

Sri Bhagawan Mahaveer Jain Educational & Cultural Trust's



Jain College of Engineering (JCE), Belagavi

(Approved by AICTE, Recognised by Government of Karnataka & Affiliated to VTU)



KARNATAKA RAJYOTSAVA CELEBRATION ON 1st NOVEMBER 2023

JCE BGM REFLECTIONS

Courses Offered: B.E., M.Tech, MBA, MCA

Vision

To be a university as a resource of solutions to diverse challenges of society by nurturing innovation, research & entrepreneurship through value based education.

Mission

- To provide a work culture that facilitates an effective teaching-learning process and lifelong learning skills.
- To promote innovation, collaboration and leadership through best practices.
- To foster industry-institute interaction resulting in entrepreneurship skills and employment opportunities.

Core Values

- Accountability
- Continuous learning
- Competency
- Team Work
- Holistic Development
- Societal Responsibility

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Message from Principal



The current issue of JCE BGM - Reflections will take readers into the information of activities and outstanding achievements of our students, faculty and staff members for the session Oct. 2023 to Dec.2023. The current session has witnessed many activities in curricular, co-curricular or extracurricular events all from the perspective of overall growth of its students and faculty. Like last year, this year too, new office bearers of Student Engagement Cell were selected. Many other activities like formation of different student clubs were promoted to bring like minded individuals together to enhance their interpersonal skills and foster their team spirit. JCE, joined eco-friendly initiative of IIT Bombay-Energy Swaraj Abhiyan and secured Golden Certificate of appreciation for making 1000+ people Energy Literate.

Internship activities carried out both with external as well as internal resources resulted in publication of Patents, Journal/Conference publications. Sports for faculty and students were organized under Fit India Week celebration from 15th to 25th December 2023.

Experts from industry and academia visited campus during this session and interacted with students and faculty. The continued excellence of our students in academics is again reflected in achieving good grades in the VTU examinations of session 2022-23. We congratulate all the faculty, staff and students who have contributed for the successful publication of this issue of newsletter.

Dr. J. Shivakumar
Principal & Director

Editor's Speak



Happy New Year 2024. New Year wishes to all the readers from the editorial team. The readers will witness lots of events in the present issue. JCE celebrated Karnataka Rajyotsava on 1st November 2023. National Mathematics Day was celebrated on 22nd December 2023. JCE had an interactive session by Dr. BHM Daruksha, Associate Director of ISRO, Bengaluru on 22nd December 2023. He appreciated the students and faculty of JCE for positively interacting and asking relevant and valuable queries. Kannada Sambrama Teaser launch was done on 23rd December 2023. Overall this year we all witnessed lots of valuable student-centric activities. As we bid goodbye to this 2023, let us reflect on all that happened and hope to be a better human being and work towards the betterment of society.

Dr. S. Rohitraj
Professor, HOD - MBA



This quarter began with Ayudha Pooja and marked the festival of Dasara. We began with 1st Year Engineering, the inauguration of the Student Engagement Cell, Energy Literacy Cell, activities, events, industrial and site visits, and placement opportunities for the students. Industry experts visited the campus for sessions. There was excellent performance from the students in academics, college events, and also in placements.

Prof. Faiz Raut
Asst. Prof MBA

Principal's Diary

- 1.Participated as Rapporteur in All India University South zone Vice Chancellor's conclave held at Visveswaraya Technological University (VTU), Belagavi on 26th & 27th October 2023.
- 2.Invited as Chief guest for the Inaugural program of "One-month induction training program for water resource engineers recruited by Govt. of Karnataka" conducted by Water and Land Management Institute (WALMI), Dharawar on 20th November 2023.
- 3.Participated as a member in CII Hubli-Dharwad & Belagavi Learning Mission to Indian Institute of Technology, Dharawad on 29th November 2023.
- 4.Attended VTU Sports and Cultural Committee meeting held at Visveswaraya Technological University (VTU), Belagavi on
- 5.Attended the Board of Examiners (BOE) meeting held at Visveswaraya Technological University (VTU), Belagavi on 20th December 2023.
- 6.Invited as Expert Committee Member of Board of Studies in Engineering Design discipline of G.M. University, Davanagere on 23rd December 2023.

5 days BIS Quality Connect Campaign 4.0



Students were given awareness sessions from 12th to 16th October 2023 about the quality aspects of different products.

Ayudh Pooja Celebration



On the occasion of Vijaya Dashami, Ayudh Pooja was organized on 21st October 2023.

Writing Competition



The BIS Club Standard writing competition was conducted with the participation of 30 students on 17th November 2023. The Resource Person was Ms. Snehal Raymane from Bureau of Indian Standards (BIS).

Site Visit (Study Tour)



Students visited Mamadapur Multi Village Scheme, Gokak on 26th November 2023 and studied the process of water treatment plant.

Students visited Hidakal Dam on 26th November 2023 and studied the components of dams.

Industrial Visit



Final Year Students visited S N Industries and Kunjal Steel Industries on 20th December 2023. Students understood steel structures and sections, industrial roof trusses, and working of industrial gantry girders.

Workshop on E-Resources



Awareness program was conducted for the final year students for their project work on "The importance and utilization of E-resources" in collaboration with JCE Library on 23rd December 2023

Samruddha Foundation



Final year students visited Samruddha Foundation on 21st November 2023. Ms. Roja Sandimani was felicitated by North MLA Raju Sait for volunteering as Scribe for Blind Students of Samruddha Foundation.

Poster Competition



On 25th November 2023, students presented “Comparative Analysis of Leaf Disease Datasets and Identification methods for application in Precision Agriculture for Commercial Grass Crops” under the guidance of Dr. Uttam Patil & Prof Mayur Jartarkar.

Outdoor Sports



Sports events were organised for the students on 12th & 13th December 2023 to keep them physically active. The events included Throw ball, Tug of war, Volleyball, Lagori, and Cricket.

Christmas event



5th sem students had organised a Christmas event in Anmol Tangudhama in Santi Bastwad on 25th December 2023. It is an orphanage which provides shelter to 45 children.

MCA @ JCE

Inauguration of Internship Program



Under the Banner of Dept. of MCA & Skill Lab, Internship Program was inaugurated for the 3rd Sem MCA students on 6th November 2023.

Technical Talk



In collaboration with ISTE, a Technical Talk on Unveiling the Power of Generative AI was organised on 19th December 2023. The Resource person was Ms. Chetana Sarang, Founder & CEO of Dattamsh Edtech LLP.

Musical Concert



On the occasion of Ayudh Pooja, a musical concert was organized on 21st October 2023 under “The Institute of Engineers (India) students’ chapter”. Artist Mrs. Roopa Vastrad performed on the stage.

Project Phase 1 – A Roadmap



A session on “Importance of project work” was organised for the 7th Sem students under the aegis, TESLA, and The Institute of Engineers (India) students’ chapter on 13th December 2023.

Energy Conservation Day



On 14th December 2023, National Energy Conservation Day was celebrated.

Rangoli Competition



On 15th December 2023, Rangoli Competition was organised.

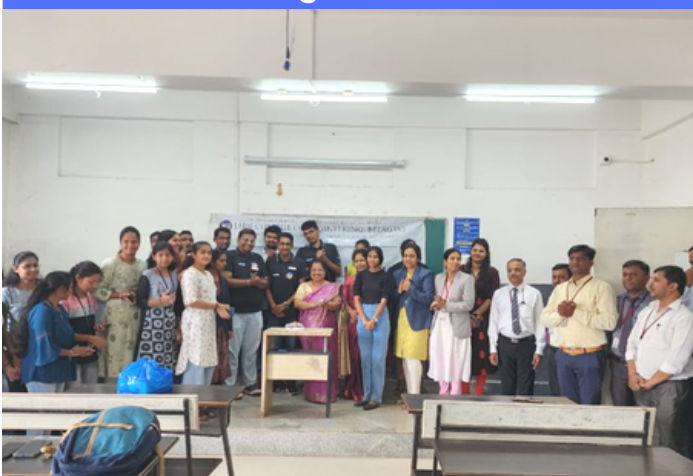
Parent’s Teacher’s Meet (PTM)



A meeting of parents and teachers was organised on 22nd December 2023.

Electronics & Communication Engineering

IEEE Day Celebration



On the occasion of IEEE Day, an awareness program was organised on 4th October 2023 for the students to make them aware of the benefits of IEEE membership.

New Age Entrepreneurship



A session on entrepreneurship was organised on 6th October 2023 for the students to motivate them about entrepreneurship. The resource person was Ms. Chetana Sarang, Founder & CEO of Dattamsh Edtech LLP.

Atal Tinkering Lab



One day hands-on Training & Workshop on “Aurdino Uno & it's Applications” at Divine Providence School was organised on 1st Dec 2023 under TEDx Club. The Resource people were Prof. Vinaykumar Bagali and Prof. Basavraj Chougula from EC Dept.

Career in the Indian Coast Guard



Students of 5th sem E&C have participated and secured 3rd place in KLEIT Advitiya'23 - National level technical fest (24hr Hackathon) held at KLEIT Hubballi on 11th and 12th December 2023.

Mechanical Engineering

Awareness on DCET Counseling



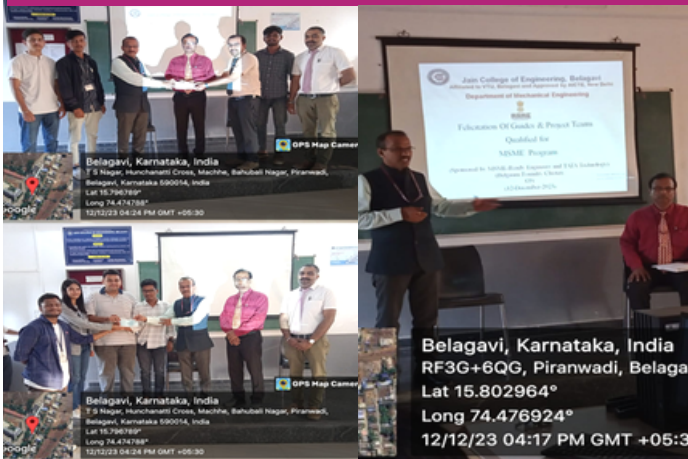
On 6th October 2023, An Awareness Program on DCET Counseling was organised for diploma-passed students and Career Opportunities for BE Students was held.

Modelling and Design for Manufacturing



A Three Day FDP from 6th to 9th November 2023 was organised on the topic “Introduction to Modelling and Design for Manufacturing” using AUTO CAAD FUSION 360". Dr. Prasath Vijaykumar from AUTODESK was the Resource Person.

Felicitations of Guides and Project Teams



Guides and Project teams were felicitated for their qualification into MSME Program on 12th December 2023. The projects were sponsored by MSME – Ready Engineer and Tata Technology, Belgaum Foundry Cluster.

Quiz Competition



The quiz competition was conducted by Bureau of Indian Standards held on 15th December 2023, for the club members of BIS ME club (SC-5222).

Ayudh Pooja Celebration



On the occasion of Dasara festival, Ayudh pooja was conducted in department on 21st October 2023.

Sessions for Diploma students



Prof. Radhika Anvekar, Prof. Vaibhav Veeragoudar & Prof. Faiz Raut were the resource people for the Diploma sessions on personality development from 10th to 17th November 2023.

Soft Skills & LinkedIn session



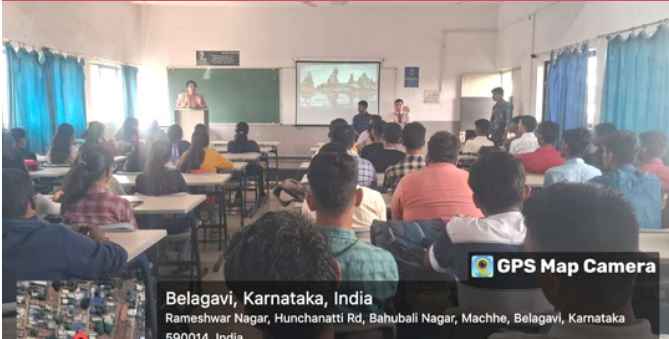
Dr. Uma MH, Prof. Radhika Anvekar & Prof. Faiz Raut were the resource people for the sessions related to communication skills and the LinkedIn Learning platform for the 1st Year Engineering students from 20th Nov to 25th Nov 2023.

Entrepreneurship & Innovation



A session on Entrepreneurship and Innovation as career opportunity was conducted by the MBA dept. for the students on 29th November 2023. The Resource person was Mr. Abhishek Jakkannavar, Founder & CEO of BrightBee.

Entrepreneurial Story



A session on Entrepreneurial story was conducted by the MBA dept. for the students on 1st December 2023. The Resource person was Mr. Sharad Patil who is an entrepreneur.

Career in Financial Sector



On 21st December 2023, a session on “Career in the Banking, Finance and Accounting Sector” was organised for MBA students. The Resource people were Mr. Shankarnaryana Rao & Dr. Srivatsa.

Session on Capital Markets



A Session on Investments in Capital Markets and Mutual Funds with an Introduction to Asset Management Companies was conducted on 22nd December 2023. The Resource person was Dr. Balaji Rao DG, Co-Founder & Director of OSAT Knowledge Pvt. Ltd.

Smart Bazaar Visit



A Store visit was organised to Reliance Smart Bazaar, Belagavi for the MBA Marketing specialisation students on 30th December 2023 to give students exposure to logistics and merchandizing in a supermarket.

Parent's Teacher's Meeting (PTM)



On 25th November 2023 for the 1st Year Engineering students Parent's Teacher's meeting was organised. Parents were informed about their ward's performance. Parents gave a good feedback about the meeting.

National Mathematics Day



On 22nd December 2023, National Mathematics Day was celebrated to commemorate the birth anniversary of the genius Srinivasa Ramanujan (Indian Mathematician). The Chief guest was Dr. Raviraj Kulkarni, Professor, KLS-GIT, Belagavi.

Research & Development Cell

Internship



R&D Cell in association with Skill Development Cell has conducted a 1-month Internship-II program in the College from 25th October to 25th November 2023 in two categories namely 'Research & Innovation through JCE R&D Cell' and 'Societal Innovation through Comedkares'.

Chandrayaan-3: A success story



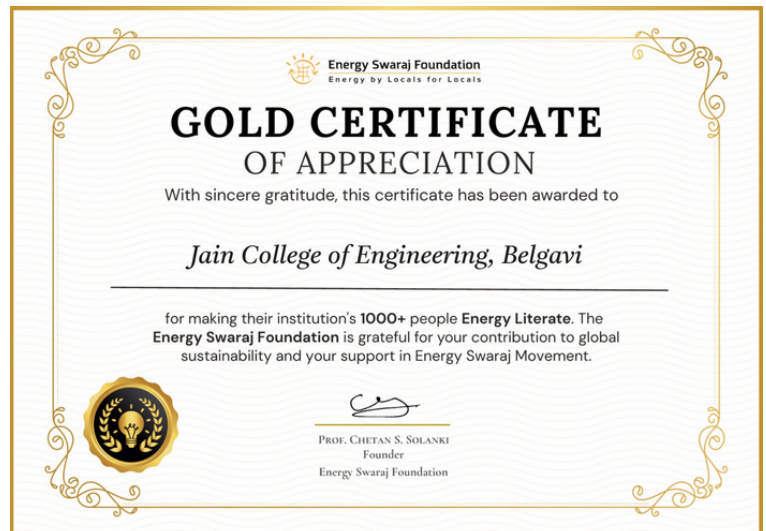
JCE in association with R&D Cell and IIC, organized an interactive session on 22nd December 2023 with Dr. BHM Darukeshu, Associate Director of ISRO, Bengaluru. He shared the key findings and challenges that were encountered in India's prestigious moon mission - Chandrayaan-3, with the faculty and students.

Institutional Achievements

Patent's Filed

Sl. No.	Date	Title	Dept	First Inventor
1	21-08-2023	Hydropower Generation Through Treated Sewage	CE	Dr. Sanjeev Sangani
2	18-08-2023	Vermicomposting of Sugarcane Trash	CE	Dr. Sanjeev Sangani
3	18-08-2023	IOT System Enabling Wireless Projection of Digital Medium Using Smartphones and Projectors	CSE	Dr. Mayur. J
4	11-08-2023	Composition of Lime Mortar Using Additional Natural Admixtures like Haritaki Fruit (Terminalia Chebula) and Jaggery	CE	Dr. Sanjeev Sangani
5	11-08-2023	Novel Hybrid Thermal Management System (Combination of Phase Change Material and Heat Sink) for Li-Ion Battery Temperature Regulation and Fire Hazard Safety	ME	Dr. Sreedhar Babu
6	08-06-2023	A Design & Implementation of a Portable Pocket Switch	ECE	Prof. Ashwini Araballi
7	28-12-2022	Diabetic Retinopathy Detecting Robot Using Machine Learning	ECE	Dr. Salma Shahpur
8	11-12-2023	Instant Paneer Making Machine	ECE	Dr. Salma Shahpur
9	09-12-2023	Suicide Prevention and Manual Cleaning/Maintenance Ceiling Fan	ECE	Dr. Salma Shahpur
10	09-12-2023	Advanced Pet Safety Collar Integrating Torch Module, Pet Identification, and Anti-Theft Mechanism	ECE	Dr. Salma Shahpur

ELT Golden Certificate



SEC Office Bearers for the academic year 2023-24

Sl.No	Position	Name	Semester	Department
1	President	Mr. Pramod Kadam	7 th	Electronics & Communication Engineering
2	Secretary	Mr. Siddeshwar Kori	7 th	Electrical & Electronics Engineering
3	Treasurer	Mr. Prajwal Palled	7 th	Electronics & Communication Engineering
4	Vice President	Mr. Mallikarjun Kulloli	5 th	Computer Science Engineering
5	Joint Secretary	Mr. Shritej Sawant	5 th	Civil Engineering

DEEPOSTAV - Fine Arts Club



On the occasion of Diwali, an event titled “Deepostav” was organised by Meraki- Fine Arts Club on 10th November 2023. Students made diyas and sold them on campus and donated the amount to charity.

Debate Competition- Orators Club



Orators club conducted a Debate competition on Igniting “India's Journey to 2047: A Vision of Developed India” on 11th November 2023.

Viksit Bharat



On 11th December 2023, a live telecast was arranged in Sir. MV Hall in JCE for the students and faculty members. Honourable PM addressed his vision and objectives for Viksit Bharat.

FIT INDIA WEEK - Sports Club



On the occasion of the National Sports Day, Fit India week was celebrated from 21st to 27th November 2023. This was organised to Encourage students and faculty members to do Physical Activity and Sports in their Everyday Lives.

Elocution Competition - Orators Club



Orators Club conducted an Elocution competition on Bhartiya Bhasha Diwas on 16th December 2023 to portray India’s linguistic diversity.

Ek Bharat Shreshtha Bharat



Meraki-The Fine Arts Club organized an event celebrating Matrubhasha Divas through a painting and sketching event on 16th December 2023 to raise awareness about the importance of Indian languages.

UHV Cell - Session on Inner Engineering



A talk on “Awareness about Inner Engineering and How to succeed in Education” was organised on 20th October 2023. The Resource Person was Smruthi S (Yoga teacher from ISHA Foundation).

Movie Promotion



The team of ‘Ardham Bardha Prema Kathe’ visited the JCE campus to promote their upcoming movie on 16th November 2023. The Actor and his team thanked JCE Management & Principal for their support and co-operation.

Orientation Program - GATE Exam



An Orientation Program on the GATE exam was organised on 28th Nov 2023. Dr. Sushant Mutagekar from IIT Madras was the resource person. The session was for preparation for the GATE exam and placements in Govt/MNCs etc.

Awareness session for budding entrepreneurs



Mr. Karthik R, Assistant Director, MSME-DFO, Hubballi, GoI visited on 7th December 2023. The session was to make the students aware of the various Govt. schemes available for entrepreneurs and business people.

Teaser Launch of Kannada Sambrama



JCE Office Team Inaugurated the teaser launch of Kannada Sambrama on 23rd December 2023. Dr. Shreedhar Babu was the chief guest of the event.

Shantai Vrudhashram visit



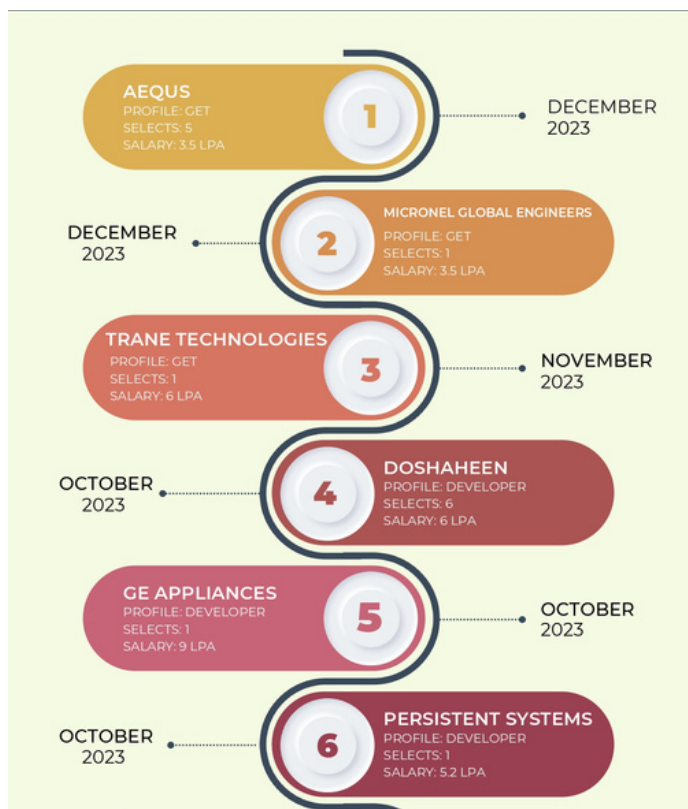
JCE NSS & JCE MBA students visited Shantai Vrudhashram on the occasion of inauguration of Women’s B-wing on 28th December 2023.

Faculty Achievements

1. Dr. J Shivkumar, Dr. Praveen Chitti, Dr. Uttam Patil, Dr. Sanjeev Sangami, and Dr. S Rohitraj are appointed as BOE-VTU in December 2023.
2. Dr. Nityanand Kudachimath was Invited as a Resource person for the Webinar on “ Indian Highways in 2023” On 10th Nov 2023 held at KLE Polytechnic Mahalingpur.
3. Prof. Amey Kelkar & and Dr. Nityanand S. Kudachimath attended 5 days of STTP on BIM and modern Construction practices from 18th Dec to 22nd Dec 2023.
4. Prof. Varun Jewargi published a paper titled “The Influence of E-Shopping and Brand Loyalty on Purchase Intention of Skincare Products: A Case study in North Karnataka Region during COVID-19.
5. Prof. Basavaraj Chougula & and Prof. Vinayakumar Bagli have completed the Skill Development Training Program on “Internet of Things –Phase III” from 18/01/2023 to 25/02/2023 and scored above 75% in the final assessment under the joint venture of ISTE & BNY Mellon.
6. Dr. Vidya Dandagi was a session chair for IEEE NKCon-2023 Flagship International Conference of IEEE North Karnataka Subsection in association with IEEE Bangalore Section hosted by KLE Technological University, Belagavi during 19th & 20th November 2023.
7. Dr. Sanjeev Sangami was Invited as a Resource person for “Basic induction training on irrigation management to newly recruited Engineers in the water resources department” on 12th December 2023.
8. Dr. Sanjeev Sangami was Invited as an Expert committee member for a meeting about the CITIIS 2.0 Program launched by MoHUA New Delhi on 19th Dec 2023.
9. Dr. Vidya Dandagi was the reviewer for IEEE's first International Conference on Ambient Intelligence, Knowledge Informatics, and Industrial Electronics organised by Rao Bahadur Y. Mahabaleshwarappa Engineering College, Ballari, 02-03 November 2023.
10. Prof. Shashank U. Vanakudari Has Published Journal Paper “Detail Assessment On G+3 Existing Residential Structure For Repair And Rehabilitation”, “Analysis Of Industrial Steel Structures With 2D and 3D Models By Using Staad Pro”, “Integration Of Bim Technology And Lean Concept In Construction Project”, “Cost And Time Optimization With Line Of Balance Using Microsoft Project And Primavera P6 In Mivan Technology” “Comparative Study Of A Conventional Building And Green Building” & “Models For Predicting Mechanical Properties Of OPC & Fly Ash Concrete” In International Research Journal Of Modernization In Engineering Technology And Science Volume:05/Issue:09/September-2023.
11. Rajshekhar V Unni & M Sreedhar Babu published “Effect of through slots and dwarf finned heat sinks on electronic cooling load” in Recent Trends in Mechanical Engineering, pp. 507-516, Springer Publication, 8th June, 2023. A selected paper from PRIME – 2021, NIT Patna, India.
12. Dr. M. Sreedhar Babu has completed the NPTEL FDP program on "Brief Introduction to Psychology", held from July-Sept. 2023.
13. Dr. S Rohitraj completed the NISM (Mutual Fund) certification examination in December 2023.
14. Dr. J Shivakumar completed the course " Understanding Incubation Entrepreneurship".
15. Dr. Rajashekhargouda C Patil completed the course "Educational Leadership, Ethics in Engineering"
16. Dr. M Sreedhar Babu completed the course "Brief Introduction to Psychology"
17. Prof. Deepali V Patil completed the course " Joy of Computing using Python"
18. Dr. Uttam Patil, Prof. Ashwini Araballi, Prof. Basavaraj Chougala, and Prof. Vinayak Ratan completed the course "Python for Data Science"
19. Prof. Gourang D. Naik completed the course " VLSI Design Flow: RTL to GDS"
20. Dr. Ryan Dias completed the course "Introduction to Machine Learning"
21. Prof. Priyanka Shinde completed the course " Earth Sciences for Civil Engineering"

Student Placements & Achievements

Placements



Achievements

1. Mr. Shubham R. Patil, Mr. Sahil Lohar, Mr. Siddharth Pawar & Mr. Prasad Dadder under the guidance of Dr. Shreedhar Babu received appreciation for the Poster Presentation at the International Conference on Material for sustainable energy, environment, and health (ICMSEEH) – 2023 organised by Pandit Deendayal Energy University (PDEU), Gandhinagar, Gujarat, India.
2. JCE Team consisting of Sohan Sattigeri, Kenneth Shinde, Ritesh Sungar, and Prem Jituri won 3rd place in the National level 24-hour Cybersecurity Hackathon held at MIT Mysore on 23rd and 24th November 2023.
3. Shubham Patil won The First Prize In The Paper Presentation Held At JCER, Belagavi.
4. Mr. Zeeshan (Alumni, ME, JCE) participated in the Speak for India, Karnataka Edition 2023-24 and successfully cleared the first round and progressed to the second round of the competition.
5. Avishkar Yallurkar, Atharva Subhedar, Hiren Patel, and Harshvardhan won the first prize in the Hack verse event at SAVISHKAR.
6. Kapil D Gurav, Prajwal Gurlhosur, Pranav P Thorushe & Sejal Sanjay Kundekar under the guidance of Prof. Shweta Mugaliwal won first prize in yukti Project idea competition.

