



P.E.S. College of Engineering Mandya – 571 401, Karnataka

Conference Programme

3rd International Conference on Emerging Research in Electronics, Computer science and Technology (ICERECT - 2018)

Organized by



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

Date: 23rd and 24th August 2018

Pre-Conference Tutorial: 22nd August 2018

(A tribute to Dr. V Sridhar for having rendered his service as Principal)

Important Dates

- | | |
|---------------------------------|---|
| • Full Paper Submission | 20 th May 2018 |
| • Notification of Acceptance | 20 th June 2018 |
| • Camera Ready Paper Submission | 25 th July 2018 |
| • Last Date for Registration | 10 th August 2018 |
| • Pre-Conference Tutorial | 22 nd August 2018 |
| • Conference Dates | 23 rd and 24 th August 2018 |

Technical Co-Sponsor



In Association with



Funded by



P.E.S. College of Engineering

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)
Aided by Govt. of Karnataka, Recognized by AICTE, New Delhi. MANDYA – 571 401, Karnataka.

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Call for Papers

ICERECT-18 seeks original contributions in the relevant areas in IEEE double column format not exceeding six pages for oral / poster presentation. Papers presented in the conference will be published in IEEE Xplore.

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

- Computational Intelligence & Information Technology
- Image and Video Processing
- Pattern Recognition
- Data Mining and Business Intelligence
- Big Data Analytics
- Parallel and Distributed Computing
- Bioinformatics
- Computer Architecture
- Multimedia Applications
- Computer Network and N/W Security
- Artificial Intelligence & Expert Systems
- Machine Learning and Natural Language Processing
- Grid, Cloud and Mobile Computing
- Wireless Communications
- Cryptography and Data Security
- Web Technologies
- Computer Vision & Content Based Image Retrieval
- VLSI Design and Embedded Systems
- Smart Sensors and Sensor Networks

- Nano-electronics
- e-Health
- 3G/4G Wireless Technologies
- Signal Processing Systems and Applications
- Instrumentation
- Antenna Systems
- Communication Systems
- FACTS
- Energy Management
- Electrical Power Systems
- High Voltage Engineering
- Power Electronics and Drives
- Intelligent Control Systems
- Smart Grid
- MEMS and NEMS
- Solid State Circuits and Systems
- ASICS
- Biomedical Processing
- Deep Learning



Accommodation

Delegates and participants are requested to make their own arrangements for travel and accommodation. However, the organizing committee will provide the necessary information and support.

For any Queries Contact

Dr. S Vinay (CS&E): +91 99865 15835

Dr. Punith Kumar M B (E&CE): +91 79755 71847

Registration

Participants should send the dully filled registration forms in the specified format along with registration fee by way of Demand Draft / wire transfer in favor of “**ICERECT**” payable at Mandya on or before 10th August 2018. 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.	Students / Research Scholar	8,000/-	125	7,000/-	110
2.	Academician	10,000/-	155	8,000/-	125
3.	Industries / Organization	12,000/-	190	10,000/-	155
4.	Only Pre-Conference Tutorial	1,200/-	20	1,000/-	15

Bank Details for payment of registration fee for participants (Non-Authors) and Authors

Delegates and participants are requested to make their own arrangements for travel and accommodation. However, the organizing committee will provide the necessary information and support.

Beneficiary Name: ICERECT

Account Type: Savings Account

Account Number: 35042036358

IFS Code: SBIN0007965

After Payment of registration fee, please send the payment details (name, transaction id, account no, date etc.) to icerect18@pesce.ac.in. In case of bank deposit, please email the scanned copy of deposit slip.

Brief Summary of two International conferences on Emerging Research in Electronics, Computer Science and Technology ICERECT - 2012 and ICERECT - 2015 held during 2012 and 2015

The Department of Electronics & Communication, Computer Science and Engineering, Electrical & Electronics and Information Science & Engineering, with their rich experience has conducted two international conferences on emerging trends to trigger the minds of researchers, faculty members and also students.

The First International conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-12) was held during Dec - 2012 and the proceedings were published in Springer.

The Second International conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-15) was organized during 17th to 19th December 2015 and it was technically sponsored by IEEE Computer Society, Bangalore Section.

About the Institute

P.E.S College Engineering, Mandya established in 1962 under the aegis of the PET (R) Mandya, is a top notch engineering college in Karnataka with the state-of-the-art technology and infrastructural facilities is a brilliant example of the vision & farsightedness of its founder late Shri. K.V Shankara Gowda. Under the able guidance of Dr. H.D.Chowdaiah, Chairman PET (R), the college is making great forays in the arena of technical education. The institute is approved by AICTE, New Delhi; accredited by National Board of Accreditation (NBA), New Delhi; functioning under the Grant-in-Aid scheme of Government of Karnataka and autonomous institute affiliated to Visvesvaraya Technological University (VTU), Belagavi. PESCE has been ranked 30th place in Outlook Magazine while in Career 360 magazine it is ranked 'AA+'. The institute offers Under Graduate, Post Graduate and Doctoral programs in various engineering disciplines.

PET Research Foundation

PET research foundation was established in the year 2002 and has been growing steadily over the years showing increasing research outputs both in terms of quantity as well as quality. Various departments of the institute have been affiliated to Visvesvaraya Technological University, and University of Mysore under Faculty of Engineering, Faculty of Science and Faculty of Management Studies. Research Scholars are registered annually for the Degree of Doctor of Philosophy (Ph.D.) and Master of Science in Engineering [M.Sc. (Engg)] as per the University norms. The research centre coordinates and monitors the progress of the research activities of the research scholars. The research centre also encourages and coordinates consultancy projects and sponsored projects.

Facts and Figures

Research Projects	34
Publications	1340
No. of Guides	57
No. of Doctorates Awarded	75
No. of Doctorates Pursuing	132

Organizing Departments

- Department of Computer Science and Engineering
- Department of Electronics and Communication Engineering
- Department of Electrical and Electronics Engineering
- Department of Information Science and Engineering

About the Conference

The aim of the Conference ICERECT-18 is to provide a forum where researchers in academia and industry can meet and share cutting-edge development in the fields of Computer Science, Electrical, Electronics and Communication and Information Science Engineering. The Conference comprises of plenary lectures by invited experts, paper presentations, posters, tutorials & industry exhibits. It also provides a venue for high-caliber researchers, Ph.D scholars and professionals to present ongoing research & developments in the related areas.



Dr. V Sridhar is currently the Principal of P.E.S. College of Engineering Mandya, a government aided, autonomous institution in Karnataka.

He completed his B.E (E&C) in the year 1980 from PESCE, Mandya and did master degree M.E(E&C) from Javadavpur university, Calcutta in the year 1986.

He did his Ph.D at the centre of Biomedical Engineering, Indian Institute of Technology, Delhi in the year 1996, under the guidance of Professor S.K.Guha and Sneha Anand. Later during the year 2000 to 2002 he pursued postdoctoral research at University Tenaga Nasional, Malaysia.

Dr. V Sridhar started his career in the year 1981 as a lecturer in E&CE department at PESCE, Mandya and served as Assistant professor from 1986 to 1996. In the year 1996 he became Professor in the same department and served the E&CE department as professor and Head till 2008. In the year 2008 he became the principal of PESCE.

Dr. V Sridhar so far has put up 36 years of service and gained rich experience in teaching, research and as well as administration. As a faculty of E&CE he used to handle both UG and PG classes. His area of specialization is VLSI Design and Biomedical Engineering. Under his guidance so far 8 students have obtained their Ph.D degree and 4 more students are pursuing their research work. He has produced more than 50 research papers in National/International journals and more than 40 conference papers both at National and International level. He has completed several sponsored R&D projects from AICTE, S&T Mission, and VGST, Karnataka of worth more than Rs.70 Lakhs. He was instrumental to start M.Tech Program in VLSI Design and Embedded systems and Centre of Excellence in VLSI Design at the department of E&CE, PESCE Mandya. He had organized several AICTE and VGST sponsored faculty development programs for teachers and also played a key role in organizing International conferences ICERECT at PESCE Mandya.

He worked as Registrar (Evaluation) of Visvesvaraya Technological University (VTU), Belagavi during 2004 to 2006 and actively involved in bringing more Security, Credibility, and Transparency to the examination system of VTU. He also served as Acting Vice-Chancellor of VTU from May 2016 to October 2016 and during this tenure he successfully worked to overcome the crisis of the VTU. Since 2008 he is the member of Academic senate of VTU. He also worked as BOS chairman (Electronics) of University of Mysore for several years.

At present as a principal of the PESCE, Mandya, he has put all his effort to make PESCE as one of the leading Engineering Institution of Karnataka state to impart quality technical education. During his tenure as a principal the PESCE got Autonomy, world bank financial assistance under TEQIP Phase-II & Phase-III and NBA accreditation for 6 departments under Tier-I category.

Venue: P.E.S. College of Engineering, Mandya.

Mandya City is located on Bangalore – Mysore Highway at a distance of 100 km from Bangalore.

For More Details Visit: www.pesceconference.in

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