



Arka Educational and Cultural Trust[®]
JAIN INSTITUTE OF TECHNOLOGY
Davanagere
(A Unit of Jain Group of Institutions, Bangalore)

JIT EEE-NEWSLETTER

BI ANNUAL JULY 2023-DECEMBER 2023

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



"VISION"

"TO CREATE TECHNICALLY SUPERIOR, HIGHLY COMPETENT, ETHICALLY STRONG AND SOCIALLY RESPONSIBLE ELECTRICAL AND ELECTRONICS ENGINEERS WITH INNOVATIVE AND ENTREPRENEURSHIP QUALITIES."

"MISSION"

M1 - TO IMPART EXCELLENT ELECTRICAL AND ELECTRONICS ENGINEERING EDUCATION BY PROVIDING INNOVATIVE TEACHING, CAREER FOCUSED EDUCATION AND EXPERIENTIAL LEARNING.

M2-TO CREATE AN ENVIRONMENT FOR INNOVATIVE THINKING AND CONTRIBUTE TO THE ADVANCEMENT OF SCIENCE AND TECHNOLOGY TO MEET THE EVER CHANGING NEEDS OF SOCIETY.

M3-TO PROVIDE STUDENT CENTRIC PLATFORM TO PRODUCE SOCIALLY RESPONSIBLE, COMPETENT ENGINEERS AND ENTREPRENEURS WITH ETHICAL STANDARDS.

EDITORIAL TEAM

PROF. PRADEEP KANAVI
ASSISTANT PROFESSOR

MR. SANDEEP PATIL M S
INSTRUCTOR



VISIT US AT: WWW.JITD.IN

PROGRAM OUTCOMES

- An ability to apply knowledge of mathematics & science to electrical engineering.
- An ability to identify, formulate and solve complex electrical engineering problems.
- An ability to design electrical systems to meet desired needs with appropriate considerations for public health and safety.
- An ability to use research based knowledge to design and conduct experiments.
- An ability to use techniques, skills and modern electrical engineering tools like MATLAB, CAED, etc. for engineering practice.
- To understand the impact of engineering solutions in a global, economic, and societal contexts.
- Understand the impact of the electrical engineering solutions in environmental contexts & demonstrate the knowledge for sustainable development.
- An understanding of professional and ethical responsibility.
- An ability to function on multidisciplinary teams.
- Ability to communicate effectively with the engineering community and with society.
- Develop an appreciation for principles of managerial skills and entrepreneurship.
- Ability to develop confidence for self-education and to understand the value of life-long learning.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- “ To become the resource of Electrical and Electronics engineering.
- “ To work in multidisciplinary areas involving core engineering and engaged.
- “ To be successful in taking leadership roles and entrepreneurial positions.

PROGRAM SPECIFIC OUTCOMES (PSOS)

- “ Apply the knowledge of mathematics, Science and electrical engineering fundamentals to solve complex problems in electrical machines, control systems, power systems and electronics.
- “ Specify, architect and analyze power systems that efficiently generate, transmit, distribute and utilize electrical power in the present context.
- “ Analyze, design & maintenance of modern electrical drives system and modern lighting system to conserve electrical energy.

MESSAGE FROM THE CHAIRMAN

We are a school that prides itself not in fostering academic excellence but also in making our learners spend at the school satisfying, fulfilling and joyous. I intend to take the JGI Group to the next level, employ more effective methods to make the students think differently and instill in them with positive attitude towards inclusive growth that benefits them and the society at large.

DR. CHENRAJ ROYCHAND
CHAIRMAN JGI
BENGALURU

**MESSAGE FROM THE PRINCIPAL**

It's my pleasure to introduce this latest issue of the JIT, EEE Newsletter. I would like to congratulate Editorial team for bringing out a beautiful and informative EEE newsletter which has showcased the various activities, events in the department, and the achievements of students and faculties. I look forward to achieve greater heights in the years to come.

DR. GANESH D B
PRINCIPAL & DIRECTOR, JIT,
DAVANAGERE

**MESSAGE FROM THE HEAD OF THE DEPARTMENT**

Welcome to the Department of Electrical and Electronics Engineering at JIT Davanagere. We started our journey in the year of 2011 with an intake of 60 students. The department has full-fledged laboratories as prescribed by VTU syllabus with modern equipment's. We have grown our expertise, competence.

Core Electrical and Electronics Engineering curriculum and research. We have a strong undergraduate program in Electrical and Electronics Engineering in B.E. We conduct many activities throughout the academic year like Workshops, Seminars, technical talks, skill enhancement programs and other co-curricular activities under the department Form "POTENZA". We are happy to bring out our department EEE newsletter, which showcases all the activities of the department. I congratulate the team for their continuous effort.

DR. SANTOSH .M. NEJAKAR
PROFESSOR & HEAD,
DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING, JITD



WORKSHOP ON EMERGING TRENDS ON ELECTRICAL CAD AND AUTOMATION

18TH JUL 2023 TO 22 JUL 2023



Department of Electrical and Electronics engineering and under forum 'Potenza' five days workshop was organised on "Emerging Trends on Electrical CADD & Automation" from 18.07.2023 to 22.07.2023 in the APJ Abdul Kalam Seminar Hall for second year students. Resource Person Mohan Kumar Naik L , CADD Engineer, CADD Centre Vidyanagar, Davangere, delivered sessions on AutoCADD Electrical Tool importance in Industrial field and its implementation. Dr. Ganesh D B Principal, JIT, appreciated and issued the certificates to the students. HOD Prof.Preetha P.S and workshop coordinator Prof. Asha G.M and all the faculty staff were present in the workshop.

ADDRESS BY THE PLACEMENT COORDINATOR

1ST AUG 2023



Dr. Prakash Walavalkar , Placement Coordinator, addressed the fourth semester students regarding the importance of the sessions being carried out in Q-Spider training being held online. Sir also explained the importance of attending Click-Campus sessions for the campus placement.

INDUCTION PROGRAM FOR FIRST YEAR STUDENTS

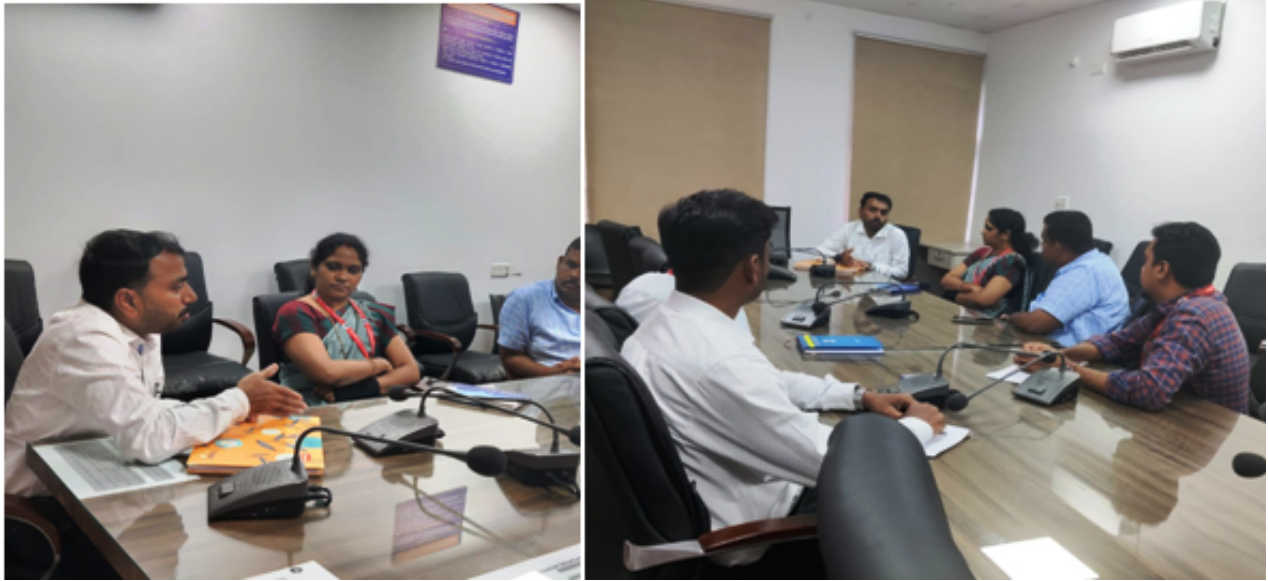
8TH SEP 2023



Prof. Marulasiddappa H.B , Associate Professor department of Electrical & Electronics Engineering, Welcomed the first year students by giving a brief Introduction about the department, Teaching & Non-Teaching Staff, facilities available in the department, Achievements made by the faculties in the filed of research and about the Alumnis and also told the students how to make use of the resources available in the Institute or department. Students were also taken to the labs and was given a small introduction regarding it.

DISCUSSION ARRANGED ON UNIVERSAL HUMAN VALUES

9TH SEP 2023



A discussion was arranged on "Universal Human Values", which is a course for 2nd year students of all the branches. Resource person Dr. Prasanna G D, Assistant professor, Department of studies in physics, Davangere University, interacted with the UHV coordinators and discussed about the concepts of UHV and suggested the coordinators to handle this course by the complete involvement. He also suggested to attend the workshops organized by AICTE to gain the stuff. On behalf of Management and Principal, we thank the resource person for his suggestions.

AWARENESS PROGRAM & DEMONSTRATION ON ENERGY CONSERVATION AND ENERGY EFFICIENCY

22ND SEP 2023

JGI JAIN INSTITUTE OF TECHNOLOGY
(A Unit of Jain Group of Institutions, Bengaluru)
Affiliated to VTU, Belagavi / Approved by AICTE, New Delhi
Recognized by Govt. of Karnataka

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
In Association with
IQAC JTD, Davangere
Sponsored by
BUREAU OF ENERGY EFFICIENCY (BEE)
Government of India, Ministry of Power
&
KARNATAKA RENEWABLE ENERGY DEVELOPMENT LIMITED (KREDL)
Government of Karnataka

AWARENESS PROGRAM, QUIZ(MCQ) & DEMONSTRATION
On
ENERGY CONSERVATION AND ENERGY EFFICIENCY
Chief Guest
Sri. Anil Kumar Nadiger
Chairman Rachana Enerecare Energy managers & Auditors
Presided by:
Dr. Ganesh D B
Principal & Director
Guest of Honour
Dr. Manjappa Sarathi
Advisor, Jain group of Institutions
Director research SCCEM Manglore
Resource Persons:
Sri. Rajeev P Nadig
EMS & IOT Consultant
Sri. Dayanand
Renewable Projects Manager
Event Coordinator Forum Coordinator H.O.D
Mr. Nandish B M Mr. Chetan H R Mrs. Preetha P S
Date : 22-09-2023 | Place : JTD Auditorium





Department of Electrical & Electronics Engineering in association with IQAC of JITD, Davangere, organized Awareness program, Quiz(MCQ) & Demonstration on Energy Conservation and Energy Efficiency. Program was sponsored by Bureau Of Energy Efficiency(BEE) Government of India, Ministry of Power & Karnataka Renewable Energy Development Limited (KREDL) Government of Karnataka.

Chief Guest Sri. Anil Kumar Nadiger Chairman Rachana Enercare Energy managers & Auditors, Resource Persons Sri Rajeev P Nadig EMS & IOT Consultant , Sri Dayanand Renewable Projects Manager , Guest of Honor Dr. Manjappa Sarathi, Advisor Jain Group of Institutions Director research SCEM Mangalore , Dr. Ganesh D B Principal & Director, head of the Department Prof. Preetha P S, Event Coordinator Prof. Nandish B M, Forum Coordinator Prof. Chetan H R inaugurated the event by lighting the lamp . All the Teaching and Non-Teaching faculty members coordinated the event. Students from 1st year & final year participated in the program.

Morning Theoretical sessions were carried out by the resource persons and Demonstrations was carried out in the afternoon session. Quiz was organised for the participants and the prizes were distributed. Lunch was provided for the participants.

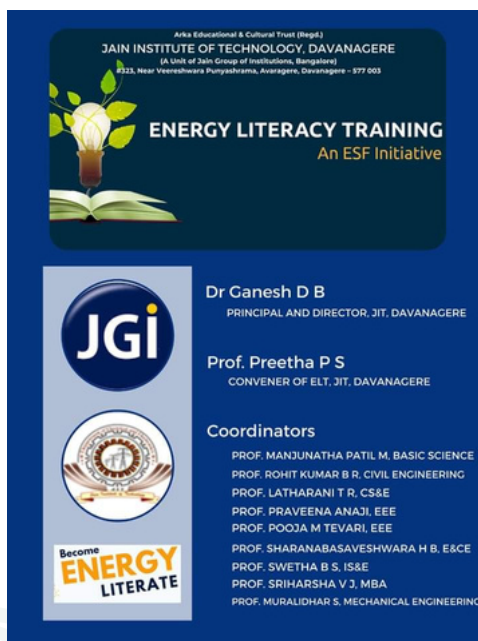


ENERGY LITERACY TRAINING

27TH SEP 2023



As per AICTE mail which is in collaboration with Energy Swaraj Foundation department of EEE is conducting Energy Literacy Training. Regarding this Prof. Pooja Tevari & Prof. Praveena Anaji as coordinators and class teachers gave the information about registration to training for all the 1st year and final year students.



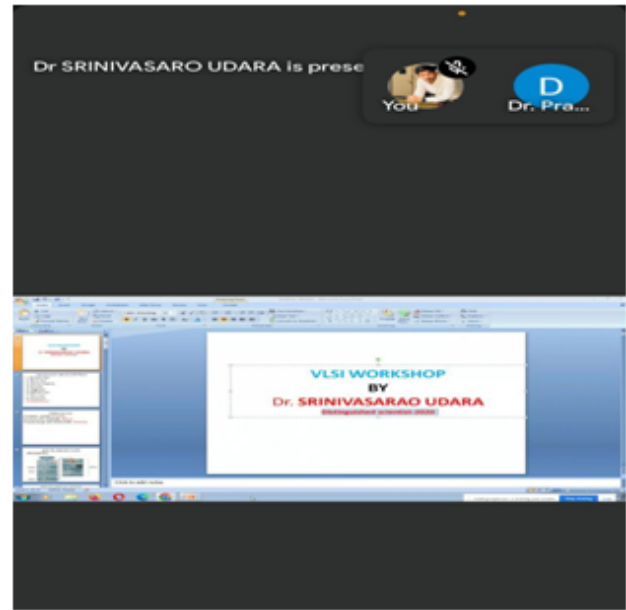
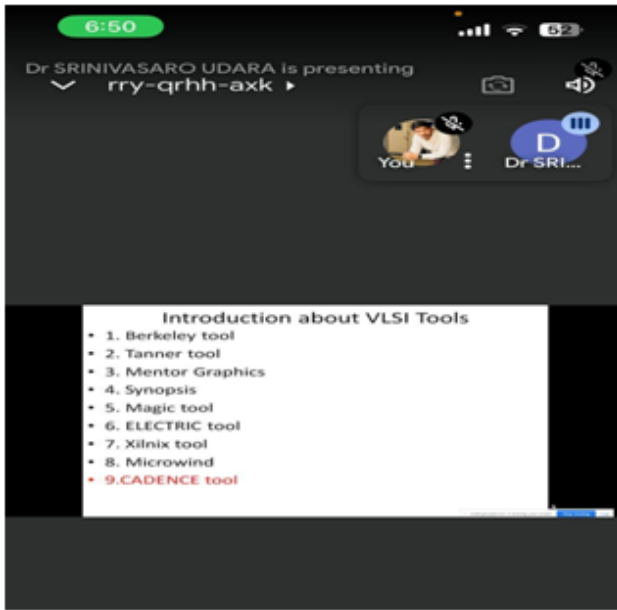
PLACED IN WISTRON
17TH OCT 2023



Final year students Afreen Taj, Varna K N, Sahana B has been placed in WISTRON company in the job fair held at Govt. Pre-University College , Municipal Grounds, Davanagere. District in charge Minister Sri. S S Mallikarjuna handed over the offer letters to the selected students. Hearty Congratulations to the students from Principal, HOD, Placement Co-ordinator, Teaching & Non-Teaching Staff.

CADENCE DRIVE PRE-PLACEMENT TRAINING

17TH OCT 2023



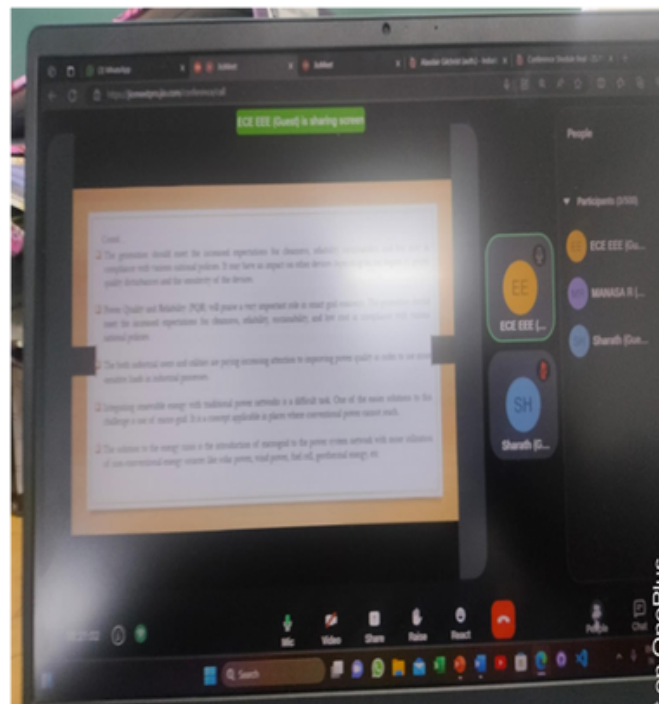
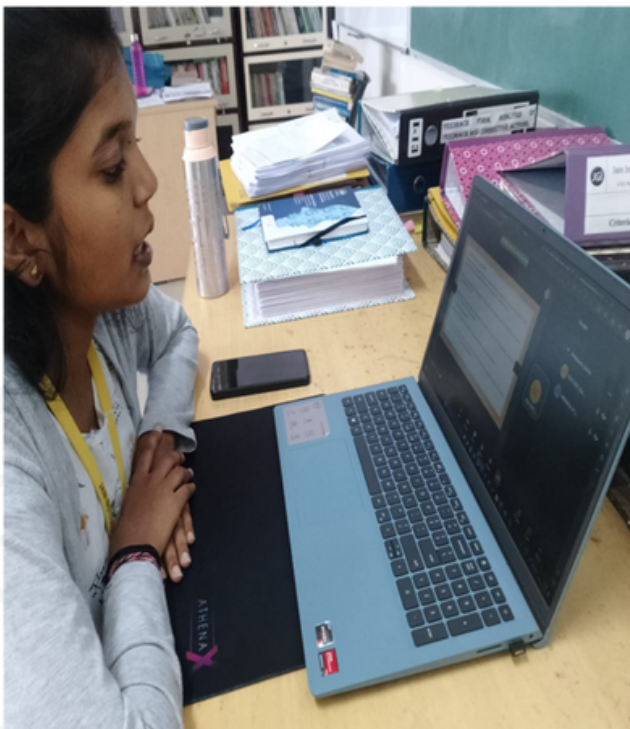
Department of Electrical & Electronics Engineering organized the three days workshop on "Cadence drive pre-placement training" has been organised for EEE & ECE students of final year in association with Placement & Training Cell. Dr. SRINIVASARAO UDARA Distinguished Scientist as a resource person is guiding the students to crack the upcoming cadence & placement drive.



Cadence Offline sessions was organised to the final year students of ECE & EEE. Hands on experience of cadence tool, tentative interview questions etc... were discussed. Dr. Srinivasarao Udara Distinguished Scientist addressed the students regarding the career opportunities in the VLSI Industry.

"IMEG CORP" PLACEMENT DRIVE**24TH NOV 2023**

Final year students of Electrical and Electronics Engineering Department Miss.Muskan, Miss.Nayana H A, Miss.Priyanka T and Mr. Gangadhar D M of are attending "IMEG Corp" placement drive at RNSIT- Bangalore. Department placement coordinator Prof. Praveena Anaji, Dean placement and training Dr. Prakash walvalkar, Head of the Department Dr. Santosh M Nejar and principal Dr. D B Ganesh Wished them all the Succes.

PAPER PRESENTATION IN NATIONAL CONFERENCE**27TH NOV 2023**

Prof. Praveena Anaji, Assistant Professor, EEE Department and Miss. Manasa R of 7th semester EEE department has presented a paper entitled " STUDY OF DIFFERENT CONTROL TECHNIQUES FOR MICROGRID WITH INTEGRATION OF DISTRIBUTED GENERATION" in National conference "Jnana Chilume" organised by Jain University Bangalore. On 27th November 2023 through ONLINE mode.

PLACED IN TECHNOLOGIES GLOBAL**14TH AUG 2023**

Srushti D of 7th semester has been selected as a Trainee Application Engineer in Technologies Global Pvt Ltd... Bangalore. The campus drive held on 14 august 2023. Hearty Congratulations on behalf of the E&E Department, College Management, Principal, HOD, Teaching and non-teaching staffs.

COMPLETED COURSE IN INFOSYS SPRING BOARD**3RD SEP 2023**

Vinay S B from I year Electrical and Electronics Engineering successfully completed course from Infosys Spring Board. Hearty Congratulations to the student of E&E Department on behalf of College Management, Principal, HOD, Teaching and non-teaching staffs.

**COMPLETED COURSE "INTRODUCTION TO CYBER SECURITY"****5TH DEC 2023**

VMiss. Amrutha R, 1st sem, H section, EEE department completed course on "introduction to cyber security" Hearty Congratulations on behalf of the E&E Department, College Management, Principal, HOD, Teaching and non-teaching staffs..

FACULTY ACHIEVEMENT**17TH OCT 2023**

Prof. Asha G M has cleared Ph.D Course Work subjects Image Processing & Machine Vision, Cryptography & Network Security and Pattern Recognition & Machine Learning with B+, A & B+ grades. Hearty Congratulations from Principal, HOD, Teaching & Non-Teaching Staff.



STUDENT'S ACHIEVEMENT

ACADEMIC TOPPERS FOURTH SEMESTER



RAHUL C S
(87.8%)



SOUNJANYA H
(86.7%)



CHINMAYEE B
(86.3%)

SIXTH SEMESTER



BHAGYA M
(86.25%)



VARUN R
(83.62%)



AYESHA NAUSHEEN
(82.5%)

EIGHTH SEMESTER



PRAJWAL N G
(91.6%)



ANJUSHREE T N
(91.4%)



VIJAYALAKSHMI S
(90.6%)



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