandi
Mobile: 9663439391

Continued...

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. **Jamkhandi.** State: Karnataka



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph..08353-220003

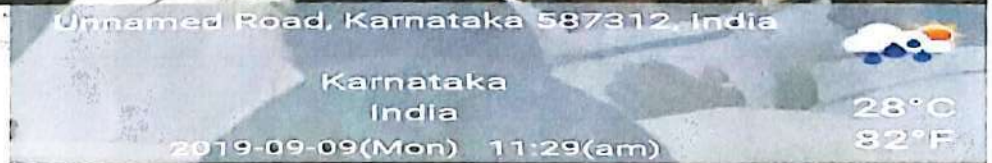
Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Rohini Biotechnology (Mahalingpura)

SL. No	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
01	Exchange of information on research learning materials and other literature relevant to the educational and research program	120	03	11-08-2020	Mahalingpura



**HEAD OF THE
BOTANY DEPARTMENT**

**Coordinator
IQAC**
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223344

PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI Dist Raichur

Estd. 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಟಿ. ಬಿಲ್ಯಾನ ಮಹಾಬಿದ್ಯಾಲಯ,

ಬಿ. ಜಾಂಕಂಡಿ

ಜಮಖಂಡಿ-587 301

ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: 4918353 220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website: www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date 11-08-2020

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, BHS Arts & TGP Science College, Jamkhandi

(Bio Science)

And

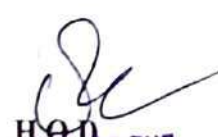
Rohini Biotechnology Mahalingapur

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi, Department of Bioscience and Rohini Biotechnology wish to initiate collaboration in research and other disciplines.

The main objective is to foster collaboration, exchange of information on research learning materials and other literature relevant to the educational & research programmes.

For M/s. ROHINI BIOTECH


Proprietor
Rohini Biotechnology


H.O.D.
HEAD OF THE
BOTANY DEPARTMENT


Principal
Prin. B.L.D.E.A's
Com. B.H.S. Arts & T.G.P. Science College
JAMKHANDI, Dist. Bagalkot



सत्यमेव जयते

INDIA NON JUDICIAL

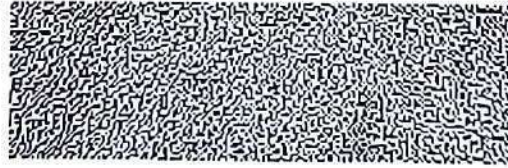
Government of Karnataka

e-Stamp

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Description of Document : Article 12 Bond
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Stamp Duty Paid By : KANNADA VIBHAG BLDE COLLEGE JAMKHANDI
Stamp Duty Amount(Rs.) : 20
(Twenty only)

For, Shri Arihant Credit Southard Sahakar
Ltd., Borgaon. BR. JAMKHANDI.

Authorised Sign.



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MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION

Between

DEPARTMENT OF KANNADA

BLDEA's Commerce, BHS Arts and TGP Science College
Jamkhandi-587301

And

KANNADA SANGHA (RI), JAMKHANDI-587301

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Kannada Sangha(ri) Jamkhandi - 587301 Karnataka and BLDEA's Commerce, BHS Arts and TGP Science College, Jamkhandi - 587301 is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the exchange of faculty for teaching.

Guest Lectures: Both institutions will extend the necessary support to deliver Guest Lecturers to the students on the technology trends and in house requirements.

Terms:

This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This Memorandum of Agreement may be terminated by either institution by providing 180 days written notice to the Co-ordinators listed below.

There is no financial commitment between both the institutions.

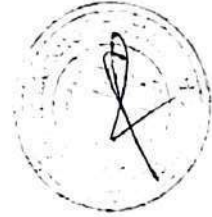
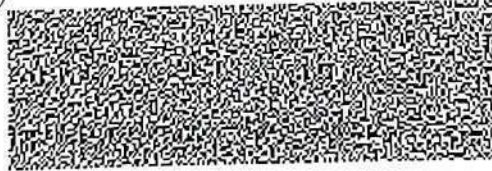
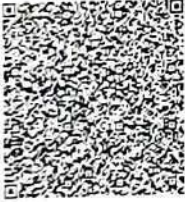


INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

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Unique Doc. Reference : SUBIN-KAKACRSFL0894176477861011S
Purchased by : PRINCIPAL COMM BHS ARTS AND TGP SCI COLLEGE JKD
Description of Document : Article 12 Bond
Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : PRINCIPAL COMM BHS ARTS AND TGP SCI COLLEGE JKD
Second Party : PRINCIPAL S B ARTS AND KCP SCI COLLEGE VIJAYAPUR
Stamp Duty Paid By : PRINCIPAL COMM BHS ARTS AND TGP SCI COLLEGE JKD
Stamp Duty Amount(Rs.) : 20
(Twenty only)



MEMORENDUM OF UNDERSTANDING

ACADEMIC COLLABORATION

Between

DEPARTMENT OF CHEMISTRY

BLDEA's

Commerce, BHS Arts and TGP Science College Jamakhandi-587301

And

DEPARTMENT OF CHEMISTRY

BLDEA's

Statutory e-stamp

The e-stamp is valid only if the QR code is scanned and the stamp is verified on the Government of Karnataka e-stamp portal.

S. B. ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR - 586103

For more information, please visit the Government of Karnataka e-stamp portal.

Department of Chemistry

The MOU is entered into on 23rd December 2020 between Department of Chemistry, BLDEA's Commerce, B.H.S. Arts and T.G.P. Science College Jamkhandi and Department of Chemistry, S.B. Arts & K.C.P. Science College Vijayapur.

The aforesaid institutions are herein after referred to individually as institute and collectively as institutes.

OBJECTIVES:

The Memorandum of Understanding (herein after referred to as MOU) intends to set out the general principles of mutual cooperation in the field of teaching and research, according to the either side may jointly identify areas of mutual interest and carry out cooperative activities on the basis of reciprocity and mutual benefits. The specific objectives of the MOU are

1. To promote and enhance academic interest.
2. To provide quality education.
3. To promote research/continues educational activities.
4. To exchange service of expert faculties.
5. To organise joint conference/seminars and symposia on matters of mutual interest.

AREA OF COLLABRATION:

1. A Continues improvement programme to enhance quality of teaching staff.
2. Provide academic interaction by delivering special lecture on topics of relevance.
3. Provide necessary help in organizing workshops/Conferences 'Seminars and Personality Development programmes for enhancement of skills in respect of faculties, staff and students of both the Colleges.

PROPOSED MODE OF COLLABORATION:

Department of Chemistry, BLDEA's Commerce B.H.S. Arts and T.G.P. Science College Jamkhandi and Department of Chemistry, S.B. Arts & K.C.P. Science College, Vijayapur proposed to collaborate the following:

1. Cooperation and promotion of education and training in areas of mutual interest
2. Any other appropriate mode of interaction agreed between Department of Chemistry, BLDEA's Commerce B.H.S. Arts and T.G.P. Science College Jamkhandi and Department of Chemistry, S. B. Arts & K.C.P. Science college Vijayapur


CONFIDENTIALITY:


The Department of Chemistry, BLDEA's Commerce B.H.S. Arts and T.G.P. Science College Jamkhandi and Department of chemistry, S.B. Arts & K.C.P. Science college Vijayapur, agreed to all information/data designated by the Institutes as being confidential which is obtained from either institutes or created during the performance of the MOU and will not disclose the same to any third party without written consent of either institutes.


ENTRY INTO EFFECT AND TERMINATION:

1. This MOU will come into effect on the date of signature.
2. This MOU will remain in effect for an initial period of three (3) years and will be extended for successive periods of one (1) year, unless either side notifies in writing, of its intention to terminate this MOU at least three (3) months before the expiry date of the relevant period.

Witness 1: 

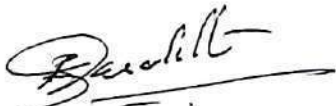
Witness 1: 

Witness 2: 

Witness 2: 


Head, Dept. of Chemistry
HEAD

B.L.D.E.A's Degree College Jamkhandi
JAMKHANDI


Principal

B.L.D.E.A's Degree College Jamkhandi
PRINCIPAL
Com. B.H.S. Arts & T.C.P. Sci. College
JAMKHANDI, Dist. Bagalkot



Head
Dept. of Chemistry
SB Arts & KCP Sc. College.
Vijayapur.

Head, Dept. of Chemistry

S.B. Arts & K.C.P Science college Vijayapur


Principal

PRINCIPAL
S.B. ARTS & K.C.P. SCIENCE COLLEGE,
VIJAYAPUR.



सत्यमेव जयते

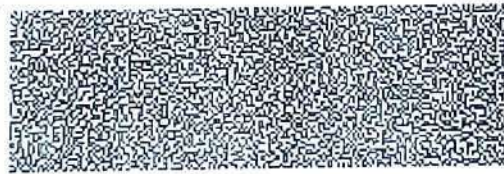
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Government of Karnataka

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 Description of Document : Article 12 Bond
 Description : MOMORANDUM OF UNDERSTANDING
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : L E SOCIETYS SMT KMAC COLLEGE BEDKIHAL
 Second Party : B L D E A S COLLEGE JAMAKHANDI
 Stamp Duty Paid By : L E SOCIETYS SMT KMAC COLLEGE BEDKIHAL
 Stamp Duty Amount(Rs.) : 20
 (Twenty only)

ISSUED BY
 Prathamik Krushi Pattin Sahakari Sangh
 Bedkihal, Bedkihal
 Authorised Signatory



**MEMORANDUM OF UNDERSTANDING
 ACADEMIC COLLABORATION**

Between
IQAC
 Latthe Education Society's
 Smt. Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shamanewadi
 &
IQAC
 BLDEA's
 Commerce, BHS Arts and TGP Science College, Jamakhandi – 587301

Stamp Duty Alert

Prathamik Krushi Pattin Sahakari Sangh, Bedkihal, Bedkihal, Karnataka, India. For more information, please visit the website of the Government of Karnataka, Department of Revenue, Bangalore. For more information, please visit the website of the Government of Karnataka, Department of Revenue, Bangalore. For more information, please visit the website of the Government of Karnataka, Department of Revenue, Bangalore.

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Smt. Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shamanewadi-591214 Karnataka and BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi – 587301 is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the exchange of faculty for teaching.

Research:

Both institutions will collaborative research activities.

Guest Lectures: Both institutions will extend the necessary support to deliver Guest Lecturers to the students on the technology trends and in house requirements.

Term:

This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This Memorandum of Agreement may be terminated by either institution by providing 180 days written notice to the Co-coordinators listed below.

There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following official to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

Prof. Mahadev Mokashi
Coordinator, IQAC
Smt. Kusumavati Miraji Arts and Commerce College,
Arts & Shantinagar Bedkihal Shamanewadi-591214
Mob No: 7975024151

Prof. S.B. Kamati
Coordinator, IQAC
BLDEA's Commerce, BHS
TGP Science College,
Jamakhandi Mob: 9980200298

General

Smt. Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shamanewadi and the Commerce, BHS Arts and TGP Science College, Jamakhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the programme coordinators may explore the developments of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.


AGREED

For
Name of the Institution
Latthe Education Society's
Smt. Kusumavati Miraji of Arts
& Commerce College
Shamanewadi Bedkihal - 591214

For
Name of the Institution
BLDEA'S
Commerce, BHS Arts and TGP
Science College,
Jamakhandi - 587301

Name of the Institution	Name of the Institution
Smt. Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shamanewadi-591214	BLDEA'S Commerce, BHS Arts and TGP Science College, Jamakhandi- 587301
Mobile No: 7975024151	Mobile No:
E-Mail: principalkmacbdk@gmail.com	E-Mail: bldeajkd@yahoo.in
Web Site: www.kmacbdk.co.in	Web Site: www.bldeajkd.ac.in

Witness 1:



(V.S. Madga)

Asst. Prof. Economics

Witness 1:


(R.C. Sheth)

Witness 2:


Rajkumara Chitragal
Asst. Prof.
Department of Commerce

Witness 2:


M.C. Sanganav


PRINCIPAL
Latthe Education Society's
Smt. Kusumavati Mirji
Arts & Commerce College
Shantinagar, Bedkihal-Shamanewadi - 591


PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College.
JAMKHANDI, Dist. Bagalkot

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Smt. Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shumanewadi-591214 Karnataka and BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi - 587301 is agreed that

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the exchange of faculty for teaching.

Research:

Both institutions will collaborative research activities.

Guest Lectures: Both institutions will extend the necessary support to deliver *Guest Lecturers* to the students on the technology trends and in house requirements.

Term:

This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This Memorandum of Agreement may be terminated by either institution by providing 180 days written notice to the Co-coordinators listed below.

There is no financial commitment between both the institutions.

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Prof. Mahadev Mokashi
Coordinator, IQAC
Smt. Kusumavati Miraji Arts and Commerce College,
Arts & Shantinagar Bedkihal Shumanewadi-591214
Mob No:7975024151

Prof.S.B.Kamati
Coordinator, IQAC
BLDEA's Commerce, BHS
TGP Science College,
Jamakhandi Mob: 9980200298

General

Smt. Kusumavati Miraji Arts and Commerce College, Shantinagar Bedkihal Shumanewadi and the Commerce, BHS Arts and TGP Science College, Jamakhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the programme coordinators may explore the developments of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. **Jamkhandi.** State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Dempo dairy (Asangi)

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Training related to dairy and its by products and other disciplines	116	03	03-03-2020	Asangi



HEAD OF THE
BOTANY DEPARTMENT

Coordinator
IQAC
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi,
Dist. Jamkhandi, Karnataka

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sc. College
JAMKHANDI Dist. Jamkhandi

Estd: 1963

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಪಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,

ಜಿ. ಬಾಗಲಕೋಟೆ

ಜಮಖಂಡಿ-587 301

ಕರ್ನಾಟಕ ರಾಜ್ಯ

B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: +918353-220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website: www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date: 01-06-2020

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi

(Department of Bio Science)

And

Dempo-Dairy (Asangi)


B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi, Department of Bioscience and Dempo-Dairy (Asangi) wish to initiate collaboration in training related to dairy & its by-products and other disciplines.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For Dempo Dairy Industries Ltd


Managing Director
Dempo-Dairy


HEAD OF THE
BOTANY DEPARTMENT


Principal
PRINCIPAL
COM. B.H.S. ARTS & T.G.P. SCIENCE COLLEGE
JAMKHANDI-587 301

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. Bagalkot **Jamkhandi.** State: Karnataka

(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)



Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website : www.bldeajkd.ac.in

Ref.:

Date: 28-02-2020

To,
Managing Director,
Dempodairy Industry Limited, Asangi.
Tq-Rabakavi Banahatti, Dist-Bagalkot

Sub-Permission to visit Dempodairy Industry.


Sir,

With reference to the above subject here with we are visiting to your well established Dempodairy Plant. It is a part of curriculum for B.Sc VI Sem students. So, kindly provide permission on 03/03/2020. Please consider & oblige.

Number of staff: 03

Number of student : 116

Thank you.


Principal

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College,
JAMKHANDI, Dist. Bagalkot.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 2.58 on seven point scale at 'B' Grade)

☎ 08356220329 / 222175
FAX 08356220329 / 221121

* email princmgvc@gmail.com *

Ref No

Date 16.01.2020

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC COOPRATIONS
BETWEEN**

**M.G.V.C. ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL DIST BIJAPUR
(DEPT OF BOTANY)**

AND

**BLDEA's ARTS, COMMERCE AND SCIENCE DEGREE COLLEGE JAMKHANDI
(DEPT OF BOTANY)**

M.G.V.C.Arts,Commerce and Science College Muddebihal (Prof: S.V.Gurumath Associate Professor Department of Botany) and BLDEA's Arts,Commerce and Science College Jamkhandi (Dr. N.M.Rolli Associate Professor Department of Botany) wish to initiate collaboration in research and in other disciplines.

The main objective is to foster collaboration, exchange of information on research learning materials and other literature relevant to the educational and research programmes.

Prof: S.V.Gurumath

Associate Professor

Department of Botany

Dr. N.M.Rolli

Associate Professor

Department of Botany

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot

PRINCIPAL,

**M. G. V. C. Arts, Com. & Science College
MUDDEBIHAL - 586212,**



Estd:1910

ಬಿ. ಲಾಂಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಐ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ರಾಜ್ ಬನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.: /2020-21

Date:

Department of Commerce

MOU activity with

Deshapande Educational Trust, Hubli

Sl. No.	Nature of Activity	No. of Students Participated	No. of Faculties Participated	Date	Venue
01	Placement Orientation and Career Guidance	200	10	23-08-2021	BLDEA's Commerce, BHS Arts and TGP Science College, Jamkhandi



Convener
NAAC Criterion - III
Research, Innovations & Extension
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, JAMKHANDI

Coordinator
IQAC
B.L.D.E.Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph: 08353 - 223344

PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



UBER COLLEGE
MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ('MOU') is made at Hubli, Karnataka, India on this 16th day of October 2020 by and between:

Deshpande Educational Trust, a charitable trust incorporated under the Indian Trusts Act 1882, and having its principal office at Airport Road, Hubballi, Karnataka 580030 India, (hereinafter "Deshpande Skilling") duly represented by its Chief Operating Officer, Mr. P.N. Nayak which expression shall, unless it be repugnant to the meaning or context thereof be deemed to mean and include its successors and assigns

AND

"BLDEA's Commerce, BHS Arts & TGP Science College ,Jamkhandi" having its presence in District Bagalkot, Pin code - 587301 offering technical diploma / under graduation courses for B.Com, BA, B.Sc., B.Ed., BBA, Diploma represented by its Prof. B I Karalatti (hereinafter referred to as "Partner College", which expression shall, unless repugnant to the meaning or context thereof, be deemed to mean and include its successors and permitted assigns)

AND

DESHPANDE SKILLING and The PARTNER COLLEGE are hereinafter collectively referred to as 'Parties' and individually as a 'Party'.

WHEREAS:

1. DESHPANDE SKILLING a "not for profit" trust, an impact unit of **Deshpande Foundation, India**, and a training partner of **National Skill Development corporation (NSDC)**, involved in the activity of conducting residential employability skills training programs for graduates of rural and semi urban colleges at its skilling campus in Hubballi, and providing placement assistance to its students. Deshpande Skilling is desirous to bring about rural transformation by building employability skills among graduate youth from rural and semi-urban colleges and assist them earn their first employment in the formal sector. Deshpande Skilling wishes to admit job seeking students who pass out of college, but have failed to acquire the required skills to earn employment to its skilling program.

Office 1- Next to Infosys, New Airport road, Gokul Road , Hubballi 580030.

Office 2 - DCSE Building • BVBCET Campus, Vidyanagar, Hubballi 580031, Phone: 2378500

2. DESHPANDE SKILLING collects a fee from the students enrolling for the residential skilling program with the objective of ensuring ownership of the student in the exercise. The quantum of fees forms only part of the cost of the activity. DESHPANDE SKILLING neither earns nor is desirous of any profit from the activity of skilling.
3. The PARTNER COLLEGE is desirous to see more of its students succeed to earn their employment in reputed organizations and also enhance its own placement record.
4. The two parties, DESHPANDE SKILLING and The PARTNER COLLEGE seek to partner with each other, to achieve the common goal of skilling graduate pass outs, and thereby succeed in starting their working career.
5. The principal and staff of the PARTNER COLLEGE will identify and recommend to DESHPANDE SKILLING names of final year students of the college who are inclined to join a job after graduating but are lacking in skills critical to earn their placement.
6. The principal and staff of the PARTNER COLLEGE will also identify deserving students who are financially challenged for concession in fees, and recommend same to DESHPANDE SKILLING.
7. DESHPANDE SKILLING will select students from the list recommended by the PARTNER COLLEGE and offers to admit, train and provide placement assistance to students who join the various programs.
8. DESHPANDE SKILLING offers skill training and placement assistance to students of many colleges and will form training cohorts of students from multiple colleges. Students of the PARTNER COLLEGE will be provided with common facilities and training services as all other students in training.
9. DESHPANDE FOUNDATION will offer concessional fee structure to the financially challenged students as per recommendation of the PARTNER COLLEGE principal. The total concession amount available to the students of the PARTNER COLLEGE will depend on the number of admissions, and will be mutually decided by the two parties.
10. The Parties recognize the capabilities and resources that each party brings, and agrees to use their best efforts to bring together those capabilities and resources to collaborate for the purpose of supporting skill-based training with DESHPANDE SKILLING. The PARTNER COLLEGE will support by identifying and counselling job seeking students to take benefit best from the skilling program. DESHPANDE FOUNDATION will support by skilling and placing students of the PARTNER COLLEGE and enhance its placement rate.

11. DESHPANDE SKILLING will work with the PARTNER COLLEGE to build a mindset of preparing early to earn a placement and start career among select students of the partner college. The 2 parties will agree on an annual activity calendar that could include group counselling and Q&A session, interaction with Alumni of the college who have been successful, remote classes for students, and any other activities that could give students awareness and exposure.
12. DESHPANDE FOUNDATION will also extend invitation to staff of the PARTNER COLLEGE to attend trainings and workshops that it will conduct on Skills Development for employability and other such areas that can contribute to enhancing placement record of the PARTNER COLLEGE.

The Parties are therefore entering into this MOU to record the terms and conditions of this collaboration. **DESHPANDE SKILLING** and **THE PARTNER COLLEGE** have agreed to enter into this MOU to record their present state of agreement in principle in respect of the **UBER College Partnership Program**.

NOW IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

This collaboration between DESHPANDE SKILLING and THE PARTNER COLLEGE will be to impart skill training and provide placement assistance to select students of "THE PARTNER COLLEGE" to be able earn their first employment. The objective of this partnership is to facilitate rural transformation by getting rural youth into productive employment, and to enhance the placement record of the partner college.

Roles & Responsibilities of PARTNER COLLEGE:

1. Party would enter in MOU for the DESHPANDE SKILLING's "**UBER College Partnership Program**" for Skill development Training for interested students of The PARTNER COLLEGE.
2. PARTNER COLLEGE will support the program by recommending about 30 most suitable students of the college each year for the residential skilling program for graduate students conducted by DESHPANDE SKILLING at its Skilling campus.
3. PARTNER COLLEGE will recommend students from BA / B.Com/B.Sc. / BBA / BCA / B.Ed. / Technical Diploma / ITI streams only.
4. PARTNER COLLEGE will apply adequate justification for recommendation of each student for admission. The recommendation will be an informed decision that the student would benefit from the skilling program and the student and his/her family has a high "need for job".

5. PARTNER COLLEGE will avoid recommending candidates who already possess good employability skills, or candidates who are extremely low on employability skills or candidates who are not keen to start their working career immediately.
6. PARTNER COLLEGE will permit and facilitate representatives of DESHPANDE FOUNDATION to interact with the recommended students and their parents at the college for counselling before admission to the program.
7. The PARTNER COLLEGE will not have objection to DESHPANDE SKILLING collecting a part of the cost of skilling each student, in the form of fellowship fees from the students.
8. The PARTNER COLLEGE will identify and recommend reduction fellowship fees for selected candidates from the list of recommended candidates based on family of the specific candidate. The maximum recommendation for reduction in fellowship fees for any candidate will not exceed 50 % of the fees. The cumulative discount amount recommended by the Partner colleges for the year will not exceed the limit mutually agreed between DESHPANDE SKILLING and the PARTNER COLLEGE.
9. The PARTNER COLLEGE will permit DESHPANDE SKILLING to list the PARTNER COLLEGE as its partner on its Web Site and other communication channels.

Roles & Responsibilities of DESHPANDE SKILLING:

1. DESHPANDE SKILLING will enter into MOU with the PARTNER COLLEGE and work closely with the college to develop student mindset for "preparing for placement" early and to enhance placement record of the Partner College by skilling select students at its residential skilling center and provide them placement assistance to earn their job offer.
2. DESHPANDE SKILLING will develop a calendar of interactions with select students of the partner college to develop awareness of job roles, competencies for job roles and a mindset for preparing for job roles right from their first year in college.
3. DESHPANDE SKILLING will counsel students recommended by the college and assess their trainability and need for job before admitting the students for the residential skilling program.
4. DESHPANDE SKILLING will provide the skill training to students of the partner college at its residential skilling facility as per academic plan of the specific program into which they are admitted.

5. DESHPANDE SKILLING will offer placement assistance to students of the Partner College admitted to its skilling program. Every student will be provided with multiple opportunities for placement process of different companies.
6. DESHPANDE SKILLING will with employer organizations to understand current and future skill requirements of employers and also to invite employers to provide opportunity to fellows of the skilling program for openings in their organizations.
7. THE PARTNER COLLEGE will be branded in DESHPANDE SKILLING's program website and other relevant platforms which are viewed by community of employers.
8. DESHPANDE SKILLING will provide updates about the progress of students of the partner college to the placement officer and principal of the partner college. The partner college will also be updated about the job offers received by its students.
9. DESHPANDE SKILLING retains its right to charge the students skill trainings.
10. DESHPANDE SKILLING will communicate that the partner college can extend to its financially challenged students during the first week of January each year.
11. DESHPANDE SKILLING will provide training completion certificates to all such students who have successfully completed the training. The certificate will bear the logo of NSDC and DESHPANDE SKILLING.
12. DESHPANDE SKILLING will provide placement assistance to students of the program thru its in-house Placement Assistance Cell or its placement partners.

Training Details:

S.No.	Program Name	Industry Sector	Eligibility Qualification	Duration (weeks)
1	Deshpande Koutilya Fellowship Program	BFSI	B.Com, BBA,BBM	16 to 20
2	Deshpande Susandhi Fellowship Program	IT/ITES	BA,B,Sc; B.Com,BBA,BBM	12 to 16
3	Deshpande Akanksha Fellowship Program	Teacher	B.Ed. D.Ed.	12 to 16
4	Deshpande IT Program	Hardware & Networking	Diploma CS, ITI CS; BCA; BCM	12 to 16
5	Deshpande Susandhi Electrician Program	Electrical Maintenance	Diploma E&E / E&C ; ITI electrician	8 to 12
6	Deshpande CNC Pro	Manufacturing	Diploma Mech ; ITI Mech	8 to 12

Joint contributions:

1. DESHPANDE SKILLING and "BLDE'S Commerce, BHS Arts & TGP Science College, Jamkhandi" shall collaborate in order to identify training at various places for participation in the programs conducted under this partnership.

Notices

Any notice, or other communication under this MoU shall be in writing and shall be deemed to have been effectively served if sent by personal delivery or courier or by registered prepaid mail and addressed to the Parties at their respective addresses set forth hereinbefore (or at such other address as a Party may specify by notice to the other).

Miscellaneous

Entire Agreement: The Parties have read and understood this MoU, along any document referred to in this MoU and annexure constitute the complete and exclusive statement of MoU between them with respect to the subject matter hereof and supersedes all proposals, representations, understandings, including any prior agreement whether oral or written and all other communications between them relating thereto.

Heading: The headings of terms and conditions herein contained are inserted for convenience of reference only and are not intended to be a part of or to affect the meaning or interpretation of any of the terms and conditions of this MoU.

Severability: In the event that any of these terms, conditions or provisions shall be determined invalid, unlawful or unenforceable, to such an extent, such terms, conditions or provisions shall be severed from the remaining terms, conditions and provisions and such remaining terms, conditions and provisions shall continue to be valid to the fullest extent permitted by law, provided however if such invalid, unlawful or unenforceable terms, conditions or provisions may be made legal, valid and enforceable by limitation or modification thereof, then the term, condition or provision shall be revised and reformed to make it legal, valid and enforceable to the maximum extent provided by law.

Waiver: The failure of either Party hereto at any time to enforce performance by the other Party of any provision of this MoU shall in no way affect such Party's rights thereafter to enforce the same, nor shall the waiver by either Party of any breach of any provision hereof be deemed to be a waiver by such Party of any other breach of the same or any other provision hereof.

Variation: No variation or amendments shall be effective unless the same is in writing signed by the Parties or their authorized representatives.

Counter Parts: This MoU may be signed in any number of counterparts, each of which when so executed and delivered shall be an original, but all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF the Parties hereto have duly executed this MOU as on date above written.

2. **DESHPANDE SKILLING** and “**BLDE’S Commerce, BHS Arts & TGP Science College, Jamkhandi**” will jointly promote skill development and other events organized under this partnership.

Engagement Team:

DESHPANDE SKILLING engagement team will comprise of the following point of contacts:

NAME: Basavaraj K, Manager-Deshpande Skilling

Email: basavaraj.dfp@dfmail.org

“**V.J.Kadadevar**” engagement team will comprise of the following point of contacts:

Email: bldeabbajkd@gmail.com

Term, Termination and Effect of Termination

This MOU will commence on the date written herein below (“**the Effective Date**”) and shall be valid (“**the Term**”). Each Party shall, at any time during the Term, be entitled to immediately terminate this MOU by giving written notice to the other party. If such other Party materially breaches this MOU or if such other Party or its representatives engage in activities that non-defaulting Party reasonably believes pose a risk to its reputation or goodwill, terminates above mentioned MOU

Confidentiality

The Parties acknowledge that, in the course of their negotiations under this MOU, it may be necessary for one Party to provide documentation, technical and business information and/or intellectual property, in whatever form recorded (collectively, “**Confidential Information**”), to the other Party. All Confidential Information provided or disclosed by either Party hereunder shall remain the property of the furnishing party, and shall be held in strict confidence by the receiving Party, unless the furnishing Party otherwise consents in writing or unless disclosure of such Confidential Information is required by the applicable laws.

Any disputes or differences which may arise between the Parties out of, in relation to or in connection with this MoU, or for the breach thereof shall be settled by arbitration. Each Party hereto shall be entitled to appoint 1 (one) arbitrator and the 2 (two) arbitrators so appointed shall appoint the presiding arbitrator. The Arbitration and Conciliation Act 1996 or any statutory modifications shall govern the arbitration thereof. The venue of arbitration shall be at Hubballi, India and language of arbitration shall be English language.

Applicable Law & Jurisdiction

Any action/dispute/claim arising out of or related to this MoU shall be governed by the laws of India and the courts at Hubballi shall have exclusive jurisdiction in respect of all such actions/disputes/claims arising out of this MoU.



Estd:1910
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ವಾಣಿಜ್ಯ, ಐ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University,Belagavi)

Karnataka State

Fax / Tel.: +91 8353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website : http://www.bldeajkd.ac.in



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Estd:1963

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with
UGC- Paramarsh Scheme mentee college, Dr. C.B Kuligod Degree College, Mugalkhod

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college Under MOU	12	1	22 nd March 2020	Principal Chamber



Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



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Ref No.:

Date:

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Dr.C.B Kuligod Degree College, Mugalkhod

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on NAAC RAF- Documentation Under MOU	75	1	18 th January 2020	LH No1 Hall



Coordinator
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BLDE Association's
Commerce BHS Arts & TGP Science College,
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PRINCIPAL
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JAMKHANDI-587301.



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Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Dr. C.B Kuligod Degree College, Mugalkhod

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation Program Under MOU	12	3	25 th February 2020	Seminar Hall



**Coordinator
IQAC**

BLDE Association's

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Dr. C.B Kuligod Degree College, Mugalkhod

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college Under MOU	12	1	22 nd March 2020	Principal Chamber



Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

2. SHRI CHANNABASAVESHWAR VIDYAVARDHAK SANGHA
DR.C.B.KULIGOD DEGREE COLLEGE, MUGALKHOD-591235

ON

“PARAMARSH”

UGC Scheme for Mentoring NAAC Accreditation Aspirant
Institutions to promote Quality Assurance in Higher
Education



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 19/09/2019 between Commerce, B.U.S Arts & U.G.P Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST BAGALKOT PIN 587301, KARNATAKA which expression shall include authorized representative of First Party.

SHRI CHANNABASAVESHWAR VIDYAVARDHAK SANGHA
DR C B KULIGOD DEGREE COLLEGE, MUGALKHOD 591235 Tq: Raibag Dist;
Belagavi herein after referred to as Mentee Institute and represented by its
Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "Hub & Spoke" (H&S Model) where in the Mentor Institution, called the "hub" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "spoke" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.

Period of Validity

Unless the agreement is withdrawn by Mentor institute, this agreement shall be annually valid for one year from date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Mentor Institute

PRINCIPAL

Dr. M. B. Mulimani)
PRINCIPAL
S. Arts & T.G.P. Sci. College
MANDI, Dist. Bagalkot.

Mentee Institute

PRINCIPAL

(Prof. Prakash & Kambar)


PRINCIPAL
Dr. C.B. KULGOD DEGREE COLLEGE
MUGALKHOD - 581235
TQ. RAIBAG (4325) DT. BELAGAVI



Estd: 1910

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ವಾಣಿಜ್ಯ, ಐ. ಎಸ್. ಎಸ್, ಕಲೆ ಮತ್ತು ಬಿ. ಐ. ಪಿ. ವಿಭಾಗದ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂಡಿ-587 301

(ದೀರ್ಘ ಬಳಸುವು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆಯ ಹೊಂದಿದೆ)

B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

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NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC-Paramarsh mentee college Shri Jagadamba Arts and Science First Grade College, Hittinahalli

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	webinarforstudentson "After B.Sc. Opportunities in Pharmaceutical industries"	120	2	30 th August 2021	LH No-1



Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



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B.L.D.E.Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

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Esttd : 1963

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Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Jagadamba Arts and Science College, Hittnahalli LT

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college meeting with management Under MOU	15	3	8 th February 2020	Principal Chamber



Coordinator
I Q A C

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



Estd: 1910

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ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಐ. ಎಚ್. ಎಸ್. ಆರ್ಟ್ಸ್ ಮತ್ತು ಟಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in



Estd: 1963

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Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Jagadamba Arts and Science College, Hittnahalli LT

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	IQAC Coordinator and Staff members visit to mentor college Under MOU	15	6	12 th December 2021	Principal Chamber



Umarameshwar Rd, Karnataka 587301, India

Karnataka
India

29°C
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2020-12-12 (Sat) 12:37 (pm)


Coordinator
IQAC

BLDE Association's

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344


PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



Estd:1910

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ಜಮಖಂದಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

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Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Jagadamba Art and Science College, Hittinahalli LT

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on NAAC RAF- Documentation Under MOU	75	1	18 th January 2020	LH No1 Hall




Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344


PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

MEMORANDUM OF AGREEMENT FOR ACADEMIC COLLABORATION

Between

J.V.V. Sangh's

Shri Jagadambha First Grade Arts and Science College Hittinahalli 586215

and

BLDEA's

Commerce, BHS Arts and TGP Science College, Jamakhandi

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with **Shri Jagadambha First Grade Arts and Science College Hittinahalli L T, 586215 Tq:- Sindagi, Dist:- Vijayapur Karnataka** and **BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi**, it is agreed that: Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the exchange of faculty for teaching.

Research:

Both institutions will collaborate on research activities. Guest Lectures: Both institutions will extend the necessary support to deliver guest lecturers to the students on the technology trends and in house requirements.

Term

This Memorandum of Agreement will become effective on the final date of signing and will have a duration of five years. This Memorandum of Agreement may be terminated by either institution by providing 180 days written notice to the Coordinators listed below. There is no financial commitment between both the institutions. Designation of Coordinators Each party designates the following officials to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

J.V.V. Sangh's Shri Jagadambha First Grade Arts and Science College Hittinahalli L T, Tq:- Sindagi, Dist:- Vijayapur Prof S.V.Munji Coordinator IQAC Shri Jagadambha First Grade Arts and Science College Hittinahalli L T, Tq:- Sindagi, Dist:- Vijayapur Mob No : 9900600063 Mail: Munijsv@gmail.com	BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi Dr N.M.Rolli Associate Professor Department of Botany Commerce, BHS Arts and TGP Science College, Jamakhandi Mob.No: 9448896839 Mail: drnmrolli@rediff.com
---	--

General

Shri Jagadamba First Grade Arts and Science College Hittinahalli L T, Tq:- Sindagi, Dist:- Vijayapur and the Commerce, B H S Arts and TGP Science College, Jamakhandi may work to develop a viable and sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institutions, the program coordinators may explore the development of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

AGREED:

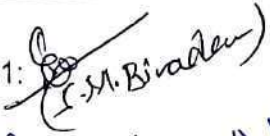
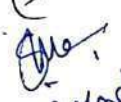
<p>For</p> <p>Name of Institution</p> <p>Shri Jagadamba First Grade Arts and Science College Hittinahalli L T, Tq:- Sindagi, Dist:- Vijayapur</p>	<p>For</p> <p>Name of Institution</p> <p>BLDEA's Commerce, B HS Arts and TGP Science College, Jamakhandi</p>
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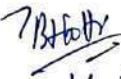

PRINCIPAL
 Authorized Signatory
 Shree Jagadamba First Grade Arts & Science College Hittinahalli LT-586215




 Authorized Signatory
PRINCIPAL
 Commerce B H S Arts & T.G.P. Science College, JAMKHANDI

Name of Institution	Name of Industry
J.V.V. Sangh's Shri Jagadamba First Grade Arts and Science College Hittinahalli L T, Tq:- Sindagi, Dist:- Vijayapur	BLDEA's Commerce, BH S Arts and TGP Science College, Jamakhandi
Mob.No: 9845247791	Mob.No: 9448896839
Email:- sjfgmsw@gmail.com	Email:- drnmrolli@rediff.com
www.sjfgcollegehittinahalli.org Date: 30-01-2021	Website: www.bldeajkd.ac.in

Witness 1: 
 (F.M. Bindar)
 2. 
 (Kaddipudi, B K)

Witness 1: 
 (R.C. Sheth)
 2. 
 (Y. B. Hoth)



B.L.D.E.A's
**Commerce, BHS Arts &
TGP Science College, Jamkhandi.**



NAAC III Cycle Accreditation 'A' Grade CGPA 3.32
UGC Paramarsh Mentor College

UNDER UGC PARAMARSH SCHEME

AN IQAC INITIATIVE

DEPARTMENT OF ZOOLOGY, BOTANY & BIOTECHNOLOGY

IN COLLABORATION WITH

SHRI. JAGADAMBA ARTS & SCIENCE FIRST GRADE COLLEGE, HITTINAHALLI

ORGANIZES NATIONAL WEBINAR ON

"Dermatoglyphics as a Diagnostic and Research Tool in Human Genetics"



RESOURCE PERSON

Dr. Sreenivasa. G

Assistant Professor, Department of Studies in Zoology,
Davangere University, Jnanagangotri Campus,
Chitradurga (Dist), Karnataka.

INAUGURATOR

PROF.S.H. LAGALI

ADMINISTRATIVE OFFICER, BLDEA's COLLEGE, JAMKHANDI

PRESIDENT

PROF.B.I. KARALATTI

PRINCIPAL, BLDEA's COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE,
JAMKHANDI

PRESENCE

PROF. A.S. PATIL

PRINCIPAL, SHRI. JAGADAMBA ARTS & SCIENCE FIRST GRADE COLLEGE,
HITTINAHALLI

PROF. M.C. KARABHARI
NAAC, COORDINATOR

PROF.S.B. KAMATI
IQAC, COORDINATOR

Mr. DHARMA GURUPRASAD MP
HOD OF ZOOLOGY &
ORGANIZING SECRETARY

Dr. N.M.ROLLI
HOD OF BOTANY
& BIOTECHNOLOGY
CO-ORGANIZING SECRETARY

CONVENERS
Mrs. JABEENA A LADKHAN
Mr. VIDYANAND KATTIMANI

MEMBERS
Miss. JAYEEDABI R KHANBHOGI
Miss. CHETANA B SUTAR
Mrs. SOUMYA S TUNGAL

TIME: 10:30 AM

DATE: 16/07/2021

Google Meet Link: <https://meet.google.com/fbx-bxzm-mwv>

Registration Link: <https://forms.gle/HoTq2DPOshMxTTV38>

Join our WhatsApp Group: <https://chat.whatsapp.com/JSK2pnekhOkJpaOVddvQSg>



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Research Article

HEAVY METAL ACCUMUATION IN VEGETABLES CULTIVATED IN AGRICULTURAL SOIL IRRIGATED WITH SEWAGE AND ITS IMPACT ON HEALTH

*¹N.M, Rolli, ²Gurumath, S.V., ¹Chavan, R.R., ¹Anantpur, A.S and ³Taranath, T.C

¹BLDEA's Degree College Jamkhandi (587301), Karnataka, India

²M.G.V.C Arts, Commerce and Science College, Muddebihal, 586212, Karnataka, India

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Sewage, Toxicity, Xenobiotics, Food chain, Health, Accumulation

ABSTRACT

Unscientific management practices of pollutants lead to ecological imbalance. The use of sewage for irrigation is a common practice in majority of peri-urbans. The present study was focused to assess the levels of heavy metals viz, Pb, Cd, Mn, Ni, Zn and Cu in vegetables irrigated with sewage. The results represents sustainable build up of heavy metals in different parts of vegetables irrigated with sewage. The maximum accumulation of Zinc was noticed in Beetroot ($72.9 \pm 1.58 \mu\text{g/g}$), copper in beetroot ($5.90 \pm 0.61 \mu\text{g/g}$), Manganese in beetroot ($171.14 \pm 1.54 \mu\text{g/g}$), Nickel in beetroot ($5.90 \pm 0.51 \mu\text{g/g}$), lead in beetroot ($30.40 \pm 0.6 \mu\text{g/g}$) and Cadmium in beetroot ($2.91 \pm 1.84 \mu\text{g/g}$). The present study highlights that adults and children consuming vegetables grown in waste water irrigated soils ingest significant amount of these metals. However, the values of these metals were below the recommended maximum tolerable levels proposed by the WHO, expert committee on Food Additives (1999) and Kabata-Pendias, (2005). However, the regular monitoring of levels of these metals from sewage, in vegetables and in other food materials is essential to prevent excessive build up of these xenobiotics in the food chain.

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INTRODUCTION

The rapid development of urbanization and industrialization, together with the shortage of availability of fresh water to be used for irrigation has led to raising use of sewage for agricultural land irrigation, mainly in periurban ecosystem due to easy availability and disposal problem. Irrigation with waste water is known to contribute significantly to the heavy metals content of the soil (Arora *et al.*, 2008, Singh *et al.*; 2010). Heavy metals are very harmful because of their non-biodegradable nature, long biological half lives and their potential to accumulate in different parts.

Most of the heavy metals are extremely toxic because of their solubility in water. Even low concentrations of heavy metals have damaging effects to man and animals because there is no good mechanism for their elimination from the body (Ashish Sharma *et al.*, 2016). Excessive accumulation of heavy metals in agricultural soil through waste water irrigation, may not result in soil contamination, but also affect food quality and safety (Chen Wang and Wang, 2005). The use of sewage has significant health implications for both farmers and consumers. Therefore, for better satisfactory result, waste

water should be treated to remove harmful substances and microorganisms before used is for irrigation (Phytoremediation technique). Special attention has been paid to those vegetables that are eaten raw. Since the microorganisms that settle over them are able to survive for several weeks and when these vegetables are consumed, they produced diarrhea, salmonellosis, shigellosis (Zhaung P *et al.*; 2009) The indiscriminate use of causes clogging of soil pores resulting in decreased permeability. Lack of aeration in sewage produces toxic gases which were found to create unhygienic conditions (Guerra *et al.*; 2012).

Further more, the consumption of heavy metal contaminated food can seriously deplete some essential nutrients in the body causing a decrease in immunological defences, intrauterine growth retardation, impaired psycho-social behavior, disabilities associated with malnutrition and a high prevalence of upper gastro-intestinal cancer (Orisakve *et al.*; 2012; Alam *et al.*, 2003; Dube *et al.*, 2004). The present study was conducted with an aim to compare the heavy metals accumulation potential in different parts of vegetables. The effect of irrigation with waste water is also studied in different vegetables to which human beings are exposed and it is found

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BLDEA's Degree College Jamkhandi (587301), Karnataka, India



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ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ
ವಾಣಿಜ್ಯ, ಐ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಇ. ಪಿ. ವಿಜ್ಞಾನ ಪುಸ್ತಕಾಲಯ,
ಜಮಖಂಡಿ-587 301

(ರಾಜ್ಯ ಚಿಕ್ಕಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಬಂಧಿಗಳ ಹೊಂದಿದೆ)

B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State
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Date:

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity
with UGC-Paramarsh mentee college Tungal School of Basic and Applied Science,
Jamkhandi

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Special Lecture by Dr.Hussainmiyya DH on NEP	60	1	5th September 2020	Staff Room



Special Lecture by Dr. Husenmiya D H on NEP


Coordinator
IQAC
BLDE Association's
Commerce BHS Arts & TGP Science College.
Jamkhandi, Ph 08353-223344


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- JAMKHANDI-587301,



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ಬಾಬಿಡ್ಲಿ, ಡಿ. ಎಲ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಐ. ಟಿ. ಪಿ. ವಿಜ್ಞಾನ ಪರಿಷತ್‌ಗಳು,
ಬಮಬಂದಿ 587301

(ದೀರ್ಘಕಾಲದಿಂದಲೂ ಕಾರ್ಯನಿರ್ವಹಿಸುತ್ತಿರುವ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆ)

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SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh scheme initiatives Special Lecuter by Dr.S.S. Desai Under MOU	125	3	19 th January 2021	LH-1



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Commerce BHS Arts & TGP Science College,
Jamkhandi Ph 08353-223344

[Signature]

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B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Tungal School of Basic and Applied Science, Jamkhandi

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	IQAC Coordinator and Staff members visit to mentor college Under MOU	10	3	01 st December 2020	IQAC Room



Umarameshwar Rd, Karnataka 587301, India

Karnataka

India

28°C

2020-12-01 (Tue) 11:34(am)

82°F

Coordinator
IQAC

BLDE Association's

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

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B.L.D.E. Association's

Commerce, BHS Arts & TGP Science Coll.,
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SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on NAAC RAF- Documentation Under MOU	75	1	18 th January 2020	LH No1 Hall



Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

2. Tungal School of Basic & Applied Sciences,
Jamkhandi-587301

ON

"PARAMARSH"

UNIVERSITY GRANTS COMMISSION
Quality Assurance Cell
New Delhi



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 18-09-2019 between Commerce, B.H.S. Arts & T.G.P. Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST:BAGALKOT PIN 587301, KARNATAKA which expression shall include authorized representative of First Party,

(College Name). Tungal School of Basic & Applied Sciences, Jamkhandi, hereafter referred to as Mentee Institute and represented by its Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "Hub & Spoke" (H&S Model) where in the Mentor Institution, called the "hub" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "spoke" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.

Period of Validity

Unless the agreement is withdrawn by Mentor institute, this agreement shall be initially valid for one year from date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Mentor Institute

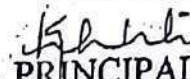

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(Dr. M. B. Mulimani)

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Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot

Mentee Institute


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Tungal School of Basic & Applied
Sciences (6260) JAMKHANDI.
Pin Code: 587301. Dist. Bagalkot.

B.L.D.E.A's

Commerce, BHS Arts and TGP Science College, Jamkhandi

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UGC Paramarsh Mentor College

UGC PARAMARSH INITIATIVE

IQAC & Department of Life Sciences
in Collaboration with

Tungal School of Basic & Applied Sciences, Jamkhandi.

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ONE DAY NATIONAL WEBINAR ON

"RELEVANCE OF INTELLECTUAL PROPERTY RIGHTS"

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Prof. Krishna Nadapurohit
Principal
Tungal School of Basic &
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Jamkhandi.



"All are cordially invited"



10th December 2020



Time: 10:00 AM

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Associate Professor, HoD
Department of Botany

Deputy Organizing Secretary

Dharma Guru Prasad M P

Assistant Professor,
Department of Zoology

Joint Organizing Secretaries

Dr. Mahesh Akula

Co – Ordinator
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Jabeena A Ladkhan
Soumya S Tungal
Vidyanand Kattimani
J.R.Khanbhogi
S.S.Konnur
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Mr.Prakash.K.Banakar
Dr.Anand Barangi
Mr.Shivanand Hosamani
Mr.Shridhar Talawar

Registration Link: <https://forms.gle/QANMwPDpUf7jJHv16>

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WhatsApp group: <https://chat.whatsapp.com/Bjehr1Fyr0G41zXooPGkj5>

E-Certificates will be issued to all the registered participants

Contact:

Dr. N M Rolli

9448896839

Dharma Guru Prasad M P

8722303534

Free Registration



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ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಪಿ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಪಿ. ಐ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301

(ರಾಜ್ಯ ಬಡ್ಡಿಯು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

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Dist. Bagalkot

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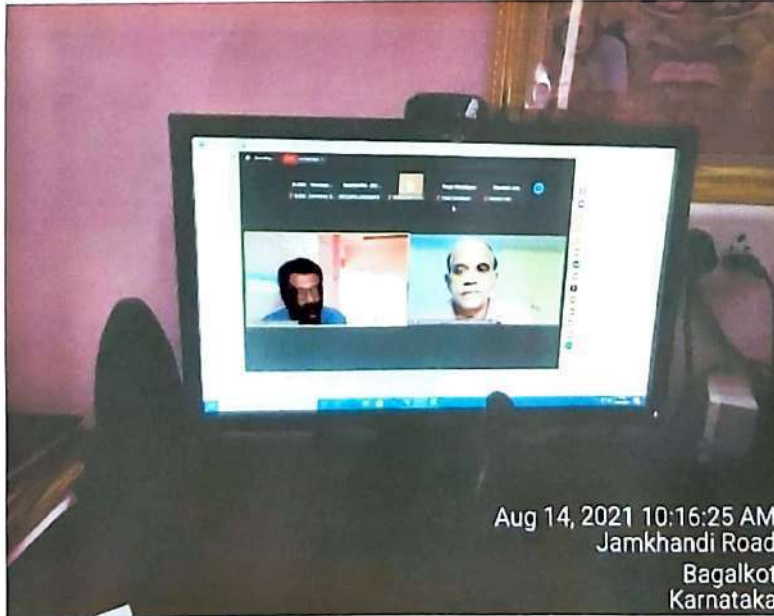
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Ref No.:

Date:

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU
Activity with UGC-Paramarsh mentee college Shri Galava Maharshi Arts and Commerce
College, Galagali

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Webinar on "Entrepreneurship in present scenario"	60	1	14th August 2021	BCA Lab-5



Coordinator

IQAC

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Jamkhandi, Ph 08353-223344

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ಬಿ. ಜಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Galava Maharshi Arts and Commerce College, Galagali.

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh scheme initiatives webinar on NEP Resource Person Dr.T.P Giraddi Under MOU	100	1	21th September 2020	Physics Lab




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ಬಿ. ಲಾ. ದಿ. ಎ. ಸಂಸ್ಥೆಯ

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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Galava Maharshi Arts and Commerce college, Galagali

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college meeting with Management Under MOU	28	3	2 nd October 2021	Principal Chamber



Unnamed Road, Galagali, Karnataka 587117, India

Galagali
Karnataka
India

29°C

2021-10-02(Sat) 10:45(am)

84°F


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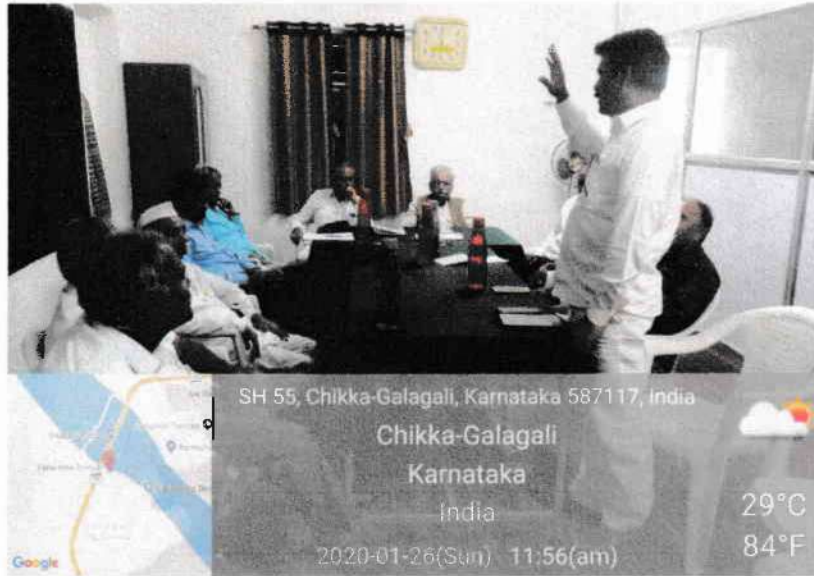
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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, ShriGalavaMaharshi Arts and Commerce college, Galagali

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college meeting with Management Under MOU	23	5	26 th January 2020	Principal Chamber



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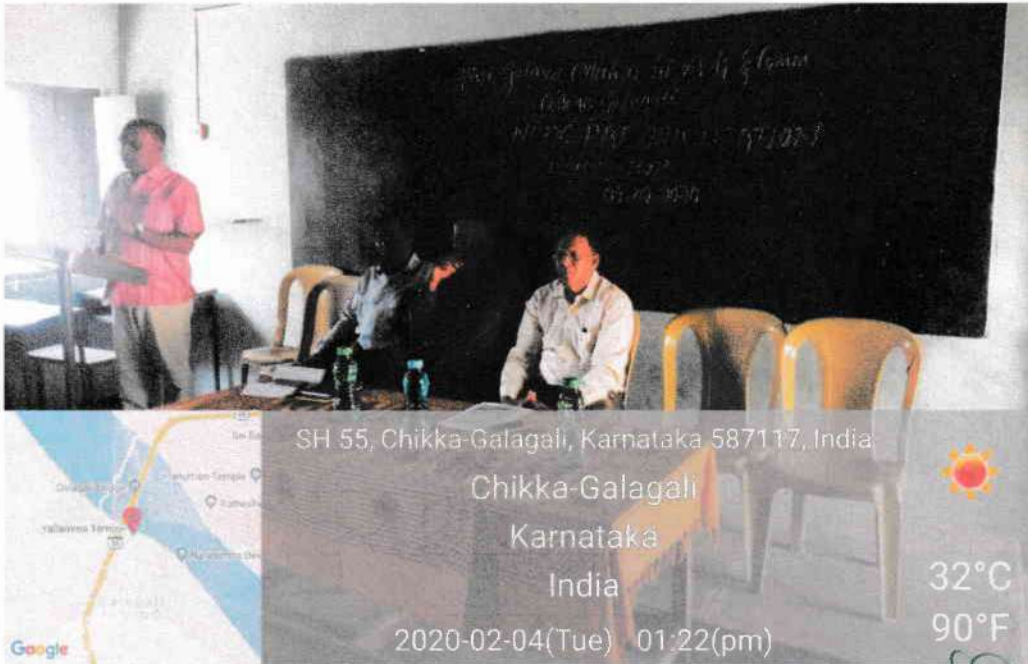
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Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Galava Maharshi Arts and Commerce College, Galagali

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college Under MOU	23	5	4 th February 2020	Principal Chamber



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Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Galava Mahrshi Arts and Commerce College, Galagali

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on NAAC RAF- Documentation Under MOU	75	1	18 th January 2020	LH No1 Hall




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ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, Shri Galava Maharshi Arts and Commerce College, Galagali

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on Approaches NAAC Documentation Under MOU	80	1	27 th February 2021	LH No1



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B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301,

MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

2. Shri Galava Maharshi Arts and Commerce College,

A/p Galagali Tq: Bilagi Dist : Bagalkot

PIN:587117

ON

“PARAMARSH”

UGC Scheme for Mentoring NAAC Accreditation Aspirant
Institutions to promote Quality Assurance in Higher
Education



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 16/09/2019 between Commerce, B.H.S. Arts & T.G.P. Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST:BAGALKOT PIN-587301, KARNATAKA which expression shall include authorized representative of First Party,

Shri Galava Maharshi Arts and Commerce College, Galagali herein after referred to as Mentee Institute and represented by its Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "*Hub & Spoke*" (H&S Model) where in the Mentor Institution, called the "*hub*" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "*spoke*" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.

Period of Validity

Unless the agreement is withdrawn by Mentor institute, this agreement shall be initially valid for one year from date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Mentor Institute

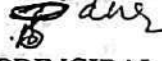

PRINCIPAL

(Dr. M. B. Mulimani)

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot.

Mentee Institute


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(Dr.B.B Patil)

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SHRI GALAYA MAHARSHI
ARTS AND COMMERCE COLLEGE
GALAGALI-587117. Tq. Bilagi. Dt. Bagalkot.
College Code : 6247



B.L.D.E.A.'s
**Commerce, BHS Arts &
TGP Science College, Jamkhandi.**



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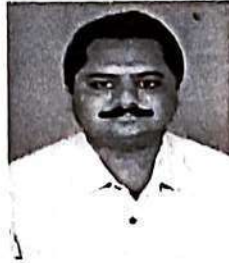
UNDER UGC PARAMARSH SCHEME
AN IQAC INITIATIVE

DEPARTMENT OF BOTANY, ZOOLOGY & BIOTECHNOLOGY

IN COLLABORATION WITH

SHRI GALAVA MAHARSHI ARTS AND COMMERCE DEGREE COLLEGE, GALAGALI
ORGANIZES NATIONAL WEBINAR ON

“RESEARCH METHODOLOGY IN RECENT TRENDS”



RESOURCE PERSON

Dr. CHANDRASHEKHAR M.Sc, Ph.D
ASSOCIATE PROFESSOR, DEPARTMENT OF BOTANY
KARNATAK SCIENCE COLLEGE DHARWAD-580001
KARNATAKA STATE, INDIA.

INAUGURATOR

PROF.S.H. LAGALI

ADMINISTRATIVE OFFICER, BLDEA's COLLEGE, JAMKHANDI

PRESIDENT

PROF.B.I. KARALATTI

PRINCIPAL, BLDEA's COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE,
JAMKHANDI

PRESENCE

Dr.B.B. PATIL

PRINCIPAL, SHRI GALAVA MAHARSHI ARTS AND COMMERCE DEGREE COLLEGE GALAGALI

PROF.M.C. KARABHARI

NAAC, CO-ORDINATOR

PROF.S.B. KAMATI

IQAC, CO-ORDINATOR

Dr.N.M. ROLLI

HOD OF BOTANY, BIOTECHNOLOGY &
ORGANIZING SECRETARY

Mr. DHARMA GURU PRASAD M P

HOD OF ZOOLOGY &
CO-ORGANIZING SECRETARY

CONVENERS

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Mrs. SOUMYA TUNGAL

MEMBERS

Miss. SAVITA S KONNUR

Miss. VIJAYALAXMI CHANAGOND

Miss. ARCHANA K ARAKERI



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ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

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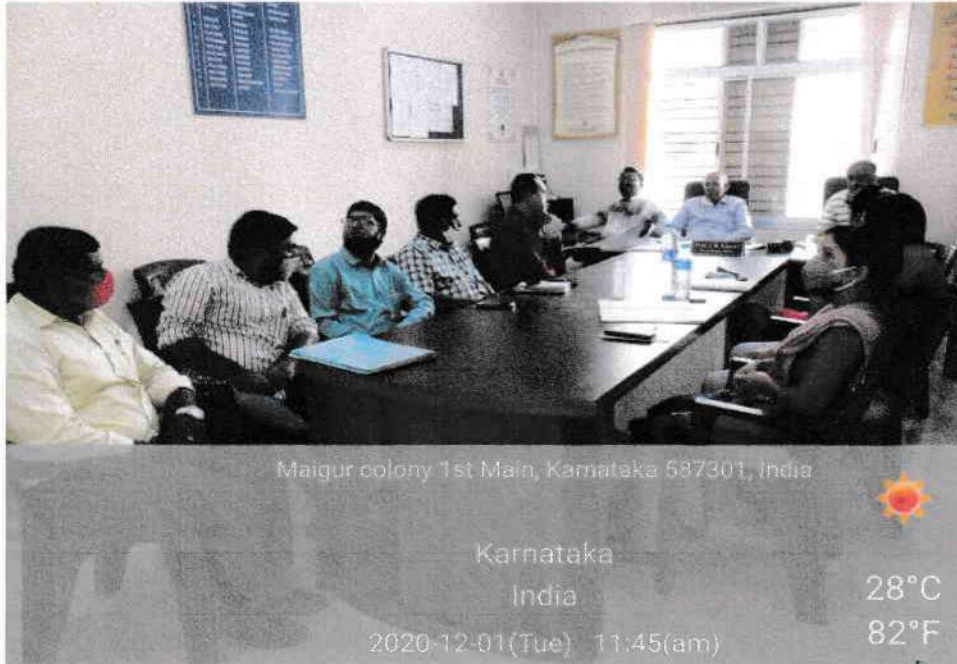
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Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, BLDEA's Law college, Jamkhandi

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Principal, IQAC Coordinator and Staff members visit to mentor college Under MOU	10	3	01 st December 2020	IQAC Room



**Coordinator
IQAC**

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



Esttd:1910
ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

**ವಾಣಿಜ್ಯ, ಇ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಇ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301**

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University,Belagavi)

Karnataka State

Fax / Tel.:+918353-220183 (Principal) 220003 (Office) email:bldeajkd@yahoo.in Website :http://www.bldeajkd.ac.in



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Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, BLDEA's Law College, Jamkhandi.

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on NAAC RAF-Documentation Under MOU	75	1	18 th January 2020	LH No1 Hall



Coordinator
IQAC

BLDE Association's

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



Estd : 1963
ಕರ್ನಾಟಕ ರಾಜ್ಯ



Estd : 1910
ಜಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

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Dist. Bagalkot

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BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, BLDEA's Law college, Jamkhandi

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college Under MOU	5	3	17 th December 2020	Principal Chamber



Cordinator
IQAC

BLDE Association's
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Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science Coll.,
JAMKHANDI-587301.



Estd:1910

ಜಿ. ಬಾಗಲಕೋಟೆ

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ಜಮಖಂದಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

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Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, BLDEA's Law College, Jamkhandi.

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Orientation program on NAAC RAF-Documentation Under MOU	75	2	18 th and 19 th August 2021	LH No1 Hall



Maigur colony 1st Main, Karnataka 587301, India

Karnataka

India

2021-08-19(Thu) 01:27(pm)

28°C

82°F

Coordinator
IQAC

BLDE Association's

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

2. BLDE Association's Law College Jamkhandi-587301

ON

“PARAMARSH”

UGC Scheme for Mentoring NAAC Accreditation Aspirant
Institutions to promote Quality Assurance in Higher
Education



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 19/09/2019 between Commerce, B.H.S. Arts & T.G.P. Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST:BAGALKOT PIN-587301, KARNATAKA which expression shall include authorized representative of First Party,

BLDE Association's Law College Jamkhandi-587301 herein after referred to as Mentee Institute and represented by its Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "*Hub & Spoke*" (H&S Model) where in the Mentor Institution, called the "*hub*" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "*spoke*" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.

- Mentee should adhere to the procedural system described in the attached

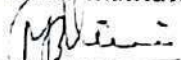
Breach of Agreement

Mentor Institute shall have the right to terminate the agreement with the Mentee Institute without giving any advance notice, in case mentee institute either fails to provide the service successfully as mentioned in the agreement, or violates any of the clause mentioned in the MoU, or misuses the partnership with Mentor institute in any way.

Period of Validity

Unless the agreement is withdrawn by Mentor institute, this agreement shall be initially valid for one year from date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Mentor Institute


PRINCIPAL

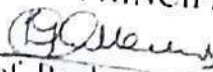
(Dr. M. B. Mulimani)

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

Mentee Institute

PRINCIPAL


(Prof. Raghuvver Kulkarni)

PRINCIPAL

Law College,
AMALNOLI Dist. Bagalkot



ಜಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

**ಬಾಬೆಜ್ಜಿ, ಬಿ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಆ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂದಿ-587 301**

(ದಾಣ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

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Estd : 1963

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Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity with UGC- Paramarsh Scheme mentee college, BLDEA's Law college, Jamkhandi

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	UGC-Paramarsh team visit to mentee college Under MOU	5	4	9 th December 2020	Principal Chamber



**Coordinator
IQAC**

BLDE Association's

Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

MEMORANDUM OF AGREEMENT FOR ACADEMIC COLLABORATION

Between

B V V Sangha's
Basaveshwar Science College, Bagalkot 587101 Karnataka

And

B L D E A's
Commerce, B H S Arts and TGP Science College, Jamakhandi 587301

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with B V V Sangha's Basaveshwar Science College, Bagalkot 587101 Karnataka and B L D E A's Commerce, B H S Arts and TGP Science College, Jamakhandi, it is agreed that:

Both institution are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty

Both institution will promote the *exchange of faculty* for teaching.

Research:

Both institution will collaborative *research activities*.

Guest Lectures: Both institution will extend the necessary support to deliver *guest lecturers* to the students on the technology trends and in house requirements.

Term

This Memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This Memorandum of Agreement may be terminated by either institution by providing 180 days written notice to the Coordinators listed below.

There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following officials to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

Dr Prabhudv I Mandi
Coordinator IQAC
Basaveshwar Science College,
Bagalkot. 587101
Mob.No: 8884989688

Dr. N. M Rolli
Associate Professor
Department of Botany
Commerce, B H S Arts and TGP
Science College, Jamakhandi 587301

General

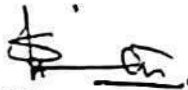
The B V V Sangha's Basaveshwar Science College, Bagalkot and the B L D E A's Commerce, B H S Arts and TGP Science College, Jamakhandi may work to develop a viable and sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institutions, the program coordinators may explore the development of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

AGREED:


For
Name of Institution
B V V Sangha's
Basaveshwar Science College,
Bagalkot 587101

For
Name of Institution
B L D E A's
Commerce, B H S Arts and TGP Science College,
Jamakhandi 587301



PRINCIPAL,
Basaveshwar Science College
BAGALKOT.



PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College,
JAMKHANDI. Dist. Bagalkot

Name of Institution	Name of Institution
B V V Sangha's Basaveshwar Science College, Bagalkot	B L D E A's Commerce, B H S Arts and TGP Science College, Jamakhandi
Mob.No: 888496988	Mob.No: 9448896839
Email: bscbgk.yahoo.com	Email: bldeajkd@yahoo.in
Website: bscbgk.org Date: 30-01-2019	Website: www.bldeajkd.ac.in

Witness1: S.M. Goworkar


Witness1: 
S.B. Kamat

Witness2: 
M.H. Ganachane

Witness4: 
(R.C. Sheth)



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International Journal of
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Research

DOI: 10.24327/IJRSR

Research Article

PHYTOTOOL TO MONITOR HEAVY METAL POLLUTION IN ROADSIDE SOIL, GRASS, FICUS AND SOME ECONOMICALLY IMPORTANT CROPS

¹Rolli, N.M., ²M.K. Ganachari., ¹P.D.Pol., ¹A.S.Anantpur and ¹R.T. Pattar

¹BLDEA's Degree College, Jamkhandi (587 301), Karnataka, India

²Basaveshwar Science College, Bagalkot, Karnataka, India

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Xenobiotics, Ficus, Crops, Grass, Accumulation, Bioindicators, Health

ABSTRACT

Heavy metals are important environmental pollutants and their toxicity in human, plants and animals has been received much more attention. A study was conducted to investigate the heavy metal pollution roadside soil, grass, ficus species and also some economically important crops along National highway No.4 with heavy traffic load passing along the sides from Jamkhandi to Mudhol (India). The highest levels of metal concentration of lead, cadmium, manganese, zinc, chromium and Nickel were found in the samples from very traffic congestion and were determined by using Atomic Absorption Spectrophotometer (AAS). The soil samples at a depth (0-20 cm) grass, ficus and some economically important crop leaves (wheat, maize, sugarcane) were taken from different sapling sites viz. S₁, S₂, S₃, S₄ and S₅ on state highway with high traffic road passing from Jamkhandi to Mudhol and were determined by AAS. The results showed that soil, grass, ficus and crops also contains elevated levels of metal. It was found that the primary source of the contamination occurs mainly by the vehicular exhausts. The increased circulation of toxic metals in soil, grass, ficus and crop results in the inevitable build up of xenobiotics in the food chain. The variation in heavy metal concentration is due to the changes in traffic density and anthropogenic activities. From the results it is concluded that the grass, ficus, crop plants and soil samples were used as bioindicators of metal pollution.

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INTRODUCTION

Toxic level of heavy metals can cause damage to the ecology environmental nutritional and evolutionary characteristic of polluted area and consequently human residing along these areas is constantly exposed health risk (Yuan et al., 2015; Kumar et al., 2017; Zheng, 2017). Soil-plant systems to make able human productivity but suffer from pollution damage caused by human activities (Assirey and El-Shahawi, 2015; Rolli et al., 2015; Wang et al., 2017) and with the rapid development of National ecology and the subsequently traffic pollution, negative environment effect are becoming increasing apparent especially roadside plant system soil (Seedli et al., 2009; Gatal and Shehata, 2015; Yang et al., 2015). Vehicular emission considered as main source of heavy metals such as Pb, Cd, Ni, Fe and Cu (Radziemska and Fronczyk, 2015; Al-fawwaz and Al-Khazaleh, 2017). The high concentration of heavy metals in urban roadside and plant samples influenced by ecological conditions like wind, rainfall, land and traffic densities (Sheikh, et al., 2016). The level of heavy metal in soil and plant inversely related with increase of distance from road edge (Kumar and Kumar, 2017). Accumulation of heavy

metals in roadside soil can alter biological activities in soil and affect the enzymatic activity of microorganisms such as urease and phosphate (Flughes et al., 1980; Kumar and Kumar, 2017). Heavy metals have complex relation with plant. Histidine, citric acid, malic acid and oxalic acid present in the plant form complexes with heavy metals and convert the metals into nontoxic form (McGrah, 1994; Agarwal et al., 2007). Consumption of such contaminated crops may pose a health risk to human beings as metals form complexes with -COOH, -NH₂, -SH, >NH groups present in protein to catalyse the function of enzyme (Kumar and Kumar, 2017). The new biological complexes thus formed lose their function which result in breakdown and even damage to cell also (Pirsaheb et al., 2013; Kumar and Kumar, 2017). Due to non-biodegradable and persistent nature of heavy metal, they easily accumulated in soil tissue of human being and can cause disturbance of biological process and can cause cardiovascular, kidney, liver and bone diseases (Momodu and Ariyakosa, 2010; Kumar and Kumar, 2015). Information on accumulation of heavy metal on roadside soil of this study area is due to highway traffic and vehicles (Pirsaheb et al., 2013). This could be a new threat for

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BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi

Department Of Hindi

MoU activity with

Shri S. R. Kanthi Arts, Commerce And Science College, Mudhol

S.N	Nature Activity	No. of Students Participated	No. of faculty Participated	Date	Venue
01	Study Exchange of faculty teaching and both institution collaboration research activity	23	01	02-02-2016	Com,BHS Arts & TGP Science College Jamakhandi
02	Study Exchange of faculty teaching and both institution collaboration research activity	13	01	04-03-2016	Shri S. R. Kanthi Arts, Commerce And Science College, Mudhol
03	Faculty Exchanging (Special Lecturer)	100	01	31-08-2021	Shri S. R. Kanthi Arts, Commerce And Science College, Mudhol




HOD
H.O.D.

DEPARTMENT OF HINDI
BLDE Association's

Commerce, B.H.S. Arts, & T.G.P.
Science College, JAMKHANDI-58730



Coordinator
IQAC

BLDE Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph. 08353 - 223344


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B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.

ESTD: 1982

B. V. V. Sangha's

Shri S. R. Kanthi Arts, Commerce And Science College,



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MUDHOL-587 313:

(Karnataka State)

☎ : (O) : (08350) - 280123, Cell : 9448986799



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Prof. N. R. Hallur

M.A.,LLB,(Spl),Dip(Ling)

PRINCIPAL

Ref. No. : ಶಿರೀಷಾಶಿಕ್ಷಣ/೨೦೧೫-೧೬/೧೦೪೬

Date : ೦೨-೦೨-೨೦೧೬

ಪ್ರಾಚಾರ್ಯರು,
ಬಿ.ಎಚ್.ಎಸ್. ಕಲಾ ಹಾಗೂ
ಟಿ.ಜಿ.ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂಡಿ.

ಮಾನ್ಯರೆ,

ವಿಷಯ : ವಿದ್ಯಾರ್ಥಿಗಳ ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮ (Student Exchange Programme) ಕುರಿತು.

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯದನ್ವಯ ತಮ್ಮಲ್ಲಿ ವಿನಂತಿಸಿಕೊಳ್ಳುವುದೇನೆಂದರೆ, ನಮ್ಮ ಮಹಾವಿದ್ಯಾಲಯದಿಂದ ಬಿ.ಎ. 6ನೇಯ ಸೆಮಿಸ್ಟರ್ ತರಗತಿಯ ಐಚ್ಛಿಕ ಹಿಂದಿ ವಿಷಯ ಅಭ್ಯಸಿಸುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ತಮ್ಮ ಕಾಲೇಜಿಗೆ ಕಳುಹಿಸುತ್ತಿದ್ದೇವೆ. ತಾವು ಐಚ್ಛಿಕ ಹಿಂದಿ ವಿಷಯದ ತರಗತಿಗೆ ಹಾಜರಾಗಲು ಅನುಮತಿ ನೀಡಿ, ಅವರಿಗೆ ಮಾರ್ಗದರ್ಶನ ಮಾಡಿ, ನಾವು ಹಮ್ಮಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳ ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮವು ಯಶಸ್ವಿಯಾಗುವಂತೆ ಸಹಕರಿಸಬೇಕಾಗಿ ಕೋರಿಕೆ.

ವಂದನೆಗಳು,

ಹಿಂದಿ ವಿಭಾಗ ಮುಖ್ಯಸ್ಥರು

H.O.D.

DEPARTMENT OF HINDI

BLDE Association's

Commerce, B.H.S. Arts, & T.G.P.

Science College, JAMKHANDI-587301

Certificate

ತಮ್ಮ ವಿಶ್ವಾಸಿಗಳು,

ಪ್ರಾಚಾರ್ಯರು,

ಶ್ರೀ ಎಸ್.ಆರ್.ಕಂಠಿ ಕಲಾ ವಾಣಿಜ್ಯ ಹಾಗೂ
ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ ಮುಧೋಳ

This to certify that the above letter is M.O.U. for Student Exchange programme under Dept. of Hindi between Host college & S.R. Kanthi Arts, comm. & Science college, Mudhol, Dt: Bagalkot

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci.
JAMKHANDI. Dist. Bagalk

ಅವ್ಯಾಜ್ಞೆಗಳ ಅನುಷ್ಠಾನ ಕ್ರಮಾವಳಿಯ
Student Exchange Programme

ಅವ್ಯಾಜ್ಞೆ ಅನುಷ್ಠಾನ ನಡವಳಿಗಳಿಗೆ ಅನುಕೂಲವಾಗಿ
ಕಾನೂನುಬಾಹಿರ ಅನುಷ್ಠಾನ/ನಿಯಮ ಒಪ್ಪಿ -

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| 1) ರಶ್ಮಿ. ರಾಜಗೌಡ | |
| 2) ಅಶ್ವಿನಿ ಹೆಚ್ | _____ |
| 3) ಚಂದನ. ಚೌಕಿ | _____ |
| 4) ನೀಲಿ. ಬಾಳಗೌಡ | _____ |
| 5) ಶೇಷಾ. ಶ್ರೀನಿವಾಸ | _____ |
| 6) ಬಸವ. ಕೋಟೆ | _____ |
| 7) ರಶ್ಮಿ ಬಿಳಿಗೌಡ | R. Jaalhav. |
| 8) ಶಬನಿ. ಬಿಳಿಗೌಡ | S.M. Baidya. |
| 9) ನಿರಂಜನ. ಕುಂಬಾರ | |
| 10) ಶೃತಿ. ಗುರುಡೆ | S.P. Imade. |
| 11) ನಿರಂಜನ - ಕುಂಬಾರ | S.B. Kaubas |
| 12) ಅಪ್ಪಾ. ಕುಂಬಾರ | V.A. Shinde |
| 13) ಅಶ್ವಿನಿ. ಕುಂಬಾರ | A.B. Kalal |
| 14) ಶಿವನಿ. ಕುಂಬಾರ | Shivani Kumbhar |

15) *U.S. Karibadi*

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Y. G. Bisti

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Principal,
B.V.V.'s. Shri. S.R. Kanthi Arts,
Commerce & Science College, MUDHOL.

[Signature]
H.O.D.
DEPARTMENT OF HINDI
BLDE Association's
Commerce, B.V.V.S. Arts, & T.G.P.
Science College, JAMKHANDI-587301

[Signature]
Coordinator
IQAC
BLDE Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223544

Estd: 1963



ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಐ. ಎಲ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಐ. ಟಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಎಂ.ಡಿ-587 301



(ದೀರ್ಘಕಾಲದಿಂದ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

ಕರ್ನಾಟಕ ರಾಜ್ಯ

B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani channamma University)

Karnataka State

Tel.: +918353-220183 (Principal) 220003 (Office) Fax.: +918353 220183 email: bldeajkd@yahoo.in Website: www.bldeajkd.org

NAAC Re-Accredited with 'A' Grade

Ref No: 1185 / 2015-16

Date: 04-03-2016.

ಗೆ,

ಪ್ರಾಚಾರ್ಯರು,

ಶ್ರೀ ಎನ್. ಆರ್. ಕಂಠಿ ಕಲಾ, ವಾಣಿಜ್ಯ ಹಾಗೂ

ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,

ಮುಧೋಳ.

ಮಾನ್ಯರೇ,

ವಿಷಯ:- ವಿದ್ಯಾರ್ಥಿಗಳ ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮ (Student Exchange Programme) ಬಗ್ಗೆ

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ಮೇಲ್ಕಂಡ ವಿಷಯದನ್ವಯ ತಮ್ಮಲ್ಲಿ ವಿನಂತಿಸಿಕೊಳ್ಳುವುದೇನೆಂದರೆ, ನಮ್ಮ ಮಹಾವಿದ್ಯಾಲಯದ ಹಿಂದಿ ವಿಭಾಗದಿಂದ ಬಿ.ಎ ರನೇ ನೆಮಿಸ್ತರ ತರಗತಿಯ ಐಚ್ಛಿಕ ಹಿಂದಿ ವಿಷಯ ಅಭ್ಯಸಿಸುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿ/ವಿದ್ಯಾರ್ಥಿನಿಯರನ್ನು ಹಾಗೂ ಹಿಂದಿ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕರಾದ ಪ್ರೊ. ಎ.ವಿ.ಸೂರ್ಯವಂಶಿಯವರನ್ನು ತಮ್ಮ ಕಾಲೇಜಿಗೆ ಕಳುಹಿಸುತ್ತಿದ್ದೇವೆ. ತಾವು ಐಚ್ಛಿಕ ಹಿಂದಿ ವಿಷಯದ ತರಗತಿಗೆ ಹಾಜರಾಗಲು ಅನುಮತಿ ನೀಡಿ ಅವರಿಗೆ ಮಾರ್ಗದರ್ಶನ ಮಾಡಲು ಹಾಗೂ ನಾವು ಹಮ್ಮಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳ ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮ (Student Exchange Programme) ಕಾರ್ಯಕ್ರಮವು ಯಶಸ್ವಿಯಾಗುವಂತೆ ಸಹಕರಿಸಬೇಕಾಗಿ ವಿನಂತಿ.

ವಂದನೆಗಳೊಂದಿಗೆ

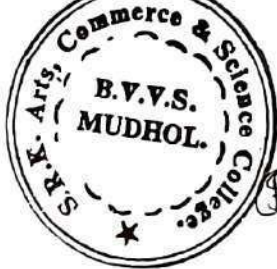
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DEPARTMENT OF HINDI

B.L.D.E. Association's

Commerce, B.H.S. Arts & T.G.P.

ಹಿಂದಿ ವಿಭಾಗದ, ಮುಖ್ಯಸ್ಥರಿಗೆ-587301

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5/3/15

ತಮ್ಮ ವಿಶ್ವಾಸಿಗಳು,

B. S. Muddhol
ಪ್ರಾಚಾರ್ಯರು

ಪ್ರಾಚಾರ್ಯರು-

ವಾಣಿಜ್ಯ ಬಿ.ಎಲ್. ಎಸ್ ಕಲೆ ಮತ್ತು ಪಿ.ಜಿ.ಪಿ. ವಿಜ್ಞಾನ
ಮಹಾವಿದ್ಯಾಲಯ, ಜಮಖಂಡಿ, ಬಿ. ಬಾಗಲಕೋಟೆ

ವಿದ್ಯಾರ್ಥಿಗಳ ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮ (Student Exchange Programme)

ವಿದ್ಯಾರ್ಥಿಗಳ ಯಾದಿ

1. ಮಹದಗೌನ ತಲಸಂಗ
2. ಇರ್ಫಾನ ವಾಲಿಕಾರ
3. ರುಕ್ಮಿಣಿ ಕುಂದರಗಿ
4. ಮುತ್ತಣ್ಣ ಕಳ್ಳಿ
5. ಫಯಾಜ ಕುರೇಶಿ
6. ರಾಜು ಕಮತಿ
7. ಸಂತೋಷ ಡುರ್ವೆ
8. ಕು.ದೀಪಾ ಹೊಸಮನಿ
9. ಕು.ಶ್ರೀದೇವಿ ದಾಸರ
10. ಆರೀಫ ಮುಲ್ಲಾ
11. ಸಿದ್ದು ಕಾಂಬಳೆ
12. ಕು.ಗೀತಾ ಆಸಂಗಿ
13. ಮಹಿಬೂಬನಾಬ ಗೋಲಂದಾಜ



H.O.D.
DEPARTMENT OF HINDI

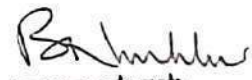
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Coordinator
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Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph: 08353 - 221114



ಸ್ವಾಚಾರ್ಯರು-

ವಾಣಿಜ್ಯ ಬಿ.ಎಚ್.ಎಸ್ ಕಲೆ ಮತ್ತು ಬಿ.ಜಿ.ಹಿ. ವಿಶ್ವಕೂಲಿ
ಮಹಾನಿಷ್ಠಾಲಯ, ಜಮಖಂಡಿ. ಬಿ. ಬಾಗಲಕೋಟೆ

ಸ್ಥಾಪನೆ : 1982

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ಶ್ರೀ ಎನ್. ಆರ್. ಕಂಠಿ ಕಲಾ, ವಾಣಿಜ್ಯ ಹಾಗೂ ವಿಜ್ಞಾನ

ತಾ. ಮುಧೋಳ

ಮಹಾವಿದ್ಯಾಲಯ, ಮುಧೋಳ. ಬಿ. ಬಾಗಲಕೋಟೆ

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ಡಾ. ಎನ್. ಬಿ. ಇಂಗನಾಳ ಎಂ.ಎ. ಪಿ.ಹೆಚ್.ಡಿ.
ಪ್ರಾಚಾರ್ಯರು

ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ : ಕ.ವಾ.ವಿ.ಮ.ಮು./ 612 /2019 2020

ದಿನಾಂಕ : 24/9/2019

MEMORANDUM OF UNDERSTANDING FOR ACADEMIC COOPERATION

Between

BLDEA'S COMMERCE BHS ARTS AND TGP SCIENCE COLLEGE
JAMKHANDI (DEPT OF HINDI)

And

SHRI S.R. KANTHI ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDHOL

BLDEA'S COMMERCE BHS ARTS AND TGP SCIENCE COLLEGE
JAMKHANDI (Dr. A.V. Suryavanshi Dept. of Hindi) and Shri S.R. KANTHI ARTS,
COMMERCE AND SCIENCE COLLEGE, MUDHOL (Prof. M.M. Balnaik) wish to
initiate collaboration in the exchanging programme. student of Arts, Commerce and
Science and Faculty of Hindi Dept.

The main objective is to foster importance of Hindi literature and language
communication skill development in Hindi.

Dr. A.V. Suryavanshi
Assistant Professor
Dept. of Hindi

H.O.D.
DEPARTMENT OF HINDI

BLDE Association's

H.S. Arts, & T.G.P.

JAMKHANDI-587301

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For

Prof. M.M. Balnaik
Assistant Professor
Dept. of Hindi

Coordinator
IQAC

B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph: 08353 - 223344

Principal,

Shri S.R. Kanthi Arts, Commerce and Science
College, Mudhol

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MEMORANDUM OF UNDERSTANDING / AGREEMENT

This Memorandum of Undertaking is made on this day, the 8th August 2019 between 'National Testing Agency' (NTA), herein after referred to as NTA, having its office at C-20, 1A/8 Sector 62, IIT Kanpur Outreach Centre, Noida 201309, which expression shall include authorized representative of **First Party**, and

BLDEA's COMMERCE, BHS ARTS & TGP SCIENCE COLLEGE, JAMKHANDI, DIST. BAGALKOTE, KARNATAKA, PIN-587301 hereinafter referred to as Test Practice Centre (TPC) and represented by its Director/Principal/Head of the Institute) of the **Second Party**

The expression shall include authorized representatives of the first party as well as the second party.

1. The activity for which this MoU is signed, is to be known as "**Operationalization of Test Practice Centre (TPC) under NTA**", Government of India

Whereas, Ministry of Human Resource Development (MHRD), Govt., of India, has set up 'National Testing Agency' (NTA), (www.nta.ac.in) a premier testing organization, to conduct entrance examinations, for Admission/Fellowship in higher educational Institutions. This shall bring in transparency and qualitative difference in Competitive examination process.

The MHRD has decided, that NTA shall establish a network of Test Practice Centres for students of rural areas, so that candidates will have an opportunity to practice on computers before the exam. Accordingly, Schools/colleges with computer facility etc., have been approached and such Centres have registered themselves on NTA website. The institutions in each District as TPC shall be kept open on, Saturday/Sunday, so that any student can use the facility free of charge

(2)

NTA shall make Notification/s, inviting candidates, desiring to appear in various competitive Examinations, conducted by NTA, to register online, for using TPC for practice

The NTA is desirous of undertaking a joint project with the Second Party for allowing 'Registered Students', who are interested to appear in various Competitive Examinations and practice on the PCs of the Second Party; the two parties through this Memorandum of Understanding, agree to collaborate to this national activity, with the intention of both being legally bound, accept the following terms and conditions:

2. Responsibilities of the Test Practice

Centre The TPC shall;

- a) Follow guidelines/policies issued by the NTA from time to time.
- b) Organize test practice activities, for the Registered students (list provided by the NTA), as well as eligible students studying at the institute, to follow a 'Course Package' provided by the NTA.
- c) Nominate a 'Nodal Officer' who shall be the contact point, for day to day activities regarding proper functioning of the TPC with the NTA.
- d) Maintain, the committed PC and LAN/Internet and concerned peripheral, in good and working conditions, so to offer best and uninterrupted service.
- e) Keep the concerned Labs/rooms open for the time and period as communicated by the NTA and ensure IT/Electricity person/s is/are present during the allotted time to attend any technical trouble faced by the candidates working on the PCs.
- f) Be responsible for the safety and working of system, infrastructure for all days and period, the TPC is active and shall ensure attendant/s are present for any assistance required by the Registered students.
- g) Receive academic Content from NTA to be installed on all designated PCs, for Online or Offline working on the PCs at the TPC, so that registered

students can perform practice at the location

- h) Provide regular information to NTA regarding the student attending the practice and for what duration, ensure feedback from each of the student is uploaded on the NTA website
- i) Receive remuneration/s from NTA, in lieu for providing the committed equipment, manpower, infrastructure etc., for the conduct of Practice for the registered students at the Centre. The current rates of remuneration is at Annexure-I of this agreement.
- j) The remuneration received from NTA by the TPC shall be in total for the service provided to and shall not obligate NTA on any responsibility concerning running/maintaining of the TPC, for the said period
- k) The TPC may recommend its student to register on the NTA website and once registered, the list shall be forwarded by the NTA to TPC and such students allowed to practice.
- l) Conduct no such parallel activity, which may be prejudicial to the interests of the said Scheme, or the NTA,
- m) Maintain records of the trainees and their regular attendance, feedback and share it with NTA, regularly.
- n) Provide the following minimum infrastructural facilities.
 - i. Computers with necessary software
 - ii. Local Area Network (LAN) or Internet at all PCs with minimum of 1 Mbps bandwidth
 - iii. Power Backup for at least 30 Minutes of working.
 - iv. Labs/Rooms for TPC
 - v. Necessary furniture.
 - vi. Necessary manpower for ensuring uninterrupted working of all units
- o) Not realize any kind of fee or cash from the candidate for the practice in any form whatsoever.

3) Responsibilities of NTA

The NTA May:

- a From time to time issue, broad policies and Guidelines related to matters of Test Practice Centres, to TPCs
- b Issue instruction to a TPC concerning operationalization of practice.
- c Send any of its official/s or representative/s to inspect a TPC regarding, operational matters and submit its report to Director General, NTA.
- d Add more TPCs in the District/State and or withdraw allocation of a TPC, without assigning any reason to the existing TPC/s
- e Provide academic Content through Online or Offline to be used by registered students at TPC
- f Pay remuneration/s to TPC as per its policies applicable from time to time
- g Have no legal, financial or any other responsibility towards employees/contractual personnel associated with the activities/ project;
- h Keep a track of the number of students attending the practice and for what duration, at Test Practice Centre.
- i Be responsible for the logistics and operational aspects of the Practice component of the said Scheme;

For all operational matters concerning working of TPC, the decision of the DG, NTA shall be final

4) Force Majeure

In the event of non-fulfillment of the contract terms and conditions due to any reason of force majeure namely fires, wars, riots, strikes, natural calamities, etc., neither the TPC nor NTA shall be held responsible for any loss or consequential loss

5) Indemnity

The TPC hereby agrees jointly and severally to indemnify NTA, their representatives, administrators and properties from and against all action, demands, proceedings, prosecutions, attachments, and the like arising out of its liabilities and all charges, taxes, etc

5) Liabilities

- A) NTA shall not, however, be liable for:
- a) any payments of claims by employees of the Test Practice Centre
 - b) discharging any financial commitments made by Test Practice Centre.
 - c) Any suit on account of demands for infringement of copyright and other laws by the TPC which have no nexus with the object of the MoU being entered into
- B) NTA shall not be responsible in any way for any liabilities arising out of use of software at TPC. The TPC shall only be solely responsible.

6) Breach of Agreement

NTA shall have the right to terminate the agreement with the Test Practice Centre without giving any advance notice, in case the TPC either fails to provide the services successfully as mentioned in the agreement or violates any of the clause mentioned in the MOU, or exploits the students or misuses the partnership with NTA in any way

7) **Amendment to the Agreement**

The obligation of the TPC and NTA have been outlined in this agreement. However during the operation of the agreement, circumstances may arise which call for alteration or modifications of this Agreement. These modifications/alterations will be mutually discussed and agreed upon in writing.

8) **Period of Validity**

Unless the agreement is withdrawn by NTA, this agreement shall be initially valid for one year from the date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

9) **Arbitration**

Any dispute arising with regard to any aspect of this Agreement shall be settled through mutual consultations by the parties to the Agreement and in case, the matter is not settled mutually, the Arbitrators shall be appointed by the Director General, NTA.

For the Test Practice Centre

For NTA


DR. M. J. SHUKLA
PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagelkot

Director General, NTA

Spectroscopic (FT-IR, FT-Raman) and electronic studies on (5-chloro-benzofuran-3-yl)-acetic acid hydrazide (5CBAH): Experimental and Theoretical approach

Secma S. Khemalpure^a, V. S.Katti ^a, C. S. Hiremath^{b*}, S. M. Hiremath^a, Mahantesha Basanagouda^c Y.B.Hotti^d
^aDepartment of Physics, K.L.E. Dr. M.S. Sheshagiri College of Engineering and Technology, Belagavi-590008, Karnataka, India.

^bDepartment of Physics, S.K. Arts and H.S.K. Science Institute, Hubballi-580031, Karnataka, India.

^cDepartment of Chemistry, P.C. Jabin Science College, Hubballi-580031, Karnataka, India.

^dDepartment of Physics, BLDEs Commerce, B.H.S.Arts & T.G.P.Science College Jamakhandi

Corresponding author: hiremathc@gmail.com

This paper reports the Experimental and theoretical spectroscopic studies for the (5-chloro-benzofuran-3-yl)-acetic acid hydrazide (5CBAH) molecule. Organic molecules containing heterocycles are of great importance in the present era, because of their significance in the development of novel bioactive compounds in agrochemical and pharmaceutical industries. Heterocycles containing oxygen atom have an identical nature with the synthetic and natural molecules due to this fact, they exhibit essential biological and pharmacological activities [1]. Benzofuran is formed by fusing between the benzene and furan ring, which attracts the researchers due to their importance in following biological activities such as antiviral activities, antimicrobial, antitumor, anticancer, antifungal, antibacterial, antitubercular, anti-diabetic, antagonistic, anti-inflammatory[2]. The acetic hydrazide is fused with benzofuran produce an excellent biological and pharmaceutical active molecule. Hence study is conducted on (5-chloro-benzofuran-3-yl)-acetic acid hydrazide.

The aim of this work on 5CBAH is: We have performed the experimental and theoretical spectroscopic studies and electronic properties analysis of 5CBAH.

In the experimental part, first we focused on FT-IR and FT-Raman spectral studies for vibrational analysis of the 5CBAH. In theoretical part, initially optimized the title molecule from Gaussian software package using DFT/B3LYP/6-311++G(d,p) basis set then calculated the theoretical FT-IR and FT-Raman frequencies by the same basis level and compared with the experimental results. The individual vibrational assignments are performed by potential energy distribution (PED) from VEDA software [3]. The MEP and FMO analysis have been performed to find out the electronic properties of the molecule.



Fig.1. Structure of 5CBAH.

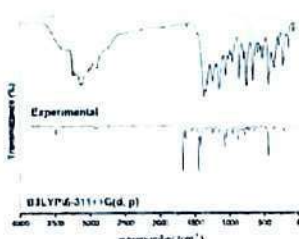


Fig.2. IR spectrum of 5CBAH.

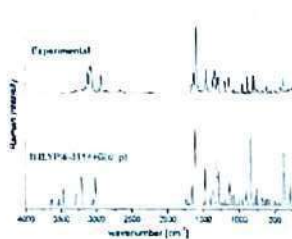


Fig.3. Raman spectrum of 5CBAH



Fig.3. MEP map of 5CBAH

Summary and Conclusions

The (5-chloro-benzofuran-3-yl)-acetic acid hydrazide has been carefully analyzed with different spectroscopic techniques. The title molecule has been optimized with the help of DFT/B3LYP/6-311++G (d, p) basis level. Experimental FT-IR and FT-Raman spectral analysis are performed and recorded wavenumbers compared with calculated results. The FMO analysis demonstrates that the energy gap of the title molecule is 5.26 eV; it indicates that 5CBAH is more chemically stable. MEP map concludes that oxygen atom of hydrazide group with deep red color is the maximum negative potential and atoms of NH₂ represent the highest positive potential.

References:

- [1]. H. Khanam, S. uz zaman, Bioactive Benzofuran derivatives: A review, Eur. J. Med. Chem., 97 (2014) 483-504.
- [2]. Jih Ru Hwu, Nitesh K. Gupta, Shwu-Chen Tsay, Wen-Chieh Huang, Irina C. Albulescu, Kristina Kovacicova, Martijn J. van Hemert, Bis(benzofuranethiazolidinone)s and bis(benzofuranethiazinanone)s as inhibiting agents for chikungunya virus, Antiviral Research, 146 (2017) 96-101.
- [3] M.H. Jamroz, Vibrational Energy Distribution Analysis, VEDA 4 Computer Program, Poland, 2004.

Estd : 1963

ಬಿ.ಎಲ್.ಡಿ.ಸಿ. ಸಂಸ್ಥೆಯು

ಬಾಬೆಲ್ಯು. ಐ. ಎಲ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಐ. ಟಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಮಖಂಡಿ-587 301

B.L.D.F. Association's

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NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No:

Date :

**MEMORANDUM OF UNDERSTANDING
FOR ACADEMIC COOPERATION
BETWEEN**

Commerce, B.H.S. Arts And T.G.P. Science College Jamkhandi (Dept of Chemistry)


And

Tungal School of Basic and Applied Science Degree College Jamkhandi (Dept of Chemistry)

Respected Sir,

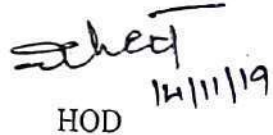
For the above said subject we wish to initiate collaboration in student exchange learning program and in other disciplines.

The main objective is to cherish collaboration, exchange of information on learning materials and other literature relevant to the education.



HOD

Prof R.C. Sheth
Dept of Chemistry



HOD

Mahesh Akula
Dept of Chemistry



Principal
PRINCIPAL

Principal
B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot



Principal
PRINCIPAL

Principal
Tungal School of Basic & Applied
Sciences (6260) JAMKHANDI.
Pin Code: 587301, Dist. Bagalkot

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi. State: Karnataka**

Dist.



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)



Ph.:08353-220003

Fax: 08353-220183

email : bldeaikd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamkhandi

Department of Political Science

MoU activity with

**Shri Khasgatish college of Arts and Commerce and Science
Talikota.**



S. N	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Study Exchange of faculty teaching and both institution collaboration research activity.	58	02	21-08-2019	BLDEA COLLEGE JAMKHANDI
02	Study Exchange of faculty teaching and both institution collaboration research activity.	32	02	15-08-2019	Shri Khasgatish college of Arts and Commerce and Science Talikoti.



Shri...
HEAD

Dept. of Political Science
Com, BHS Arts & TGP Science College
JAMKHANDI - 587301

Xy
**Coordinator
IQAC**

B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph. 08353 - 223344

Bal...
PRINCIPAL

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College
JAMKHANDI-587301.

**MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION**

Between

DEPARTMENT OF POLITICAL SCIENCE

V.V.Sangha's

Shri Khasgatesh College of Arts, Commerce and Science, Talikoti – 586214

And

DEPARTMENT OF POLITICAL SCIENCE

BLDEA's

Commerce, BHS Arts and TGP Science College, Jamakhandi – 587301

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Shri Khasgatesh College of Arts, Commerce and Science, Talikoti – 586214 Karnataka and BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi – 587301 is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

Faculty:

Both institutions will promote the **exchange of faculty** for teaching.

Research:

Both institutions will collaborative **research activities**.

Guest Lectures: Both institutions will extend the necessary support to deliver **Guest Lecturers** to the students on the technology trends and in house requirements.

Term:

This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

This Memorandum of Agreement may be terminated by either institution by providing 180 days written notice to the Co-coordinators listed below.

There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following official to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

Dr. Ajeya Abbar

HOD of Political Science

Shri Khasgatesh College of Arts, Commerce and Science, Talikoti – 586214

Mob No:9482460392

Dr. S.M Bijapur ✓

HOD of Political Science

BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi

Mob: 9480555216

General

The V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti and the Commerce, BHS Arts and TGP Science College, Jamakhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the programme coordinators may explore the developments of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

AGREED

For

Name of the Institution

V.V.Sangha's
Shri Khasgatesh College of Arts,
Commerce & Science,
Talikoti – 586214


PRINCIPAL,

S.K.College of Arts, Comm. & Science,
TALIKOTI. Dist: Vijayapur.

For

Name of the Institution

BLDEA'S
Commerce, BHS Arts and TGP
Science College,
Jamakhandi -587301


PRINCIPAL

Com., B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot.

Name of the Institution	Name of the Institution
V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti – 586214	BLDEA'S Commerce, BHS Arts and TGP Science College, Jamakhandi- 587301
Mobile No: 9482460392	Mobile No: 9480555216
E-Mail: ajeyabbar@gmail.com	E-Mail: shrirambijapur4@gmail.com
Web Site: www.skctalikoti.org	Web Site: www.bldeajkd.ac.in

Witness 1:


(R.V. Talawade)


Witness 2:


(Dr. A. R. Rathod)

Witness 1:



Witness 2:


(P. D. Pol)

**MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION**

Between

DEPARTMENT OF COMMERCE

V.V.Sangha's

Shri Khasgatesh College of Arts, Commerce and Science, Talikoti – 586214

And

DEPARTMENT OF COMMERCE

BLDEA's

Commerce, BHS Arts and TGP Science College, Jamakhandi – 587301

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Shri Khasgatesh College of Arts, Commerce and Science, Talikoti – 586214 Karnataka and BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi – 587301 is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

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Both institutions will promote the exchange of faculty for teaching.

Research:

Both institutions will collaborative research activities.

Guest Lectures: Both institutions will extend the necessary support to deliver Guest Lecturers to the students on the technology trends and in house requirements.

Term:

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There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following official to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

Prof. R.V. Jalawadi
HOD of Commerce
Shri Khasgatesh College of Arts, Commerce
and Science, Talikoti – 586214
Mob No: 9448776611

Prof. Deepa Talawar
HOD of Commerce
BLDEA's Commerce, BHS Arts
and TGP Science College, Jamakhandi
Mob: 8669101474

General

The V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti and the Commerce, BHS Arts and TGP Science College, Jamakhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the programme coordinators may explore the developments of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

AGREED

For

Name of the Institution

V.V.Sangha's
Shri Khasgatesh College of Arts,
Commerce & Science,
Talikoti - 586214

PRINCIPAL,

S.K.College of Arts, Comm. & Science
TALIKOTI. Dist: vijayapur

For

Name of the Institution

BLDEA'S
Commerce, BHS Arts and TGP
Science College,
Jamakhandi -587301

PRINCIPAL

Com., B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot.

Name of the Institution	Name of the Institution
V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti - 586214	BLDEA'S Commerce, BHS Arts and TGP Science College, Jamakhandi- 587301
Mobile No: 9448776611	Mobile No: 8669101474
E-Mail: rvjalawadi@gmail.com	E-Mail: deptofcom2019@gmail.com
Web Site: www.skctalikoti.org	Web Site: www.bldeajkd.ac.in

Witness 1:

(Signature)
Dr. A.A. Abbag

Witness 1:

(Signature)
Dr. S.M. BIZAPUR

Witness 2:

(Signature)
Dr. A.R. Kethad

Witness 2:

(Signature)
(S.B. Kamati)



ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಉ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಜಮಖಂಡಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E.Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University,Belagavi)

Karnataka State

Fax / Tel.:+918353-220183 (Principal) 220003 (Office) email:bldeajkd@yahoo.in Website :http://www.bldeajkd.ac.in



Estd:1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date :

BLDEA's Commerce, BHS ARTS & TGP Science College, JamkhandiMOU Activity by
Department of English with SK College, Talikoti

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Webinar on Shakespeare & English Language	45	2	1 st January 2021	BCA Lab-5




Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344



PRINCIPAL
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College,
JAMKHANDI-587301.



Estd 1910

BLDEA Association

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ಜಾಮಖಂಡಿ, ಹಿ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಹಿ. ಪಿ. ವಿಜ್ಞಾನ ಪದವಿವಿದ್ಯಾಲಯ,
ಜಾಮಖಂಡಿ 587 301

(ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಶಾಶ್ವತ ಸಂಪರ್ಕಿತ ವಿದ್ಯಾಲಯ)

BLDEA Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax: Tel: +918353 220183 (Principal) 220003 (Office) email:bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in



NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No:

Date:

BLDEA's Commerce, BHS ARTS & TGP Science College, Jamkhandi MOU Activity by
Department of English with SK Degree College Talikote

SL.NO.	Nature Activity	No. of Participants	No. of Resource Person Participated	Date	Venue
1	Guest Lecture on Tradition and Individual Talent By Dr Anilkumar Alalmath	45	2	1 st January 2021	BCA Lab-5



Guest Lecture on Tradition and Individual Talent by Dr Anilkumar Alalmath

Coordinator
IQAC

BLDE Association's
Commerce BHS Arts & TGP Science College,
Jamkhandi, Ph 08353-223344

PRINCIPAL

BLDE Association's
Commerce, BHS Arts & TGP Science College,
- JAMKHANDI-587301, -

**MEMORANDUM OF UNDERSTANDING
ACADEMIC COLLABORATION**

Between

DEPARTMENT OF ENGLISH

V.V.Sangha's

Shri Khasgatesh College of Arts, Commerce and Science, Talikoti - 586214

And

DEPARTMENT OF ENGLISH

BLDEA's

Commerce, BHS Arts and TGP Science College, Jamakhandi - 587301

Whereas the above named institutions recognize that academic collaboration would be of mutual benefit and would provide strengths in research and education and their mutual interest in engaging themselves in academic cooperation with Shri Khasgatesh College of Arts, Commerce and Science, Talikoti - 586214 Karnataka and BLDEA's Commerce, BHS Arts and TGP Science College, Jamakhandi - 587301 is agreed that:

Both institutions are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

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Both institutions will collaborative research activities.

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This memorandum of Agreement will become effective on the final date of signing and will have duration of five years.

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There is no financial commitment between both the institutions.

Designation of Coordinators

Each party designates the following official to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

Dr. Anilkumar Alalamath

HOD of English

Shri Khasgatesh College of Arts, Commerce
and Science, Talikoti - 586214

Mob No: 9900292143

Prof. M.C Karabhari ✓

HOD of English

BLDEA's Commerce, BHS Arts
and TGP Science College, Jamakhandi

Mob: 9980200298

General

The V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti and the Commerce, BHS Arts and TGP Science College, Jamakhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective institution, the programme coordinators may explore the developments of funding to carry out this collaboration.

All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations of both the institutions.

AGREED

For
Name of the Institution
V.V.Sangha's
Shri Khasgatesh College of Arts,
Commerce & Science,
Talikoti - 586214

PRINCIPAL,
K. College of Arts, Comm. & Science
TALIKOTI, Dist: Vijayapur.

For
Name of the Institution
BLDEA'S
Commerce, BHS Arts and TGP
Science College,
Jamakhandi -587301

[Signature]
PRINCIPAL
Col., B.H.S. Arts & T.G.P. Sci. Coll.
JAMKHANDI, Dist. Bapatk.

Name of the Institution	Name of the Institution
V.V.Sangha's Shri Khasgatesh College of Arts, Commerce and Science, Talikoti - 586214	BLDEA'S Commerce, BHS Arts and TGP Science College, Jamakhandi- 587301
Mobile No: 9900292143	Mobile No: 9480311567
E-Mail: anilalalamath@gmail.com	E-Mail: karabharime61@gmail.com
Web Site: www.sketalikoti.org	Web Site: www.bldeajkd.ac.in

Witness 1: *[Signature]*
D.V.S. in B.I JAPUR

Witness 1: *[Signature]*
(V.C. Kalyan)

Witness 2: *[Signature]*
S B Kamat

Witness 2: *[Signature]*
(B.V. Salawale)



Institute of Finance, Banking and Insurance

Satwik Splendour, 2nd Floor, Above HSBC Bank, Kallidasa Road, V.V. Mohalla, Mysore-570 002
Ph: 0821-6455182, e-mail: ifbi.mysore@gmail.com

The purpose of this MOU will result in IFBI, Mysore to visit the college during/ at the end of academic calendar of the college to identify and select candidates from the college for PGDBO program and the authorities of the college have granted permission to Maithri Institute of Computers P Ltd to source candidates from the college for PGDBO Program subject to availability of vacancy. This activity will be an exclusive activity for the students of the college and no external candidates will be entertained for the selection without the permission from the college authorities. Similarly, the college provides an exclusive opportunity to IFBI, Mysore to source the candidates from the college. No other Institute, Organization or person with similar program, similar sourcing will be entertained by the college.

The effectiveness of this MOU will be monitored by The Principal and the persons authorized by him. The Placement cell will co-ordinate all the necessary activities to source the candidates.

There is no financial implication either on the college or on IFBI, Mysore as a result of this MOU. The program is fully self financed program for the students.

This MOU has come into effect on 1st June 2016 is at-will and may be modified by mutual consent of authorized officials from the signatories of this MOU. This MOU shall become effective upon signature by the authorized officials from the Signatories and will remain in effect until modified or terminated by any one of the partners by mutual consent. In the absence of mutual agreement by the authorized officials from the signatories this MOU shall end on 31st May-2019



Institute of Finance, Banking and Insurance

Satwik Splendour, 2nd Floor, Above HSBC Bank, Kalidasa Road, V.V. Mohalla, Mysore-570 002
Ph : 0821-6455182, e-mail : ifbi.mysore@gmail.com

Contact Information

Name IFBI Mysore

Representative Adarsh K H

Position Center Head

Address NIIT V V Mohalla Center, # 1, Satwik Splendour, 2nd Floor, Kalidasa Road, Mysore

Telephone 0821-6455182/0821 2416039

E-mail ifbi.mysore@gmail.com

Name BLDEA'S Commerce BHS Arts TGP College, Jamakhandi

Representative S C Hiremath

Position Principal

Address BLDEA'S Commerce BHS Arts and TGP College, Jamakhandi -587101

Telephone

Fax

E-mail

Name BLDEA'S Commerce BHS Arts TGP College, Jamakhandi

Representative K S Patil

Position HOD

Address BLDEA'S Commerce BHS Arts and TGP College, Jamakhandi -587101

Telephone

Fax

E-mail

For BLDEA'S Commerce BHS Arts and TGP College Jamakhandi

For IFBI, Mysore

Date



Date



Institute of Finance, Banking and Insurance

Satwik Splendour, 2nd Floor, Above HSBG Bank, Kalidasa Road, V.V. Mohalla, Mysore 570 002

Ph: 0821-5455162, e-mail: ifbi.mysore@gmail.com

Memorandum of Understanding

Memorandum of Understanding

Between IFBI, Mysore having operational center in Mysore

And

BLDEA'S Commerce BHS Arts and TGP College, Jamalbandh

This Memorandum of Understanding (MOU) sets for the terms and understanding between IFBI, Mysore and the BLDEA'S Commerce and BHS Arts and TGP College Jamalbandh to source train and hire the candidates from the college

Institute of Finance, Banking and Insurance (IFBI) is a joint venture of NII Ltd and ICICI Bank. IFBI provides training and placement to select candidates in the Banking Sector. PGDDBO program is the flagship training program of IFBI in which the candidates are trained in the domain of Banking leading to confirmed placement in ICICI Bank as Senior Officer with a salary of Rs 2.4 Lakh per annum CTC as of today. Mathni Institute of Computer, PSI Ltd which is service provider for IFBI since Apr-2008 is authorized to source the candidates for this program and provide the necessary training infrastructure to conduct training at Mysore center.

The students of BLDEA'S Commerce and BHS Arts and TGP College who are willing to take up career in Banking will be benefited by this program. This MOU provides definite access to students to appear for selection process of IFBI and pursue career in banking domain at the end of their college studies.



Institute of Finance, Banking and Insurance

Satwik Splendour, 2nd Floor, Above HSBC Bank, Kaldasa Road, V.V. Mohalla, Mysore-570 002
Ph : 0821-6455182, e-mail : ifbi.mysore@gmail.com

The purpose of this MOU will result in IFBI, Mysore to visit the college during/ at the end of academic calendar of the college to identify and select candidates from the college for PGDBO program and the authorities of the college have granted permission to Maithri Institute of Computers P Ltd to source candidates from the college for PGDBO Program subject to availability of vacancy. This activity will be an exclusive activity for the students of the college and no external candidates will be entertained for the selection without the permission from the college authorities. Similarly, the college provides an exclusive opportunity to IFBI, Mysore to source the candidates from the college. No other Institute, Organization or person with similar program, similar sourcing will be entertained by the college.

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B. L. D. E. ASSOCIATION

No. 191/2017-18

Date 21/07/2017

Dear Sir,

As we know, the memorandum of understanding (MoU) creates an official linkage between different institutions/universities. It symbolizes a commitment on both sides with an intention to work together and to identify common goals.

In this context, BLDE Association has signed a MoU with **University of Porto, Portugal** in 2016. The objectives of this MoU are exchange of best practices, exchange of students and faculty for research or sharing of resources and augmentation of facilities for the welfare of the students and culture exchange programs. Hence, you are hereby requested to make use of this MoU and plan for the exchange programmes. You can visit the university website https://sigarra.up.pt/up/en/WEB_BASE.GERA_PAGINA?p_pagina=home for different programmes offered by university of Porto.


Administrative officer

BLDE Association, Vijayapur

To,

- 1) Principal, BLDEA's Sri. B M Patil Institute of Nursing Sciences, Vijayapur.
- 2) Principal, BLDEA's SSM Polytechnic, Vijayapur.
- 3) Principal, BLDEA's V.P. Dr. PG Halakatti College of Engineering & Technology
- 4) Principal, BLDEA's SSM College of Pharmacy & Research Centre, Vijayapur.

U. PORTO



**CULTURAL AND SCIENTIFIC AGREEMENT
BETWEEN
THE UNIVERSITY OF PORTO
AND
BIJAPUR LIBERAL(LINGAYAT) DISTRICT EDUCATIONAL ASSOCIATION AND
BLDE UNIVERSITY, BIJAPUR, INDIA**

The University of Porto, Porto, Portugal, represented by its Rector, Professor Sebastião Foyo de Azevedo, with official address at Praça Gomes Teixeira, 4099-002 Porto, Portugal,

And

The Bijapur Liberal(Lingayat) District Educational Association and BLDE University, Bijapur, India represented by its general secretary, Mr.G.K.Patil, with official address at BLDEA's Administrative Office, Smt. Bangamma Sajjan Campus, Solapur Road, Vijayapur-586103

considering the importance of establishing cultural and scientific exchanges, which could contribute to the progress and encounter to different cultures;

considering that both universities are bound with the same interests and objectives in the academic and cultural fields;

considering that universities are institutions called by the essence, goals and objectives, to establish communication channels, which would allow to exchange cultural and scientific knowledge;

agree to establish the following formal cultural and scientific agreement.

ARTICLE 1

The two universities agree to the following objectives:

1. Increase the scientific and cultural relationship;
2. Further the development of mutual collaboration;
3. Exchange of information, materials and scientific information in those fields which are of interest to both universities;
4. Promote teaching and researching in fields of mutual interest;
5. Promote the mobility of teaching staff, researchers and students between both universities;

6. Curriculum development;
7. Preparation of joint research projects;
8. Participation in seminars and academic meetings;
9. Exchange of accreditation procedures and standards.

ARTICLE 2

The two universities agree to identify specific areas of collaboration and to design projects of academic collaboration that shall be determined by mutual accord in writing (addendums) and will not exceed the validity of the present agreement.

ARTICLE 3

Matters arising in relation to the implementation of the joint academic projects shall be negotiated and dealt with between the two universities on a case-by-case basis.

All the expenses in executing the agreement will be negotiated and subject to the approval of the involved faculties, schools, institutes or departments of both Universities.

ARTICLE 4

The present agreement becomes effective on the date of its signature and is valid for the period of five (5) years after which it will be automatically terminated.

The agreement may be renewed upon mutual written consent by both universities at least six (6) months prior to the date of termination.

ARTICLE 5

Any modification to the present agreement shall be undertaken by mutual decision in writing and any new changes will start on a date agreed by both universities.

ARTICLE 6

Either university may terminate this agreement by giving six (6) months notice in writing. Termination of the agreement is subject to finalization of decided common projects and activities.

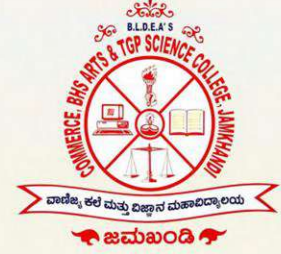
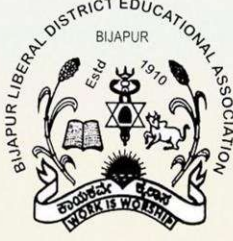
Fully accepting the articles stated above, the parties hereby sign this agreement in two (2) equally dated copies, in English language, with a copy to each part.

Porto, 3 May, 2016

Prof. Sebastião Flávio de Azevedo
Rector
University of Porto

Vijayapur, 28th April, 2016

Mr. G. K. Ravi
General Secretary
BLUE Association of Universities
VIJAYAPUR



B.L.D.E. ASSOCIATION'S

COMMERCE, B.H.S. ARTS & T.G.P. SCIENCE COLLEGE, JAMKHANDI - 587301

(DISTRICT: BAGALKOT)

NAAC3rd Cycle Accredited with 'A' Grade (CGPA-3.32)

Phone/fax:08353-220183|Email: bldeajkd@yahoo.in| Website: www.bldeajkd.ac.in

CRITERIA – VI

GOVERNANCE, LEADERSHIP & MANAGEMENT



INDEX

Sl.No	Title of the Collaborative Activity
1	Research Activity
2	Exchange of Information on Learning Materials
3	Exchange of Information on Learning Materials
4	Research Culture in Biochemistry
5	Exchange of Information on Learning Materials
6	Exchange of Information on Learning Materials
7	Training related to Dairy and its by Products
8	Research Activity
9	Skill Development and Placement
10	Entrepreneurship Awareness Camp

Whereas the above named Institutions recognize that academic collaboration would be of mutual benefit and would provide strength in Research and Education and their mutual interest in engaging themselves in academic cooperation with Shri Shantveer First Grade College and PG centre, Babaleshwar and BLDEA'S Commerce, B.H.S Arts and T.G.P Science College, Post Graduate Department of History and Archaeology, Jamkhandi-587301 is agreed that:

Both Institutions are united by common interest and objectives, and they shall establish channels of communication and cooperation that will promote and advance their respective operations within the Institution and its related wings. The parties shall keep Each Other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another

Faculty:

Both Institutions will promote the **exchange of faculty** for teaching

Research:

Both institutions will collaborative **research activities**.

Guest lecturer: Both Institutions will extend the necessary support to deliver **Guest Lecture** to the students on the technology trends and in house requirements.

Term:

This Memorandum of agreement will become effective on the final date of signing and will have duration of five years

This memorandum of agreement may be terminated by either Institution by providing 180 days written notice to the Co-ordinator listed below.

There is no financial commitment between both institutions.

Designations of coordinators:

Each party designates the following official to serve as a Co-ordinators under this Memorandum of agreement. Individuals designated as Co-ordinators may be revised by either party by providing written notice to the current Co-ordinators.

Dr. Vijayakumar Shekadar

Co-Ordinater

Shri Shantveer First Grade College and PG centre,
Babaleshwar

Mobile: 9448680312

Dr. S. S. Kokatanur

Co-Ordinater

Dept of History (PG Section)

BLDE' Association

Commerce, B.H.S Arts and

T.G.P Science College, Jamkhandi

Mobile:9741727171

General:

Shri Shantveer First Grade College and PG centre, Babaleshwar and Commerce B.H.S Arts and T.G.P Science College, PG Department of History and Archaeology, Jamkhandi may work to develop a viable and a sustainable model for the collaboration. With approval of the appropriate administrative officials of the respective Institution, the program co-ordinator may explore the development of funding to carry out this collaboration.

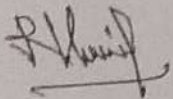
All activities conducted under this Memorandum of Agreement will be in accordance with all applicable rules and regulations are both Institutions.

AGREED

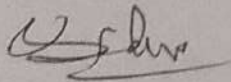
For
Name of the Institution
Shri Shantveer First Grade College and PG centre,
Babaleshwar

For
Name of the Institution
BLDEA'S
Commerce B.H.S Arts and T.G.P
Science College, Jamkhandi
587301

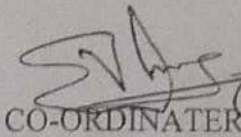
Name of the Institution	Name of the Institution
Shri Shantveer First Grade College and PG centre, Babaleshwar	BLDEA'S Commerce B.H.S Arts and T.G.P Science College, PG Department of History and Archaeology, Jamkhandi-587301
Mobile: 9448680312	Mobile: 9741727171
E-Mail: shrishantaveer5202bbl@gmail.com	E-Mail: bldeapgkd@gmail.com
Web Site: www.shrishantaveercollege.ac.in	Web Site: www.bldeajkd.ac.in



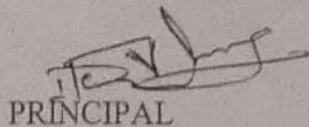
Witness 1: Dr. J.R. Havinal -



Witness 2: Dr. N.P. Biradar



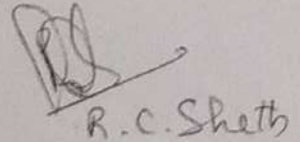
CO-ORDINATER (Dr. V.S. Shekdar)



PRINCIPAL

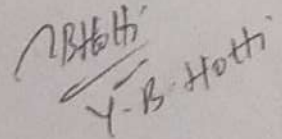
Principal,
Shri Shantaveer Arts & Commerce
College, Babaleshwar.

Witness:1

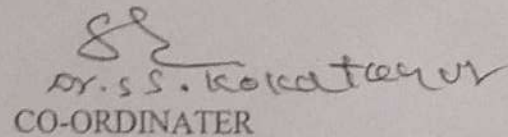


R.C. Sheth

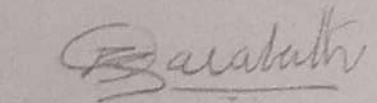
Witness:2



Y.B. Hothi



Dr. S.S. Kokate
CO-ORDINATER



PRINCIPAL

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot.



MEMORANDUM OF UNDERSTANDING

Between

1. BLDEA's COMMERCE BHS ARTS & TGP SCIENCE COLLEGE
JAMKHANDI-587301

AND

2. Tungal School of Basic & Applied Sciences,
Jamkhandi-587301

ON

"PARAMARSH"

Joint Quality Assurance Cell
for Higher Education Institutions
in the State of Jharkhand



ज्ञान-विज्ञान विमुक्तये

UNIVERSITY GRANTS COMMISSION

Bahadur Shah Zafar Marg

New Delhi-110002

Memorandum of Understanding

This memorandum of Understanding is made on this day, 18-09-2019 between Commerce, B.H.S. Arts & T.G.P. Science College, Jamkhandi, herein after referred to as Mentor Institute having its office at JAMKHANDI DIST: BAGALKOT PIN 587301, KARNATAKA which expression shall include authorized representative of First Party,

(College Name). Tungal School of Basic & Applied Sciences, Jamkhandi, hereafter referred to as Mentee Institute and represented by its Principal as the Second Party.

The expression shall include authorized representatives of the first party as well as the second party.

OBJECTIVES:

The main objective of the MoU is to enhance the overall quality of the mentee institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited.

The MoU will be operationalized through a "Hub & Spoke" (H&S Model) where in the Mentor Institution, called the "hub" is centralized and will have the responsibility of guiding the Mentee institution through the secondary branches, the "spoke" which are the additional services provided to the mentee for self improvement. This allows a centralized control over operational efficiency, resource utilization to attain overall development of the mentee institution.

Period of Validity

Unless the agreement is withdrawn by Mentor institute, this agreement shall be initially valid for one year from date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

Mentor Institute



PRINCIPAL

(Dr. M. B. Mulimani)

PRINCIPAL

Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI. Dist. Bagalkot

Mentee Institute


PRINCIPAL
PRINCIPAL

Tungal School of Basic & Applied
Sciences (6260) JAMKHANDI.
Pin Code: 587301. Dist. Bagalkot.

B.L.D.E.A's

Commerce, BHS Arts and TGP Science College, Jamkhandi

NAAC III Cycle Accreditation 'A' Grade CGPA -3.32

UGC Paramarsh Mentor College

UGC PARAMARSH INITIATIVE

IQAC & Department of Life Sciences
in Collaboration with

Tungal School of Basic & Applied Sciences, Jamkhandi.

Organize

ONE DAY NATIONAL WEBINAR ON

"RELEVANCE OF INTELLECTUAL PROPERTY RIGHTS"

Chief Patrons



Dr. M B Patil
President
BLDE Association,
Vijayapura



Dr. R V Kulkarni
C.A.O.
BLDE Association
Vijayapura



Prof. S H Lagali
Administrative Officer
BLDE Association,
Jamkhandi



Sri. Ashok K Tungal
Managing Trustee
Tungal School of Basic &
Applied Sciences
Jamkhandi



Smt. Dr. Laxmi A. Tungal
Member Trustee
Tungal School of Basic &
Applied Sciences
Jamkhandi



SPEAKER
Dr. G. Shaber Ali
Principal
V M Salgaocar College of Law,
Miramar - Panjim, Goa

Conveners

Prof. R H Bidari
Accreditation Ambassador, UGC Paramarsh

Prof. M C Karabhari
NAAC Steering Committee Co-ordinator

Prof. S B Kamati
IQAC Co-ordinator

Patrons

Prof. B I Karalatti
Principal
BLDEA's Commerce, BHS Arts
& TGP Science College,
Jamkhandi.



Prof. Krishna Nadapurohit
Principal
Tungal School of Basic &
Applied Sciences,
Jamkhandi.



"All are cordially invited"



10th December 2020



Time: 10:00 AM

B.L.D.E.A's

Commerce, BHS Arts and TGP Science College, Jamkhandi

NAAC III Cycle Accreditation 'A' Grade CGPA 3.32

UGC Paramarsh Mentor College

UGC PARAMARSH INITIATIVE



ज्ञान-विज्ञान विमुक्तये



IQAC & Department of Life Sciences
in Collaboration with

Tungal School of Basic & Applied Sciences, Jamkhandi.

Organize

ONE DAY NATIONAL WEBINAR ON

"RELEVANCE OF INTELLECTUAL PROPERTY RIGHTS"

Organizing Secretary

Dr. N M Rolli

Associate Professor, HoD
Department of Botany

Deputy Organizing Secretary

Dharma Guru Prasad M P

Assistant Professor,
Department of Zoology

Joint Organizing Secretaries

Dr. Mahesh Akula

Co – Ordinator
NAAC Steering Committee

Dr. S M Soratur

Co – Ordinator
IQAC

Organizing Committee Members

BLDEA's Comm. BHS Arts & TGP Science College

Ashwini S Anantapur

Jabeena A Ladkhan

Soumya S Tungal

Vidyanand Kattimani

J.R.Khanbhogi

S.S.Konnur

C.B.Sutar

Tungal School of Basic & Applied Sciences

Mr.Prakash.K.Banakar

Dr.Anand Barangi

Mr.Shivanand Hosamani

Mr.Shridhar Talawar

Registration Link: <https://forms.gle/QANMwPDpUf7jJHv16>

Google Meet Link: <https://meet.google.com/rqw-drsh-efa>

WhatsApp group: <https://chat.whatsapp.com/Bjehr1Fyr0G41zXooPGkj5>

E-Certificates will be issued to all the registered participants

Contact:

Dr. N M Rolli

9448896839

Dharma Guru Prasad M P

8722303534

Free Registration

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.**

Dist.

State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

**BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Botany
MoU activity with
Shri Prabhulingeshwar Sugar's and Chemical Limited, Siddapur Jamakhandi**

Sr. No	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
01	Exchange of information on research learning materials and other literature relevant to the educational and research program	-	01	17/03/2021	Jamakhandi



**HEAD OF THE
BOTANY DEPARTMENT**

**Coordinator
IQAC**

B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph. 08353 - 223344

PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI, Dist. Bagalkot.



Estd: 1910

ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯು

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಬಿ. ಜಿ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಹಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date: 17-03-2021

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College, Jamakhandi

(Department of Botany)

And

Shri Prabhulingeshwar Sugar's & Chemicals Limited, Siddapur (Jamakhandi)

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College Jamakhandi, Department of Botany and Shri Prabhulingeshwar Sugar's & Chemicals Limited, Siddapur (Jamakhandi).

Wish to initiate collaboration 'To study recycling of sewage water & other disciplines'.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For, Shri Prabhulingeshwar Sugars & Chemicals Ltd

Prabhulingeshwar Sugars
Chairman & Managing Director

Head of the Department
HEAD OF THE
BOTANY DEPARTMENT

Principal

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. **Jamkhandi.** State: Karnataka



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph..08353-220003

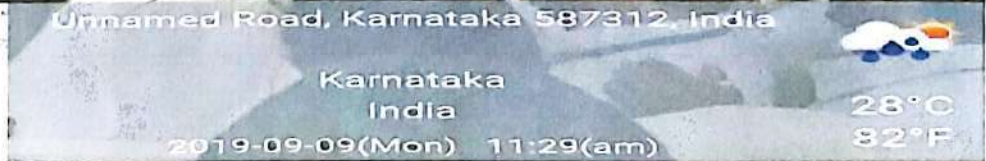
Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Rohini Biotechnology (Mahalingpura)

SL. No	Nature Activity	No. of Students Participated	No. of Faculty Participated	Date	Venue
01	Exchange of information on research learning materials and other literature relevant to the educational and research program	120	03	11-08-2020	Mahalingpura



HEAD OF THE BOTANY DEPARTMENT

Coordinator
IQAC
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223344

PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI Dist Raichur

Estd. 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಟಿ. ಬಿಲ್ಡ್‌ನ ಮಹಾಬಿದ್ಯಾಲಯ,

ಬಿ. ಜಾಂಕಂಡಿ

ಜಮಖಂಡಿ-587 301

ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: 4918353 220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website: www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date 11-08-2020

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, BHS Arts & TGP Science College, Jamkhandi

(Bio Science)

And


Rohini Biotechnology Mahalingapur

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi, Department of Bioscience and Rohini Biotechnology wish to initiate collaboration in research and other disciplines.

The main objective is to foster collaboration, exchange of information on research learning materials and other literature relevant to the educational & research programmes.

For M/s. ROHINI BIOTECH


Proprietor
Rohini Biotechnology


H.O.D.
HEAD OF THE
BOTANY DEPARTMENT


Principal
Prin. B.L.D.E.A's
Com. B.H.S. Arts & T.G.P. Science College
JAMKHANDI, Dist. Bagalkot

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.** Dist. State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph: 08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi

Department of Botany

MoU activity with

Jamkhandi Sugars Limited, Hirepdasalagi (Jamkhandi)

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Foster Collaboration Exchange of information on learning materials and other information relevant to the educational programmes.	120	03		Hirepdasalagi




**HEAD OF THE
BOTANY DEPARTMENT.**


**Coordinator
IQAC**
B.L.D.E Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph : 08353 - 223344


PRINCIPAL
Com. B.H.S. Art s & T.G.P. Sa. College
JAMKHANDI, Dist Raikot



Estd: 1910

ಬಿ. ಬಾಗಲಕೋಟೆ

ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಐ. ಎಚ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಟಿ. ಟಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಬಿ.ಎಂ.ಡಿ-587 301

(ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಬಂಧಿತ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot (Permanently affiliated to Rani Channamma University, Belagavi) Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.:

Date:

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College, Jamakhandi

(Department of Botany)

And

Jamakhandi Sugar's Limited, Hirepadasalagi (Jamakhandi)


B.L.D.E.A's Commerce, B.H.S Arts & T.G.P Science College Jamakhandi, Department of Botany and Jamakhandi Sugar's Limited (Hirepadasalagi) wish to initiate collaboration 'To study recycling of sewage water & other disciplines'.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For, JAMKHANDI SUGARS LTD.


Jamakhandi Sugars
MANAGING DIRECTOR


Head of the Department
HEAD OF THE
BOTANY DEPARTMENT


Principal
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.



Commerce, BHS Arts & TGP Science College,
Dist. Bagalkot **Jamkhandi.** State: Karnataka



(NAAC Re-Accredited with "A" Grade)

Ph: 08353-220003

Fax: 08353-220183

email: bldajkd@yahoo.in

Website: www.bldajkd.org

Ref:

Date:

Memorandum of Understanding for Academic Cooperation
Between
B.L.D.E.A's Commerce, BHS Arts & TGP Science college Jamkhandi
(Department of Commerce)
&
Sadanand PVC PVT LTD (Jamkhandi)

B.L.D.E.A's Commerce, BHS Arts & TGP Science college Jamkhandi, Department of Commerce and Sadanand PVC PVT LTD wish to initiate collaboration in training related to its products and other disciplines.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For Sadanand PVC PVT LTD



for
IQAC Coordinator

Coordinator
IQAC
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph. 08353-220004

Sadanand
PRINCIPAL
PRINCIPAL
Com., B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot.

B.L.D.E. Association's

**Commerce, BHS Arts & TGP Science College,
Jamkhandi.**

Dist.

State:



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)



Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website :

**BLDEA's Commerce, BHS Arts and TGP Science college, Jamakhandi
Department of Bio science
MoU activity with
Dempo dairy (Asangi)**

SL. No	Nature Activity	No. of. Students Participated	No. of. Faculty Participated	Date	Venue
01	Training related to dairy and its by products and other disciplines	116	03	03-03-2020	Asangi




HEAD OF THE
BOTANY DEPARTMENT


Coordinator
IQAC
B.L.D.E. Association's
Commerce, BHS Arts & TGP Science College, Jamkhandi.
Ph.: 08353 - 223344


PRINCIPAL
Comm. B.H.S. Art s & T.G.P. Sc. College
JAMKHANDI, Dist. Raichur

Estd : 1963



ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ
ವಾಣಿಜ್ಯ, ಬಿ. ಎಚ್. ಎನ್. ಕಲೆ ಮತ್ತು ಟಿ. ಪಿ. ವಿಜ್ಞಾನ ಪುಸ್ತಕಾಲಯ,
ಬಿ. ಬಾಗಲಕೋಟೆ ಜಮಖಂಡಿ-587 301 ಕರ್ನಾಟಕ ರಾಜ್ಯ



B.L.D.E. Association's

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

Karnataka State

Fax / Tel.: +918353-220183 (Principal), 220003 (Office) email: bldeajkd@yahoo.in Website : www.bldeajkd.org

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA -3.32)

Ref No.:

Date : 01-06-2020

Memorandum of Understanding for Academic Cooperation

Between

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi

(Department of Bio Science)

And

Dempo-Dairy (Asangi)

B.L.D.E.A's Commerce, BHS Arts & TGP Science College Jamkhandi, Department of Bioscience and Dempo-Dairy (Asangi) wish to initiate collaboration in training related to dairy & its by-products and other disciplines.

The main objective is to foster collaboration, exchange of information on learning materials and other information relevant to the educational programmes.

For Dempo Dairy Industries Ltd

Managing Director
Dempo-Dairy

HEAD OF THE
BQTY DEPARTMENT

Principal
PRINCIPAL
Comm. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,
Dist. Bagalkot **Jamkhandi.** State: Karnataka



(NAAC III Cycle Accreditation "A" Grade CGPA 3.32)

(Permanent Affiliated to Rani Channamma University)

Ph.:08353-220003

Fax: 08353-220183

email : bldeajkd@yahoo.in

Website : www.bldeajkd.ac.in

Ref.:

Date: 28-02-2020

To,
Managing Director,
Dempodairy Industry Limited, Asangi.
Tq-Rabakavi Banahatti, Dist-Bagalkot

Sub-Permission to visit Dempodairy Industry.

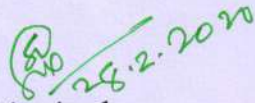
Sir,

With reference to the above subject here with we are visiting to your well established Dempodairy Plant. It is a part of curriculum for B.Sc VI Sem students. So, kindly provide permission on 03/03/2020. Please consider & oblige.

Number of staff: 03

Number of student : 116

Thank you.


Principal

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College,
JAMKHANDI, Dist. Bagalkot.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 2.58 on seven point scale at 'B' Grade)

☎ 08356220329 / 222175
FAX 08356220329 / 221121

* email princmgvc@gmail.com *

Ref No

Date 16.01.2020

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC COOPRATIONS
BETWEEN**

**M.G.V.C. ARTS, COMMERCE AND SCIENCE COLLEGE MUDEBIHAL DIST BIJAPUR
(DEPT OF BOTANY)**

AND

**BLDEA's ARTS, COMMERCE AND SCIENCE DEGREE COLLEGE JAMKHANDI
(DEPT OF BOTANY)**

M.G.V.C.Arts,Commerce and Science College Muddebihal (Prof: S.V.Gurumath Associate Professor Department of Botany) and BLDEA's Arts,Commerce and Science College Jamkhandi (Dr. N.M.Rolli Associate Professor Department of Botany) wish to initiate collaboration in research and in other disciplines.

The main objective is to foster collaboration, exchange of information on research learning materials and other literature relevant to the educational and research programmes.

Prof: S.V.Gurumath

Associate Professor

Department of Botany

Dr. N.M.Rolli

Associate Professor

Department of Botany

PRINCIPAL
Com. B.H.S. Arts & T.G.P. Sci. College
JAMKHANDI, Dist. Bagalkot

PRINCIPAL,
M. G. V. C. Arts, Com. & Science College
MUDEBIHAL - 586212,



Estd:1910

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ಬಿ.ಎಲ್.ಡಿ.ಇ. ಸಂಸ್ಥೆಯ

ವಾಣಿಜ್ಯ, ಬಿ. ಎಸ್. ಎಸ್. ಕಲೆ ಮತ್ತು ಬಿ. ಐ. ಪಿ. ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,
ಬಿ.ಎಂ.ಡಿ-587 301

(ರಾಜ್ ಬನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಶ್ವತ ಸಂಯೋಜನೆ ಹೊಂದಿದೆ)

B.L.D.E. Association's



Estd: 1963

ಕರ್ನಾಟಕ ರಾಜ್ಯ

COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Dist. Bagalkot

(Permanently affiliated to Rani Channamma University, Belagavi)

Karnataka State

Fax / Tel.: +918353-220183 (Principal) 220003 (Office) email: bldeajkd@yahoo.in Website: http://www.bldeajkd.ac.in

NAAC 3rd Cycle Accredited with 'A' Grade (CGPA 3.32)

Ref No.: /2020-21

Date:

Department of Commerce

MOU activity with

Deshapande Educational Trust, Hubli

Sl. No.	Nature of Activity	No. of Students Participated	No. of Faculties Participated	Date	Venue
01	Placement Orientation and Career Guidance	200	10	23-08-2021	BLDEA's Commerce, BHS Arts and TGP Science College, Jamkhandi



Convener
NAAC Criterion - III

Research, Innovations & Extension
B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College, JAMKHANDI

Coordinator
IQAC

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College, Jamkhandi.

Ph: 08353 - 223344

PRINCIPAL

B.L.D.E. Association's

Commerce, BHS Arts & TGP Science College,

JAMKHANDI-587301.



UBER COLLEGE
MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ('MOU') is made at Hubli, Karnataka, India on this 16th day of October 2020 by and between:

Deshpande Educational Trust, a charitable trust incorporated under the Indian Trusts Act 1882, and having its principal office at Airport Road, Hubballi, Karnataka 580030 India, (hereinafter "**Deshpande Skilling**") duly represented by its Chief Operating Officer, Mr. P.N. Nayak which expression shall, unless it be repugnant to the meaning or context thereof be deemed to mean and include its successors and assigns

AND

"BLDEA's Commerce, BHS Arts & TGP Science College ,Jamkhandi" having its presence in District Bagalkot, Pin code - 587301 offering technical diploma / under graduation courses for B.Com, BA, B.Sc., B.Ed., BBA, Diploma represented by its **Prof. B I Karalatti** (hereinafter referred to as "**Partner College**"), which expression shall, unless repugnant to the meaning or context thereof, be deemed to mean and include its successors and permitted assigns)

AND

DESHPANDE SKILLING and **The PARTNER COLLEGE** are hereinafter collectively referred to as '**Parties**' and individually as a '**Party**'.

WHEREAS:

1. **DESHPANDE SKILLING** a "not for profit" trust, an impact unit of **Deshpande Foundation, India**, and a training partner of **National Skill Development corporation (NSDC)**, involved in the activity of conducting residential employability skills training programs for graduates of rural and semi urban colleges at its skilling campus in Hubballi, and providing placement assistance to its students. **Deshpande Skilling** is desirous to bring about rural transformation by building employability skills among graduate youth from rural and semi urban colleges and assist them earn their first employment in the formal sector. **Deshpande Skilling** wishes to admit job seeking students who pass out of college, but have failed to acquire the required skills to earn employment to its skilling program.

Office 1- Next to Infosys, New Airport road, Gokul Road , Hubballi 580030.

Office 2 - DCSE Building • BVBCET Campus, Vidyanagar, Hubballi 580031, Phone: 2378500

2. DESHPANDE SKILLING collects a fee from the students enrolling for the residential skilling program with the objective of ensuring ownership of the student in the exercise. The quantum of fees forms only part of the cost of the activity. DESHPANDE SKILLING neither earns nor is desirous of any profit from the activity of skilling.
3. The PARTNER COLLEGE is desirous to see more of its students succeed to earn their employment in reputed organizations and also enhance its own placement record.
4. The two parties, DESHPANDE SKILLING and The PARTNER COLLEGE seek to partner with each other, to achieve the common goal of skilling graduate pass outs, and thereby succeed in starting their working career.
5. The principal and staff of the PARTNER COLLEGE will identify and recommend to DESHPANDE SKILLING names of final year students of the college who are inclined to join a job after graduating but are lacking in skills critical to earn their placement.
6. The principal and staff of the PARTNER COLLEGE will also identify deserving students who are financially challenged for concession in fees, and recommend same to DESHPANDE SKILLING.
7. DESHPANDE SKILLING will select students from the list recommended by the PARTNER COLLEGE and offers to admit, train and provide placement assistance to students who join the various programs.
8. DESHPANDE SKILLING offers skill training and placement assistance to students of many colleges and will form training cohorts of students from multiple colleges. Students of the PARTNER COLLEGE will be provided with common facilities and training services as all other students in training.
9. DESHPANDE FOUNDATION will offer concessional fee structure to the financially challenged students as per recommendation of the PARTNER COLLEGE principal. The total concession amount available to the students of the PARTNER COLLEGE will depend on the number of admissions, and will be mutually decided by the two parties.
10. The Parties recognize the capabilities and resources that each party brings, and agrees to use their best efforts to bring together those capabilities and resources to collaborate for the purpose of supporting skill-based training with DESHPANDE SKILLING. The PARTNER COLLEGE will support by identifying and counselling job seeking students to take benefit best from the skilling program. DESHPANDE FOUNDATION will support by skilling and placing students of the PARTNER COLLEGE and enhance its placement rate.

11. DESHPANDE SKILLING will work with the PARTNER COLLEGE to build a mindset of preparing early to earn a placement and start career among select students of the partner college. The 2 parties will agree on an annual activity calendar that could include group counselling and Q&A session, interaction with Alumni of the college who have been successful, remote classes for students, and any other activities that could give students awareness and exposure.

12. DESHPANDE FOUNDATION will also extend invitation to staff of the PARTNER COLLEGE to attend trainings and workshops that it will conduct on Skills Development for employability and other such areas that can contribute to enhancing placement record of the PARTNER COLLEGE.

The Parties are therefore entering into this MOU to record the terms and conditions of this collaboration. **DESHPANDE SKILLING** and **THE PARTNER COLLEGE** have agreed to enter into this MOU to record their present state of agreement in principle in respect of the **UBER College Partnership Program**.

NOW IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

This collaboration between DESHPANDE SKILLING and THE PARTNER COLLEGE will be to impart skill training and provide placement assistance to select students of "THE PARTNER COLLEGE" to be able earn their first employment. The objective of this partnership is to facilitate rural transformation by getting rural youth into productive employment, and to enhance the placement record of the partner college.

Roles & Responsibilities of PARTNER COLLEGE:

1. Party would enter in MOU for the DESHPANDE SKILLING's "**UBER College Partnership Program**" for Skill development Training for interested students of The PARTNER COLLEGE.
2. PARTNER COLLEGE will support the program by recommending about 30 most suitable students of the college each year for the residential skilling program for graduate students conducted by DESHPANDE SKILLING at its Skilling campus.
3. PARTNER COLLEGE will recommend students from BA / B.Com/B.Sc. / BBA / BCA / B.Ed. / Technical Diploma / ITI streams only.
4. PARTNER COLLEGE will apply adequate justification for recommendation of each student for admission. The recommendation will be an informed decision that the student would benefit from the skilling program and the student and his/her family has a high "need for job".

5. PARTNER COLLEGE will avoid recommending candidates who already possess good employability skills, or candidates who are extremely low on employability skills or candidates who are not keen to start their working career immediately.
6. PARTNER COLLEGE will permit and facilitate representatives of DESHPANDE FOUNDATION to interact with the recommended students and their parents at the college for counselling before admission to the program.
7. The PARTNER COLLEGE will not have objection to DESHPANDE SKILLING collecting a part of the cost of skilling each student, in the form of fellowship fees from the students.
8. The PARTNER COLLEGE will identify and recommend reduction fellowship fees for selected candidates from the list of recommended candidates based on family of the specific candidate. The maximum recommendation for reduction in fellowship fees for any candidate will not exceed 50 % of the fees. The cumulative discount amount recommended by the Partner colleges for the year will not exceed the limit mutually agreed between DESHPANDE SKILLING and the PARTNER COLLEGE.
9. The PARTNER COLLEGE will permit DESHPANDE SKILLING to list the PARTNER COLLEGE as its partner on its Web Site and other communication channels.

Roles & Responsibilities of DESHPANDE SKILLING:

1. DESHPANDE SKILLING will enter into MOU with the PARTNER COLLEGE and work closely with the college to develop student mindset for "preparing for placement" early and to enhance placement record of the Partner College by skilling select students at its residential skilling center and provide them placement assistance to earn their job offer.
2. DESHPANDE SKILLING will develop a calendar of interactions with select students of the partner college to develop awareness of job roles, competencies for job roles and a mindset for preparing for job roles right from their first year in college.
3. DESHPANDE SKILLING will counsel students recommended by the college and assess their trainability and need for job before admitting the students for the residential skilling program.
4. DESHPANDE SKILLING will provide the skill training to students of the partner college at its residential skilling facility as per academic plan of the specific program into which they are admitted.

5. DESHPANDE SKILLING will offer placement assistance to students of the Partner College admitted to its skilling program. Every student will be provided with multiple opportunities for placement process of different companies.
6. DESHPANDE SKILLING will with employer organizations to understand current and future skill requirements of employers and also to invite employers to provide opportunity to fellows of the skilling program for openings in their organizations.
7. THE PARTNER COLLEGE will be branded in DESHPANDE SKILLING's program website and other relevant platforms which are viewed by community of employers.
8. DESHPANDE SKILLING will provide updates about the progress of students of the partner college to the placement officer and principal of the partner college. The partner college will also be updated about the job offers received by its students.
9. DESHPANDE SKILLING retains its right to charge the students skill trainings.
10. DESHPANDE SKILLING will communicate that the partner college can extend to its financially challenged students during the first week of January each year.
11. DESHPANDE SKILLING will provide training completion certificates to all such students who have successfully completed the training. The certificate will bear the logo of NSDC and DESHPANDE SKILLING.
12. DESHPANDE SKILLING will provide placement assistance to students of the program thru its in-house Placement Assistance Cell or its placement partners.

Training Details:

S.No.	Program Name	Industry Sector	Eligibility Qualification	Duration (weeks)
1	Deshpande Koutilya Fellowship Program	BFSI	B.Com, BBA,BBM	16 to 20
2	Deshpande Susandhi Fellowship Program	IT/ITES	BA,B,Sc; B.Com,BBA,BBM	12 to 16
3	Deshpande Akanksha Fellowship Program	Teacher	B.Ed. D.Ed.	12 to 16
4	Deshpande IT Program	Hardware & Networking	Diploma CS, ITI CS; BCA; BCM	12 to 16
5	Deshpande Susandhi Electrician Program	Electrical Maintenance	Diploma E&E / E&C ; ITI electrician	8 to 12
6	Deshpande CNC Pro	Manufacturing	Diploma Mech ; ITI Mech	8 to 12

Joint contributions:

1. DESHPANDE SKILLING and "BLDE'S Commerce, BHS Arts & TGP Science College, Jamkhandi" shall collaborate in order to identify training at various places for participation in the programs conducted under this partnership.

Notices

Any notice, or other communication under this MoU shall be in writing and shall be deemed to have been effectively served if sent by personal delivery or courier or by registered prepaid mail and addressed to the Parties at their respective addresses set forth hereinbefore (or at such other address as a Party may specify by notice to the other).

Miscellaneous

Entire Agreement: The Parties have read and understood this MoU, along any document referred to in this MoU and annexure constitute the complete and exclusive statement of MoU between them with respect to the subject matter hereof and supersedes all proposals, representations, understandings, including any prior agreement whether oral or written and all other communications between them relating thereto.

Heading: The headings of terms and conditions herein contained are inserted for convenience of reference only and are not intended to be a part of or to affect the meaning or interpretation of any of the terms and conditions of this MoU.

Severability: In the event that any of these terms, conditions or provisions shall be determined invalid, unlawful or unenforceable, to such an extent, such terms, conditions or provisions shall be severed from the remaining terms, conditions and provisions and such remaining terms, conditions and provisions shall continue to be valid to the fullest extent permitted by law, provided however if such invalid, unlawful or unenforceable terms, conditions or provisions may be made legal, valid and enforceable by limitation or modification thereof, then the term, condition or provision shall be revised and reformed to make it legal, valid and enforceable to the maximum extent provided by law.

Waiver: The failure of either Party hereto at any time to enforce performance by the other Party of any provision of this MoU shall in no way affect such Party's rights thereafter to enforce the same, nor shall the waiver by either Party of any breach of any provision hereof be deemed to be a waiver by such Party of any other breach of the same or any other provision hereof.

Variation: No variation or amendments shall be effective unless the same is in writing signed by the Parties or their authorized representatives.

Counter Parts: This MoU may be signed in any number of counterparts, each of which when so executed and delivered shall be an original, but all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF the Parties hereto have duly executed this MOU as on date above written.

2. **DESHPANDE SKILLING** and "BLDE'S Commerce, BHS Arts & TGP Science College, Jamkhandi" will jointly promote skill development and other events organized under this partnership.

Engagement Team:

DESHPANDE SKILLING engagement team will comprise of the following point of contacts:

NAME: Basavaraj K, Manager-Deshpande Skilling

Email: basavaraj.dfp@dfmail.org

"V.J.Kadadevar" engagement team will comprise of the following point of contacts:

Email: bldeabbajkd@gmail.com

Term, Termination and Effect of Termination

This MOU will commence on the date written herein below ("the Effective Date") and shall be valid ("the Term"). Each Party shall, at any time during the Term, be entitled to immediately terminate this MOU by giving written notice to the other party. If such other Party materially breaches this MOU or if such other Party or its representatives engage in activities that non-defaulting Party reasonably believes pose a risk to its reputation or goodwill, terminates above mentioned MOU

Confidentiality

The Parties acknowledge that, in the course of their negotiations under this MOU, it may be necessary for one Party to provide documentation, technical and business information and/or intellectual property, in whatever form recorded (collectively, "Confidential Information"), to the other Party. All Confidential Information provided or disclosed by either Party hereunder shall remain the property of the furnishing party, and shall be held in strict confidence by the receiving Party, unless the furnishing Party otherwise consents in writing or unless disclosure of such Confidential Information is required by the applicable laws.

Any disputes or differences which may arise between the Parties out of, in relation to or in connection with this MoU, or for the breach thereof shall be settled by arbitration. Each Party hereto shall be entitled to appoint 1 (one) arbitrator and the 2 (two) arbitrators so appointed shall appoint the presiding arbitrator. The Arbitration and Conciliation Act 1996 or any statutory modifications shall govern the arbitration thereof. The venue of arbitration shall be at Hubballi, India and language of arbitration shall be English language.

Applicable Law & Jurisdiction

Any action/dispute/claim arising out of or related to this MoU shall be governed by the laws of India and the courts at Hubballi shall have exclusive jurisdiction in respect of all such actions/disputes/claims arising out of this MoU.



COMMERCE, B.H.S. ARTS & T. G.P. SCIENCE COLLEGE, JAMKHANDI-587 301.

Karnataka State

Bagalkot
Tel : +918353-220183 (Principal) 220003 (Office) Fax.: +918353 220183 email: bldcajkd@yahoo.in Website: www.bldcajkd.org

NAAC Re-Accredited with 'A' Grade

Date: 30/7/2016

To,

The Director,
CEDOK,
Plot No.1 (A&S), Belur Industrial Area,
Belgaum Road,
DHARWAD-580 001.

Dear Sir,





Centre for Entrepreneurship Development of Karnataka (CEDOK), Dharwad and District Industries Centre, Bagalkot and B.L.D.E.A's Commerce B.H.S. Arts and T.G.P. Science College, Jamkhandi has jointly organized 3 days Entrepreneurship Awareness Camp for final year B.Sc. students from 28-07-2016 to 30-07-2016. The camp was organized systematically. 80 students attended the camp.

This camp really motivates the students towards entrepreneurship so we request you to arrange the EAC's camp in the years to come.

Further, the camp was most resourceful and this institute sincerely thanks the thought provoking ideas and guidance given by CEDOK.

PRINCIPAL

**Com. BHS. Arts & TGP. Sc. College
JAMKHANDI (Dist. Bagalkot)**

DESHPANDE SKILLING	
By signing this MOU, I also confirm that I am authorized to sign on behalf of DESHPANDE EDUCATIONAL TRUST.	By signing this MOU, I also confirm that I am authorized to sign on behalf of
Signature:  	Signature:  
Name: P N Nayak	Name: Prof. B I Karalatti
Title: Chief Operating Office Deshpande Skilling, Hubballi	Title: Principal BLDE's Commerce, BHS Arts & TGP Science College, Jamkhandi
Date: 16-10-2020	Date: 17-10-2020