

The **General Manager (Tech.)** represents **HESCOM**, Hubballi and the **Principal** representing **Jain College of Engineering, Belagavi** witnesses as follows:

The **Hubli Electricity Supply Company Limited**, Hubballi, hereinafter referred to as HESCOM (which form shall mean and include unless repugnant to the context and meaning of the same to mean and include the assigns and successors) of the one part

And

Jain College of Engineering, Belagavi - 590 014, herein after referred to as **JCE** (which form shall mean and include unless repugnant to the context and meaning of the same to mean and include the assigns and successors) of the other part further witnesses as follows:

HESCOM:

The Government of Karnataka as part of reforms in power sector has unbundled the transmission and distribution activities in the state of Karnataka. As a result, the HESCOM Limited was incorporated on 30.04.2002 under the Companies Act, 1956 (No. 1 of 1956) and HESCOM started operation w.e.f. 01.06.2002. HESCOM came into existence with geographical jurisdiction of 7 Districts comprising of Dharwad, Belagavi, Gadag, Haveri, Uttar Kannada, Bagalkot & Vijayapur with an objective to carry on the business of distribution and supply of electricity more efficiently and economically. HESCOM today is functioning as a commercial entity in pursuance of power sector reforms undertaken by Government of Karnataka, duly represented by its Managing Director hereinafter referred to as "HESCOM" which expression shall unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns;

And WHEREAS

27/6/19
Principal & Director
Jain College of Engineering,
BELAGAVI - 590 014


General Manager (Tech.)
Company Office, HESCOM,
HUBBALLI-580 025.

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Jain College of Engineering, Belagavi-590014:

Founded as an educational institute in the early 1990s, JGI Group revamped the prevalent methods of education and focused on innovation and entrepreneurship. It created ripples in the educational sector and enabled JGI Group to establish itself as one of the leaders in the education sector. Education combined with entrepreneurship is the stated aim of JGI Group.

The organisation encompasses an enthusiastic team of business and financial experts who help in the development and growth of nascent enterprises. Several start-up enterprises have established their businesses through JGI's entrepreneurial vision. More than 100 entrepreneurs and 50 ventures from various domains like IT, Financial Services, Home Decor, Hospitality, Music, Education, and Engineering were incubated by JGI's entrepreneurial wings so far.

The JCE is established in the year 2010 affiliated to the Visvesvaraya Technological University (VTU), Belagavi and is recognized by All India Council for Technical Education (AICTE), New Delhi. The institute is spread over 13.5 acres of land. The campus has all the basic amenities for the overall development of the students with spacious infrastructure. The Institute is having five under graduate programs namely Computer Science Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Mechanical Engineering, & Civil Engineering, Post-Graduate studies in Power System Engineering, Structural Engineering followed by Research Centre at Mechanical Engg, Electrical and Electronics Engg, Electronics and Communication Engg, Civil Engg and Basic Science Departments.


The annual student intake is 600. We are successfully progressing ahead in 9th year of existence in providing quality & affordable technical education to the needy intellectuals of this region.

Department Profile

The Department of Electrical & Electronics Engineering was established in the year 2010, to cater to the needs of the power sector in India with the intake of 60 students in UG program and PG program in "Power Systems" has also been introduced in the year 2014 with the intake of 24. The department also has the Research Center. A total of 195 students study the course during the academic year 2017-18.

Since its inception, the Department has been playing a vital role in producing technocrats of high caliber to cater to needs of academics and industries to address the challenges in the thrust areas of Electrical & Electronics Engineering.


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The Department has well equipped conventional laboratories of Electrical Machines, Measurements, Control Systems, Micro Controllers, Power Electronics, Analog Electronics Logic Design, & High Voltage. Necessary and adequate computing facilities & resources in the form of licensed application packages are also available.

The Department has distinguished, highly qualified, and experienced faculty members along with competent supporting staff. The faculty of the Department


has been constantly carrying out research on many cutting edge technologies, regularly publishing papers in reputed national and international journals. The Department has the knowledge cell. As a pilot project the cell developed the Basic Electrical laboratory kits to fulfill the VTU curriculum. The kits developed are of high competency, equipped with modern technology.

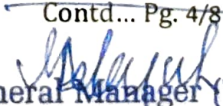
The Department flag-ships, TESLA and IE(I) Students' Chapter (Electrical) to provide ample opportunities on curricular and co-curricular fronts to the students and make them participate and exhibit their talents to transform them into competent professionals with rich blend of Technical & managerial skills. Few events with noble and humane initiatives like Blood Donation Camps, Energy Conservation Awareness Programs are also held in the Department.

The Department also got the VGST grant of Rs. 20 Lakhs in the year 2016-17 for setting up Power System Simulation Laboratory. In addition the project from the department got selected in HACKATHON-2017, which added feathers to the department profile.

The Understanding aims:

Both the parties are interested in having a MOU in Capacity Building/Training Initiatives for officers of HESCOM and R&D, DSM activities in JCE. To introduce and train students and practicing engineers on the emerging trends related to distributed generation, smart grid and activities of Power Distribution System for next 5 years from the above mentioned date.


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Company Office, HESCOM,
HUBBALLI-580 025.

Now, this Memorandum of Understanding witnesses as follows:

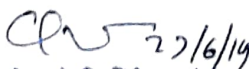
IT IS HEREBY MUTUALLY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:


This collaboration between JCE and HESCOM will create cooperation to initiate PACE (Program for Academic Connect and Engagement) in JCE and R&D (Research & Development)/ DSM (Demand side Management) activities of HESCOM.

Further to provide a platform to build a strong and ongoing relationship between the HESCOM and JCE.

The goals of PACE are:

1. To develop and foster strategic linkages between the JCE and the technical departments of HESCOM.
2. To understand the needs and expectations of both the institute and the organization and to execute relevant identified activity required to meet the needs and expectations therein.
3. Offering courses of mutual interest to the students and issuing the students certificates jointly, upon successful completion of the course.
4. Identify the area of research and development in Engineering of mutual interest and work on the identified proposals jointly on agreed terms.
5. HESCOM will permit their Engineers and Experts to tender their expertise for the benefit of the students when they are requested for specially focused programs
6. HESCOM will mentor UG students for projects of mutual interest and convenience.
7. HESCOM will promote various activities for overall development of students with present trends.
8. HESCOM will advise institute for achieving program for educational objectives and outcomes to Department of Electrical and Electronics Engineering
9. Exploring and carrying out any other academic activity with mutual consent.
10. Provide exposure to students & faculty members to emerging technologies


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11. Help bridge the gap between academia and industry and contribute to education eco system
12. Participate in enhancing knowledge of niche technologies and domain education by partnering.
13. As per the PACE, HESCOM provides its speakers to participate and deliver technical presentations and talks on topics as shall be, jointly, decided by JCE and HESCOM. Such lectures shall either be a part of the curriculum or a value-added knowledge for the students. Further Lecturers of JCE shall deliver technical presentations to HESCOM engineers on topics jointly decided.

The goal of Research & Development (R&D) of HESCOM is,

1. JCE will design and implement the R&D Projects with HESCOM.
2. JCE will support in Research & Development activities and provide platform for students and HESCOM interaction.

HESCOM will make provision for funding the cost of HESCOM approved R&D project activities and extend similar funding support in HESCOM approved joint activities.

The goal of Demand Side Management (DSM) of HESCOM is,

1. JCE will design and implement the DSM Projects with HESCOM.
2. JCE will support and propagate Energy saving and safety awareness programs and activities in HESCOM geographical areas.

HESCOM will make provision for funding the cost of HESCOM approved DSM activities and extend similar funding support in HESCOM approved joint activities.

Internships to students:

In order to impart practical training under PACE, HESCOM shall identify, encourage and support in evolving technical competence in students by providing internships to students during their vacation period between successive semesters. HESCOM shall deploy such interns on specific technical works at their

QNS 27/6/14
Principal & Director
Jain College of Engineering
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[Signature]
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development centers. HESCOM shall evaluate the quality of the work carried out by the interns and award them with a certificate at the end of the internships. Industry-Institute coordinator shall co-ordinate with HESCOM throughout the process including initiation of the internship request at the appropriate time, selection of students for the internship, overseeing the technical work carried out by the interns and the evaluation of the work carried out by the interns as might be required by HESCOM.

Nurturing Exchange programs:

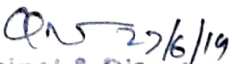
HESCOM shall foster the industry-institute exchange program with respect to the faculty and industry executives to serve in the organizations on an exchange basis. This shall provide the associates of HESCOM and Institute with cross-learning opportunities. Additionally, PACE will imbibe HESCOM culture amongst students and they will understand HESCOM practices.

INDEMNITY:

Neither Party will be liable to indemnify the other Party, and/or its employees from and against all costs, claims, demands, liabilities, expenses, damages or losses arising while executing the activities defined in this Agreement or in connection with a Party's negligence or breach of the terms of this Agreement.

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


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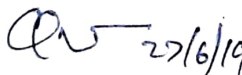
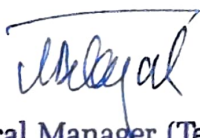
unless disclosure of such Confidential Information is required by the applicable laws. Confidential Information furnished by any Party hereunder.

GOVERNING LAW:

This **MoU** shall be governed by laws of India and the parties submit themselves to the jurisdiction of the courts in Hubballi, Karnataka, India.

This **MoU** is entered into for a period of 5 years between HESCOM, Hubballi and Jain College of Engineering, Belagavi - 590014. The period would thereafter be extendable on mutual satisfaction and consent. Further this **MoU** could be terminated with one month's prior notice by either party at any point of time without giving reasons.

In witness where of the following parties have signed the MoU on this the 27th day of June 2019 at Principal Office, Jain College of Engineering, Belagavi - 590014 and the same would come into effect from the 27th June 2019.

Jain College of Engineering (JCE)	Hubli Electricity Supply Company Limited (HESCOM)
By signing this MOU, I also confirm that I am authorized to sign on behalf of Jain College of Engineering, Belagavi - 590014. Signature:  27/6/19 Principal & Director Jain College of Engineering BELAGAVI - 590 014	By signing this MOU, I also confirm that I am authorized to sign on behalf of HESCOM, Hubballi - 580025.  Signature: General Manager (Tech.) Company Office, HESCOM, HUBBALLI-580 025.
Name: Dr. K G Vishwanath	Name: Er. Jagadeesha L Belagali
Title: Principal	Title: General Manager (Tech.)
Date: 27.06.2019	Date: 27.06.2019
Place: Belagavi	Place: Belagavi



MEMORANDUM OF UNDERSTANDING (MOU)



Signed between

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

of

JAIN COLLEGE OF ENGINEERING, BELAGAVI

and

HUBLI ELECTRICITY SUPPLY COMPANY (HESCOM)

on

27 June 2019


To collaborate, share information and technology to develop the required skills, imparting knowledge and capability in the concern areas for mutual benefits and intend to create a centre of excellence to support this collaborative effort.



28/6/19

Dr. G. H. Kulkarni

Prof. & Head



Er. Jagadeesha L Belagali

General Manager (Technical)



27/6/19

Dr. K. G. Vishwanath

Principal & Director