




**Late Shri. K V
Shankara Gowda**
Founder, PET (R)

People's Education Trust(R)

P. E. S. College of Engineering, Mandya

Estd. In the year 1962, Aided by Government of Karnataka, An Autonomous Institution, Aided by the Government of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi, Approved By AICTE, New Delhi, Accredited By NBA TIER-1 and NAAC



Shri. K S Vijay Anand
President, PET (R)

CALL FOR PAPERS

ICERECT-22 seeks original contributions in the relevant areas in the IEEE format. Interested authors are requested to submit original full length papers not exceeding 8 pages. Manuscripts are to be uploaded through easy chair only.

PUBLICATION DETAILS

"All accepted and presented papers will be submitted for the possible inclusion in IEEE XPLORE digital library".

The topics of the conference include, but are not limited to the following thrust areas.

- Track 1 - Computing System and its Application:**

 - Artificial Intelligence & Machine Learning,
 - Big Data
 - Cloud computing
 - Computer Architecture
 - Distributed and Parallel Computing
 - Embedded systems
 - Operating systems
 - Security/ Cryptography
 - Software Engineering
 - Pattern Recognition
 - Data Mining and Business Intelligence
 - Big Data Analytics
 - Parallel and Distributed Computing.

Track 2 - Robotics, VLSI and Embedded System:

 - Smart Sensors and Sensor Networks
 - Biomedical Sensors and Wearable Systems
 - Biosensors and Bioelectronics Characterization
 - Reliability and Yield
 - Circuit and Device Interaction
 - Compound Semiconductor & High Speed Devices
 - Memory Technology, Modeling and Simulation
 - Nano Device Technology
 - Optoelectronics, Displays
 - Power Devices, Process and Manufacturing Technology

Track 3 - Power ,Energy and Power Electron:

 - Applications in Hybrid electric vehicle
 - Battery management systems
 - Control Communication & Monitoring of Smart Grid Energy Storage
 - System High Voltage Engineering
 - HVDC-FACTS Micro Grids& Distributed
 - Generation Power Generation, Transmission and Distribution Power System Monitoring
 - Control and Protection
 - Renewable Energy Sources and Technology
 - Switching Circuits & Power Converters
 - Electric Vehicle
 - Vehicular Electronics and Intelligent Transportation System.

Track 4 - Computer Vision and Pattern Recognition:

 - Audio and Acoustic Signal Processing
 - Biomaterial
 - Biomedical & Health Informatics
 - Compressive Sensing
 - Sampling, and Dictionary Learning
 - Computational Biology
 - Geo informatics
 - Graph Theory and Signal Processing
 - Machine learning in signal
 - Image, Video processing
 - Signal Processing for Communication and Networking
 - Speech Processing, Multimedia Applications
 - Computer Network and N/W Security.

"Awards for Best Paper and Best Presenters In Each Track"
Note: Maximum pages allowed with Registration Fee - 8 Pages only

Extra Charges (if applicable)

Item	All Authors
Extra charges per page (if applicable)	INR 250/-

REGISTRATION

Participants should send the duly filled registration forms in the specified format along with registration fee through the way of Demand Draft/NEFT/RTGS transfer in favour of "Principal PESCE DCA" payable at Mandya on or before 28th November 2022.
For registration visit our website: www.pesceconference.in

Sl. No	Category	Indian Delegate Non-IEEE Members in INR	Foreign Delegate Non-IEEE Members in USD	Indian Delegate IEEE Members in INR	Foreign Delegate IEEE Members in USD
1	UG / PG Students	4,000/-	175	3,000/-	125
2	Academician / Research Scholar	8,500/-	250	6,500/-	200
3	Industries / Organization	10,000/-	300	8,000/-	250

BANK DETAILS

Beneficiary Name: Principal PESCE DCA
Account Type : Savings Account
Account No:10532544918
IFSC:SBIN0007965
Branch Location:Kyathanagere Layout, Mandya 571401, Karnataka, India.

After payment of registration fee, please send the payment details (Name, Transaction ID, Account no. and Date) to icerec@pesce.ac.in. In case of bank deposit, please send scanned copy of deposit slip through email.

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Website: <https://pesce.mandya.org/>
Website Conference: www.pesceconference.in
Email: icerec@pesce.ac.in



Scan

VENUE OF THE CONFERENCE

P.E.S College of Engineering, Mandya 571401, Karnataka, India.
[Mandya City is located 100km from Bangalore and 45km from Mysore.]
Website: www.pescemandya.org

Conference Website: www.pesceconference.in
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137th Rank by



4th International Conference on "Emerging Research in Electronics, Computer Science and Technology"

ICERECT-22

26th - 27th December, 2022



Sponsored By: All India Council for Technical Education, New Delhi and IEEE Bangalore Section (Technical Co-Sponsorship)



1962 : Sixty years of Excellence

ORGANIZED BY
Department of Electronics and Communication Engineering
Department of Computer Science and Engineering
Department of Electrical and Electronics Engineering
Department of Information Science and Engineering

IMPORTANT DATES

Paper Submission Deadline	05 th September 2022
Notification of Acceptance	28 th October 2022
Camera Ready Paper Submission Date	14 th November 2022
Last Date for Registration	28 th November 2022
Conference Dates	26 th and 27 th December 2022

P.E.S. COLLEGE OF ENGINEERING
MANDYA-571401, Karnataka
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Aided by Govt. of Karnataka Recognised by AICTE, New Delhi

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ABOUT THE INSTITUTE

People's Education Society College of Engineering popularly known as PESCE was established in the year 1962 by a group of Philanthrologists under the excellent leadership of great visionary Late Sri K V Shankare Gowda. This is one of the premier educational institute delivering quality technical education with focus on rural mass. At its diamond jubilee year institute has grown leaps and bounds setting up excellent infrastructure and academic ambience which is very conducive for learning. P. E. S. College of Engineering, Mandya is one of the pioneer grant-in aid institute of Karnataka which is managed by PET @ under the able leadership of present dynamic chairman Sri K S Vijay Anand. Institute has been granted with Autonomy in the year 2008 and presently affiliated to Visweswaraya Technological University, Belagavi. It has accreditation from NAAC and all UG programs are accredited by NBA. PESCE offers nine under graduate programs, four post graduate Engineering programs, MCA, MBA and research degree (MSc by research & Ph D in all streams). PESCE has the distinction of being listed in top 200 colleges of nation fourth time in a row. Recent NIRF-2022 announced by Ministry of HRD has put PESCE at 137th position which is a big accolade to the institute. Faculty of PESCE is involved in academic research extensively resulting in 120+ Ph D degrees from its research center as of now. The Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021 a flagship program of the Ministry of Education, Government of India has put PESCE in the band "PERFORMER" under the category "Colleges/Institutes (Govt. and Govt. Aided) (Technical)". The testimonial to diamond jubilee journey of PESCE is the alumni who have occupied responsible positions in Govt and Private sectors both at nation and global levels.

ABOUT ICERECT-22

The International Conference on Emerging Research in Electronics and Computer Science & Technology (ICERECT) is a flagship conference of PESCE conducted every three year once collectively by Department of Electronics & Communication Engineering, Computer Science & Engineering, Information Science & Engineering and Electrical & Electronics Engineering since year 2012. ICERECT-22 is fourth in a row. Conference is very relevant to present times providing much needed platform to scientific community. Conference has focus on upcoming technology as well as traditional & prominent technologies. The three conferences in the past has experienced good participation from research community and an average of 110+ papers were presented in each conference. The strong review panel has enabled to maintain standard of the conference with selected to rejection ratio of papers around 1:4.5. The previous conferences witnessed key note lectures by eminent scientists and engineers. ICERECT-22 is looking forward to continue the legacy.

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