



# SECOND INTERNATIONAL CONFERENCE ON INNOVATIVE TRENDS IN ENGINEERING AND TECHNOLOGY

## ABOUT THE COLLEGE

KJCOEMR was established in the year 2009. We offer four year full time degree course in 'Bachelor of Engineering' with specialization in Civil, Computer, Electrical, Electronics and Telecommunication, and Mechanical Engineering and four post graduate courses in Computer Engineering, Computer Networks, Structural Engineering, and Design Engineering. The college is under Academic Mentorship of COEP and accredited by NAAC. The college is approved by AICTE, DTE, Govt. of Maharashtra and is affiliated to Savitribai Phule Pune University, Pune.

The institute was founded with the noble vision of producing professionals and leaders of high academic caliber capable of facing the challenges posed by advancing technology and emerging knowledge areas. Our goal is to professionally prepare students and instill in them strong motivation and commitment to serve humanity. Established in 2009, KJCOEMR offers a four-year full-time Bachelor of Engineering degree with specializations in Civil (60), Computer (180), Electrical (60), Electronics & Telecommunication Engineering (60), Electronics & Communication (Advanced Communication Technology) (60), Electronics Engineering (VLSI Design & Technology) (60), and Mechanical Engineering (90). Additionally, we provide four postgraduate courses in Computer Engineering (12), Computer Networks (12), Civil-Structural Engineering (24), and Mechanical-Design Engineering (12). The College is approved by AICTE & DTE, Govt. of Maharashtra, and is affiliated with Savitribai Phule Pune University, Pune.

Our modern state-of-the-art infrastructure and facilities are developed to create a conducive atmosphere for teaching, learning, and all-round student development. To achieve our objectives, we have qualified teachers and staff dedicated to maintaining high standards. The majority of our faculty members possess more than 10 years of academic and/or industrial experience in their respective disciplines. Our teaching methodology includes well-prepared lecture notes, the latest presentation techniques, interactive sessions, and dialogue between students and teachers. We actively encourage one-to-one interactions between teachers and students for both co-curricular and extra-curricular activities.

In Association With



[www.conferenceworld.in](http://www.conferenceworld.in)



[www.iardo.com](http://www.iardo.com)

## ICITET-2024

DATE: 10TH & 11TH APRIL 2024



Organized by

**K J COLLEGE OF ENGINEERING AND MANAGEMENT RESEARCH**

ACCREDITED BY NAAC, UNDER ACADEMIC MENTORSHIP OF COEP

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY (SPPU), APPROVED BY GOVT. OF MAHARASHTRA, RECOGNIZED BY AICTE, NEW DELHI.)

VENUE: NEAR KHADIMACHINE CHOWK, KONDHWA ANNEXE, PUNE 411 048.

MAIL YOUR RESEARCH PAPER

[ic@conferenceworld.in](mailto:ic@conferenceworld.in)

## ABOUT CONFERENCE

The Conference is aimed to bring together inquisitive academician, industry experts, researchers and practitioners to share their innovative and revolutionary ideas, resolving significant issues, and contributing towards inculcating a healthy and coexistent learning ambiance. The conference aspires to encircle all prominent avenues in the field of Engineering and Technology. The conference is an umbrella of boundless experience and the inquisitive thirst of exploring exemplary concepts under one roof.



7830301515 , 9759005373



[www.conferenceworld.in](http://www.conferenceworld.in)

## CONFERENCE TRACKS:

Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, experiment works and industrial experiences that describe significant advances in the following areas, but are not limited to:

You can contribute the paper in any language; the conference proceeding with ISBN will come in multilingual.

### Civil Engineering -

- Trends in construction material and structures
- Optimization and innovation in structural design
- Techniques & advancement in unsaturated soil
- Advance dynamics & smart structures
- Sustainable storm water management
- Mobile application for civil engineering

### Electrical Engineering -

- Power system & energy engineering
- Control systems
- Power system modeling, simulation and analysis
- Renewable energy
- Power Electronics Drives and Control
- Energy auditing
- Smart electrical grids

### E&Tc Engineering -

- Innovative technology for digital India and for make in India
- Reconfigurable systems
- VLSI for DSP, ASIC & SOC, CAD for VLSI
- RF circuit design & CMOS circuits
- Biomedical sensors & instrumentation, cryptography
- Coding techniques for 3G/4G
- Signal & image processing
- Telemetry & telecom management systems
- Earth station systems & technology, wireless networks
- MIMO systems
- Emerging wireless technologies.

### Computer Science & Engineering (AIML)-

- Explainability, Transparency, and Interpretability of AI systems
- Privacy, Security, and Ethics in AI
- AI/ML for cyber-physical systems
- Fairness, Interpretability and Explainability for ML applications
- Privacy and Security in AI/ML systems
- Sustainability in AI/ML systems
- Applications of AI/ML in financial systems

## REGISTRATION & FEE DETAILS:

- Non- Author Participation (Only for attending the conference) :500 INR
- Presenting the paper in the conference (Max 3 Authors in a paper) : 1000 INR
- Publication in conference proceeding with ISBN ( Max 3 Authors in a paper ): 1500 INR
- Publication in conference proceeding with ISBN and Publication in Journal: 2000 INR (Peer Reviewed), 8000 INR (Web of Science), 12000 INR (Scopus)
- If More than three authors, each additional author will have to pay 500 INR.

Page Limit 12, INR 100 will be Charged for each additional page. All papers will undergo a double blind peer review process and the criteria for acceptance will be based on quality, originality, technical content and relevance.

7830301515 , 9759005373

www.conferenceworld.in

## IMPORTANT DATES:

- Paper Submission Deadline: 5th April 2024
- Paper Acceptance Decision: After 3 days of submission
- Camera Ready Paper submission & Registration Deadline: within 3 days after acceptance
- Conference Dates: 10th-11th April 2024
- Website: [www.conferenceworld.in](http://www.conferenceworld.in), [www.iardo.com](http://www.iardo.com)

### Chief Patron

Shri. Kalyan Jadhav (President, KJEI)

Shri. Vinod Jadhav (Treasurer, KJEI)

Mrs. Harshada Vinod Jadhav (Md, KJEI)

Ms. Vibhavari Jadhav (Md, KJEI)

Maj Gen. Sameer Kalla, Vsm (Retd) (Executive Director, KJEI)

Dr. A. M. Fulambarkar, (Technical Director, KJEI)

### Patron

Dr. Suhas S. Khot,

Principal, KJCOEMR, Pune.

### Convener

Dr. Nikita J. Kulkarni,

Head Of Department, Computer Engineering

Dr. Pramod U. Chavan,

Head Of Department, E&Tc Engineering.

Dr. Rohan S. Kulkarni,

Head Of Department, Electrical Engineering.

### Coordinator

Prof. Aparna Hambarde,

Assistant Professor, Computer Engineering

Prof. U. M. Mulani,

Assistant Professor, Computer Engineering

Prof. V. D. Ghanekar,

Assistant Professor, E&Tc Engineering

Dr. Shankar A.,

Assistant Professor, Electrical Engineering

### Internal Advisory Committee

Dr. Santosh K. Patil,

Head Of Department, Civil Engineering.

Dr. Sanjay S. Khondhe,

Head Of Department, Electrical Engineering.

Dr. Prajakta N. Deshmukh,

Head Of Department, Engineering Science.

Prof. Gayatri S. Patil,

Head Of Department, Mechanical Engineering

Dr. Atul B. Pujari,

Associate Professor, Civil Engineering.

Dr. Neha S. Shahare,

Associate Professor, E&Tc Engineering

Dr. Rajendra G. Zope,

Associate Professor, E&Tc Engineering

Dr. Shantaram K. Dond,

Associate Professor, Electrical Engineering

Dr. Shankar A,

Assistant Professor, Electrical Engineering

Dr. Hema S. Koli,

Assistant Professor, Engineering Science

Dr. Vivek B. Korde,

Assistant Professor, Engineering Science

Dr. Gajanan S. Solanke,

Assistant Professor, Engineering Science

### National & International Advisory Committee

- Dr. P. D. Patil, Dean of Science and Technology, SPPU, Pune.  
Dr. R. K. Jain, Director, JSPM's Rajarshi Shahu College of Engineering, Pune.  
Dr. N. J. Uke, BoS Chairman, Computer Engineering, SPPU, Pune  
Dr. S. S. Shirbahadurkar, BoS Chairman, E&TC, SPPU, Pune  
Dr. Sudeep Thepade, BoS Chairman, IT, SPPU, Pune  
Dr. S. A. Patil, BoS Chairman, Mechanical, SPPU, Pune  
Dr. P.K. Katti, Ex-Dean Academics, and Dean Faculty DBATU  
Dr. P.W. Wani, Ex-Dean, Faculty of Engineering, SPPU.  
Dr. Jagdish W. Bakal, Past President, IETE, New Delhi.  
Dr. P. N. Mahalle, Head of Department AIDS, ViIT, Pune.  
Dr. D. B. Talange, Professor (Emeritus), RIT Sakhrate, Sangli  
Dr. Rajesh Prasad, Associate Dean, School of Engineering, MIT ADT University, Pune.  
Dr. R. R. Arakerimath, Dean IQAC, RSCOE, Pune.  
Dr. Nitin Satpute, Dean of Science & Technology, Vishwakarma University.  
Dr. M. M. Ghangrekar, Professor, IIT Kharagpur  
Dr. S. S. Dambhare, Principal, Govt. College of Engineering, Aurangabad.  
Dr. B. Sheela Rani, Director Research, SIST, Chennai  
Dr. M. Murugan, Principal, VEC SRM University, Chennai  
Dr. D. S. Bormane, Principal AISSMS COE, Pune  
Dr. M.S. Sutaone, Director, IIIT, Prayagraj  
Dr. P. B. Mane, Director, AISSMS, IOIT, Pune  
Dr. R.D. Kharadkar, Director, GHRCOE&Mgt, Wagholi  
Dr. V.V. Shete, Chairman, IETE, Pune Chapter  
Dr. G. S. Mundada, Executive Director, IET  
Dr. Pravin Ghate, Professor, RSCOE, Pune  
Dr. P.G. Shete, Professor, PVGCOT  
Dr. Mrs. M. D. Khambete, Director, CCOEW  
Dr. S. P. Mahajan, Professor, COEP Technical University, Pune.  
Dr. P.P. Bartakke, Dean, Electrical Engineering, COEP Technical University, Pune  
Dr. U.B. Shinde, Principal, CSMSS Chh. Shahu College of Engineering, Dr. BAMU  
Dr. S. S. Sane, Vice Principal, HoD (Computer Dept.) KKWIEER Nashik  
Dr. P. B. Kumbharkar, Professor, Dean- Planning And Development, RSCOE.  
Dr. S. S. Das, Principal, ICOEMR, Pune.  
Dr. V. K. Pachaghare, Professor, Computer Engg., COEP  
Dr. M.L. Dhore, Professor, VIT, Pune  
Dr. S. R. Dhore, Head of the Dept. (Computer), AIT, Pune  
Dr. Rajesh Ingle, Professor, IIIT, Naya Raipur.  
Dr. N. R. Kulkarni, Professor (Electrical Dept.), PESMCOE, Pune  
Dr. V. S. Bugade, Professor & HOD, (Elect. Engg.), KIT, Kolhapur  
Dr. S. A. Deokar, Principal, Someshwar College of Engineering, Pune.  
Dr. B.E. Kushare, Head of Dept. (Electrical), KKWCOE, Nashik.  
Dr. M. G. Unde, Professor, Zeal College of Engineering and Research, Pune  
Dr. S. N. Londhe, Professor, Civil Engineering, VIIT Pune  
Dr. Sunil B. Thakare, BoS Chairman, Civil Engineering, SPPU, Pune  
Dr. U. R. Awari, Professor & Head, Civil Engg, AISSMS College of Engineering, Pune  
Dr. M. R. Wakchoure, Professor, Civil Engg, Amrutvahini COE, Sangamner.  
Dr. R. K. Lad, Director, JSPM Narhe Technical Campus, Pune.  
Dr. S. L. Bhilare, Executive Director, RSCOE, Pune  
Dr. S. K. Ukarande, Ex-Dean, Faculty of Science and Technology, University of Mumbai.  
Dr. S. S. Pardeshi, Associate Professor, MECH ENGG, COEP Technical University, Pune  
Dr. S. V. Gawali, Professor and Head, PVGCOT Pune.  
Dr. A. S. Padalkar, Professor, Flora Institute of Technology, Pune.  
Dr. Kishor Dhande, HoD, MECH ENGG, Dr DY Patil Institute Of Technology, Pune.  
Dr. L.V.Kamble, Principal, Siddhant College of Engineering, Sudumbre Pune.  
Dr. S. S. Sarnobat, Vice Principal. D. Y. Patil College of Engineering, Akurdi, Pune.  
Dr. S. S. Inamdar, Director, Vishwaniketan, Khopoli.  
Dr. Manisha B Dole, Principal, MES Wadia, Pune  
Dr. Lalit Wadhwa, Principal, DYPIET, Pune  
Dr. Ajit Laware, BoS Member, Electrical, Vikhe Patil College of Engineering, Ahmednagar.