



Estd. 2010

Sri Bhagawan Mahaveer Jain Educational & Cultural Trust's

JAIN COLLEGE OF ENGINEERING, BELAGAVI

(Approved by AICTE, New Delhi; Recognized by Government of Karnataka & Affiliated to VTU, Belagavi)

(Accredited by NBA: Department of CSE, CVE, ECE and EEE)

IMPETUS

2025

DEPARTMENT OF

ELECTRICAL & ELECTRONICS ENGINEERING

(ACCREDITED BY NBA)



Message From Chairman

It gives me immense pleasure to appreciate the Department of Electrical and Electronics Engineering, JCE, in bringing out “IMPETUS-2025”, a departmental flagship to showcase and display the achievements, performances and hidden talents amongst students and faculty members. I place it on record the noble effort of students and faculty members in accomplishing this endeavor.

Dr. Chenraj Roychand

Message From Principal & Director

Very much pleased to learn that Department of Electrical and Electronics Engineering is bringing out “IMPETUS-2025”, in style. It is an opportunity for students and faculty members to motivate them to actively participate and contribute their skills, talents by way of their achievements/ performance in curricular and extracurricular activities. I wish all the best to the students and the faculty.

Dr. J Shivakumar

Message From HOD

Very glad to see “IMPETUS-2025”, a departmental flagship is being published in style. The immense appreciations go to the team of faculty and students, for sharing their achievements or performance in academics, co-curricular and extra-curricular fronts. All events organized, achievements are compiled, edited beautifully and showcased nicely in this edition.

Dr. Venkatratnam Chitturi

Message From Editorial Lead

Thanks to faculty and students for responding and sharing their talents for showcasing in “IMPETUS-2025”. It reflects activities organized or attended, expertise shared and outstanding achievements in curricular and co-curricular fronts. Our sincere thanks to Principal & Director and HOD, for extending their support and encouragement in bringing “IMPETUS-2025”.

Miss. Priyanka Kothavale

Mr. Yogesh Chavadi S

ABOUT THE DEPARTMENT

The department was started in the year 2010 with an intake of 60 students for undergraduate course in electrical and electronics engineering. The department has qualified and experienced faculty team to impart quality education to students and train them to acquire technical skills and right attitude. The department encourages faculty members as well as the students to organize and participate in various technical events. To promote research activities, department established research centre, recognized by VTU in the year 2014. The department is accredited by NBA.

Vision

To impart quality technical education for creating competent technocrats with moral values in the field of electrical sciences to contribute for the betterment of the society.

Mission

We facilitate students to

- Develop ability of comprehensive understanding of state of the art, knowledge in Electrical Engineering concepts.
- Take up research and carve expertise in the field of Electrical Engineering with holistic approach for contributing to nation building.
- Ingrain the sense of creative thinking, participation and team work.

Faculty Members

- Dr. Venkatratnam Chitturi, CEng (IET, UK), Professor & HOD
- Dr. Nagaraj R Aiholli, Associate Professor
- Mr. M M Marihal, M. Tech, Assistant Professor
- Mrs. Laxmi Brungi, M.Tech, Assistant Professor
- Mr. Ashok Bhajantri, M.Tech, Assistant Professor
- Mr. Nandaraja Shadlageri, M.Tech, Assistant Professor
- Mrs. Megha Sankpal, M.Tech, Assistant Professor
- Miss. Priyanka Kothavale, M.Tech, Assistant Professor
- Mr. Yogesh Chavadi, M.Tech, Assistant Professor
- Mrs. Mrugnayani Ghadi, M.Tech, Assistant Professor

STUDENT ACHIEVEMENTS

Companies Placed / Higher Studies of 2021-25 Batch Students



Department Toppers

8TH SEMESTER



Vidya Patil
97.50%



Priyanka Kadannavar
97.50%



Tanmay Tendolkar
97.50%



Vidya Patil
86.28%



Yash Javaruche
85.71%



Pooja Raut
85.4%

6TH SEMESTER



Swapnil Naik
89.39%



Shraddha Berad
88.3%



Sachin Nandaganv
86.1%



Munjannavar Soundaraya
86.1%



Swapnil Naik
82.5%



Shraddha Beard
80.1%



Sachin Nandaganvi
80%

4TH SEMESTER



Gayatri Dukare
90.5%



Laxmi Pujeri
88%



Nikhil Naik
86%



Gayatri Dukare
89.28%



Nikhil Naik
86.3%



Rameshwari Bastwadkar
83.77%

3RD SEMESTER

DEPARTMENT ACHIEVEMENTS

Memorandum of Understanding (MoU)



Renewal with GTTC, Hubballi on 5th March 2025



Renewal with HESCOM, Hubballi on 5th March 2025

Training & Faculty Development Programs (FDP)



Three Days Training Program for HESCOM Powermen
from 3rd April 2025 to 5th April 2025



A 5-day FDP on "Next-Gen Teaching: Technology Enhanced
Pedagogies for HEI's" from 1st July 2025 to 5th July 2025



A 5-day FDP on "Unlocking AI Potential for Effective Teaching & Learning in HEI's"
from 28th July 2025 to 1st August 2025.



DEPARTMENT ACHIEVEMENTS

Energy Literacy Cell



Energy Conservation at Central Reserve Police Training Center Belagavi on 23rd March 2025



Certificate for Conscious Diwali Initiative by Energy Swaraj Foundation



Students participation in #We Need Half campaign#

STUDENT PARTICIPATION

Achievements in various events like Workshops, Yukti, PRAXIS, Google Dev Fest etc.
Certificate for Conscious Diwali Initiative by Energy Swaraj Foundation Students



FACULTY ACHIEVEMENTS

International Webinar

Dr. Venkatratnam Chitturi organized International Webinar on “Revised BLOOMS TAXONOMY in line with NEP-2020” by Assoc. Prof. Ts. Dr. Satish Kumar Selvaperumal, Academic Leader, School of Engineering, Asia Pacific University of Innovation and Technology, Kuala Lumpur, Malaysia on 12th July 2025.

Publications

Dr. Venkatratnam Chitturi published paper titled “Optimization of Solar Energy Using a Dual-Axis Solar Panel Tracking and Monitoring System” in Computational Intelligence, and Smart Technologies in Solar Thermal Systems: Principles and Applications (1st ed.). CRC Press, 2025.

Link: <https://doi.org/10.1201/9781003634737>.

FDP Organised

- Mrs. Laxmi B. organized 5-day FDP on ‘Next-Gen Teaching: Technology-Enhanced Pedagogies for HEIs’ held from 1st July 2025 to 5th July 2025.
- Mr. Ashok B. organized 5-day FDP on “Unlocking AI Potential for Effective Teaching & Learning in HEI’s” from 28th July 2025 to 01st August 2025.

Certifications

- Dr. Venkatratnam , Mrs. Megha S, Miss. Priyanka K, Mr. Yogesh C, and Mrs. Mrugnayani G completed the NPTEL course on “Teaching and Learning in Engineering.”
- Mrs. Laxmi B, Mr. Nandaraja S, Mr. Ashok B completed NPTEL course on “NBA Accreditation and Teaching-Learning in Engineering.’
- Mrs. Megha S completed NPTEL course on “Introduction to Research Methodology”
- Mr. Nandaraja S & Mr. Yogesh C completed NPTEL course on “Machine Learning & Deep Learning- Fundamentals & Applications.
- Mrs. Laxmi B, Mrs. Megha S, Miss Priyanka K, Mrs. Mrugnayani G completed NPTEL course on “Making Learning through Interactive Games”.

Talks/ Sessions Organised

- Mrs. Megha S organized a guest lecture on ‘Role of PLC & HMI in Industrial Automation’ by Mrs. Renuka Thukai, Asst. Prof. SGBIT, Belagavi, on 8th March 2025.
- Mr. Ashok B organized a session on “Skill Development” on 15th March 2025.
- Miss. Priyanka K organized a session on “Placement Pathways” on 27th March 2025.
- Mr. Ashok B organized a guest lecture on ‘Communication Skills and Interview Tips’ on 23rd April 2025.
- Mr. Ashok B organized a session on “Bridge Course for Future Engineers (Diploma to Engineering Aspirants) on 14th June 2025.
- Mrs. Megha S organized a guest talk on “Achieving Excellence: The intersection of Motivation, Leadership & time Management” on 23rd August 2025.

FACULTY ACHIEVEMENTS

Invited as Resource Persons

- Dr. Venkatratnam C acted as a keynote speaker on 'Role of faculty in NEP 2020' on 30th July 2025 invited by The Institute of Engineers (India), Belagavi Local Chapter.
- Mrs. Laxmi B acted as a keynote speaker on 'Energy Conservation in Digital Age' on 28th November 2025 invited by The Institute of Engineers (India), Belagavi Local Chapter.
- Dr. Venkatratnam C, Mr. Nandaraja S and Mr. Yogesh C acted as resource persons for 5-day FDP on 'Next-Gen Teaching: Technology-Enhanced Pedagogies for HEIs' held from 1st July to 5th July 2025.
- Mr. Nandaraja S contributed to the article discussion session during the AICTE-ATAL-sponsored FDP on "Emerging Trends in AI for intelligent Management in Smart Cities."
- Dr. Venkatratnam C acted as a resource person for 'All about Projects', 'How to prepare a Project Report' and 'Inclusion of all POs for Engineering Projects'

FDPs Attended

- Mrs. Megha S attended FDP on "Challenges of Autonomous and Electric Vehicles" on Jan 27th to Feb 01st 2025
- Mr. Ashok B, Mr. Nandaraja S, Mrs. Megha S, Mr. Yogesh C, and Mrs. Mrugnayani G attended a 3-day offline FDP on 'Universal Human Values' held from 3rd to 5th February 2025 at JCE, Belagavi.
- Dr. Venkatratnam C, Mrs. Laxmi B, Mr. Ashok B, Mr. Nandaraja S, Miss. Priyanka K, Mr. Megha S., Mr. Yogesh C attended the FDP on Research Methodology on 12 June 2025.
- Mr. Ashok B attended the 2-day National Symposium on "Emerging Trends in Sustainable Mobility & Transportation – 2025" held during 8th to 9th May 2025 at BVB College of Engineering & Tech, Hubli, Karnataka.
- Mrs. Laxmi B attended the 6-day FDP on "Advances in Electrical Vehicles & Sustainable Energy Systems: Strategies, AI Applications & Future Directions" held from 18th to 22th August 2025.
- Mr. Yogesh C & Mrs. Megha S attended 6-day FDP on "AI-assisted Integration of Renewable Energy Sources into EV Charging Networks at held from 18 to 23 August 2025.
- Mrs. Laxmi B attended FDP on "Additive Manufacturing for Sustainable Applications" held from 18 to 22 August 2025. Mr. Yogesh C. attended 2- Week FDP on "AutoCAD (EEE)" organized by SkillDzire.

Talks/ Sessions Attended

- Dr. Venkatratnam C, Mrs. Laxmi B, Mr. Ashok B, Mr. Nandaraja S, Mrs. Megha S, Miss. Priyanka K, Mr. Yogesh C and Mrs. Mrugnayani G attended a workshop on "Modern Tools in Technical Paper Writing" on 6th March 2025 at JCE, Belagavi.
- Mr. Ashok B, Mrs. Megha S, Mr. Yogesh C, and Mrs. Mrugnayani G attended a session of the "Toastmaster Centenary Club" on 23 June 2025.

Competitions



“Elite 2K-25” Science day on 28th February 2025



Odyssey Department Decoration on SDG’s 12th April 2025



3 Minutes Project Presentation Competition on 8th December 2025

Posters / Projects Exhibition



Implementation of all POs to Student Projects on 18th September 2025



Kagada Poster Competition on 2nd December 2025



Biology for Engineers poster presentation on 26th April 2025



Electrical motors and Op-amp LIC project exhibition on 22nd May 2025

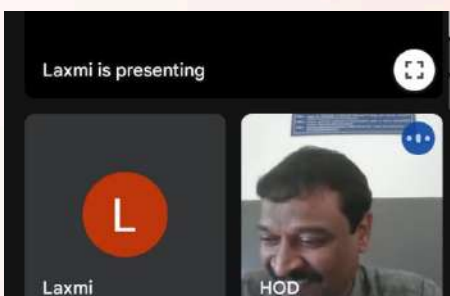


Indian Knowledge System poster presentation on 31st May 2025



Avinya 2025 project exhibition on 2nd December 2025

Parent Teacher Meet



Parent Teacher meet [online mode] on 26th January 2025



Parent Teacher meet [offline mode] on 26th April 2025



Parent Teacher meet [online mode] on 15th August 2025

Workshops



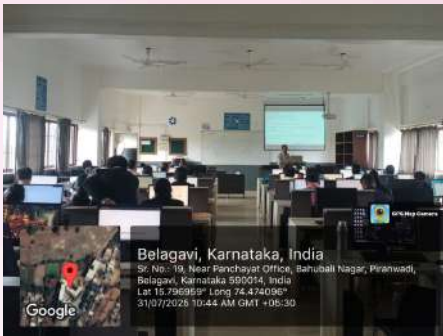
Modern tools for technical paper writing on 6th March 2025



Understanding Sensors and Actuators Using Arduino Uno from 21st to 25th April 2025



Next-Gen Teaching: Technology Enhanced Pedagogies for HEI's from 1st July 2025 to 5th July 2025.



Unlocking AI Potential for Effective Teaching & Learning in HEI's from 28th July 2025 to 01st August 2025



Revised BLOOM'S TAXONOMY in line with NEP-2020 on 12th July 2025



Automation with PLC's from 14th to 17th November 2025

Guest Lectures



Role of PLC & HMI in Industrial Automation on 8th March 2025



JCE Library E-Resources on 28th March 2025



To Know Drillbit on 23rd July 2025



Achieving Excellence: Intersection of Motivation, Leadership, and Time Management on 23rd August 2025



Awareness on KSCST Project Guidelines on 25th August 2025



Project Funding & Patent Filing on 9th September 2025

Invited Talks



“Rural Electrification”
on 15th September 2025

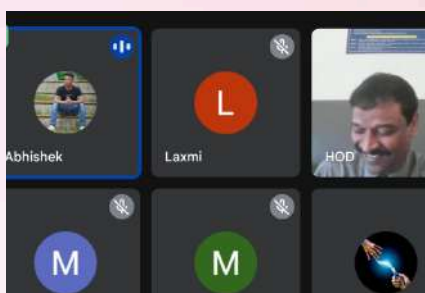


“Bridging Novelty, Patentability
and Research Publications”
on 9th October 2025



“Begin with an Entrepreneurial Mindset”
on 18th November 2025.

Alumni Engagement



Alumni meet in online mode
on 26th January 2025.



Career opportunities for 6th
on 18th March 2025



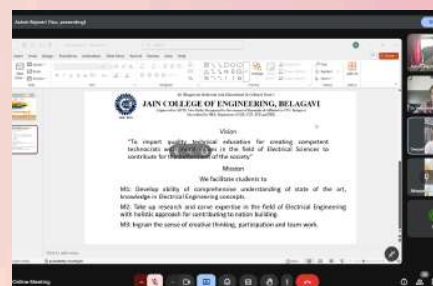
Placement Pathways
on 27th March 2025



Alumni meet “Sangama”
on 19th April 2025



Alumni Interaction
on 30th October 2025



Alumni meet [online mode]
on 15th August 2025

Industrial Visits



220 KV Switching Station, Kanabargi
on 20th April 2025



220 KV Switching Station, Kanabargi
on 11th October 2025



220 KV Substation, Hindalco
on 30th October 2025

Skill Development Program Series



Skill Development
on 15th March 2025



Interview Tips
on 23rd April 2025



Aptitude Session Series from
21st April 2025 to 26th April 2025



Group Discussion
on 6th August 2025



Communication Skills
on 26th August 2025



Build Your CV
on 25th September 2025

Sports



Court Warriors
on 29th March 2025



Tug of War Winners
on 14th November 2025



Chess Tournament
on 29th November 2025

Other Events



Session on About Project Report
Writing on 19th November 2025



ECO Village Gokuldham Visit
on 17th November 2025



Training on Python for EEE
from 1st September to 29th November
2025

Company Visit / Academic Audits



Visited Companies like K.P.T.C.L,
Nasu Controls, M.S. Automation
on 22nd April 2025



External Academic Audit by
Dr. Suppana and Mr. Chetan
on 14th October 2025



External Academic Audit by
Dr. Raiker
on 5th December 2025

Celebrations



Women's Day Celebration
on 8th March 2025



Flavors together Department lunch
on 13th June 2025



"Adios" Graduation day
on 16th June 2025

In News



ಮಜ್ಜೆ ಜೈನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಈಚೆಗೆ ರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದ 'ಮೂರು ನಿಮಿಷದ ಪ್ರಾಜೆಕ್ಟ್' ಸ್ಪರ್ಧೆಯ ಉದ್ಘಾಟನೆ ಜರುಗಿತು. ಸಿ.ಬಿ.ಹಿರೇಮಠ, ಡಾ.ಜಿ. ಶಿವಕುಮಾರ, ವೆಂಕಟರಮಣ ಚಿಟ್ಟೂರಿ, ವಿಲಾಸ ಬದಾಮಿ, ಬಿ.ಜಿ.ಧರಣ್ ಇತರರಿದ್ದರು.

ಪ್ರಾಯೋಗಿಕ ಅಧ್ಯಯನ ಸಹಕಾರಿ

ಬೆಳಗಾವಿ: ವಿದ್ಯಾರ್ಥಿಗಳ ಅಧ್ಯಯನ ನಿರಂತರವಾಗಿರಬೇಕು. ಪ್ರಾಯೋಗಿಕ ಅಧ್ಯಯನದಿಂದ ವಿಷಯ ಅರ್ಥ ಮಾಡಿಕೊಳ್ಳಲು ಸಹಕಾರಿ ಎಂದು ನಗರದ ಐಇಐ ಚೇರ್ಮನ್‌ರಾದ ಸಿ.ಬಿ.ಹಿರೇಮಠ ಅಭಿಪ್ರಾಯಪಟ್ಟರು. ತಾಲೂಕಿನ ಮಜ್ಜೆಯ ಜೈನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಈಚೆಗೆ ದಿ ಇನ್ಸ್ಟಿಟ್ಯೂಷನ್ ಆಫ್ ಇಂಜಿನಿಯರ್ಸ್ ಸ್ಥಾನಿಕ ಸಂಸ್ಥೆ ಸಹಯೋಗದಲ್ಲಿ ಆಯೋಜಿಸಿದ್ದ ರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದ 'ಮೂರು ನಿಮಿಷದ ಪ್ರಾಜೆಕ್ಟ್' ಸ್ಪರ್ಧೆ ಉದ್ಘಾಟನೆ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಅವರು ಮಾತನಾಡಿ, ಮೂರು ನಿಮಿಷದಲ್ಲಿ ಯೋಜನೆ ವಿವರಣೆ ನೀಡುವ ಇಂತಹ ಸ್ಪರ್ಧೆ ಏರ್ಪಡಿಸಿರುವುದು ಶ್ಲಾಘನೀಯ ಎಂದರು. ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ ಪ್ರಾಚಾರ್ಯ ಡಾ.ಜಿ.ಶಿವಕುಮಾರ ಮಾತನಾಡಿದರು. ರಾಜ್ಯ ಸೇರಿದಂತೆ ಅಂದ್ರಪ್ರದೇಶ, ಮಹಾರಾಷ್ಟ್ರ ಹಾಗೂ ಓಡಿಶಾ ರಾಜ್ಯಗಳ ಸುಮಾರು 90 ತಂಡಗಳು ಭಾಗವಹಿಸಿದ್ದವು. ವೆಂಕಟರಮಣ ಚಿಟ್ಟೂರಿ, ವಿಲಾಸ ಬದಾಮಿ, ಬಿ.ಜಿ.ಧರಣ್ ಇತರರಿದ್ದರು.



"NAVYA " Freshers day
on 27th September 2025



Ayudha Pooja
on 1st October 2025

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