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Eligibility:

U.G/ P.G Students

Research Scholars (Outside VIT) & Faculty Members

Registration: Conference registration can be made through online.

Fee Details:

UG/ PG/ Research Scholars : Rs. 800

Faculty : Rs. 900

Industry Participants : Rs. 1000

International Participants : USD 160

Links for registration and Online Payment

<http://info.vit.ac.in/conference/icset2019/apply.asp>

Link for external full-length paper submission

<http://info.vit.ac.in/conference/icset/apply.asp>

Conference registration includes paper presentation, lunch, snacks and certificates of participation/ presentation. All the submitted papers will go for blind peer review by competent reviewers. **Best papers will be published in Scopus indexed journals.**

Paper Format: MS Word (.doc) document, Font: Times New Roman, Size: 12, 1.5 Spacing, 1-inch margin on all sides, Figures and Tables in appropriate spaces.

Registration of at least one author is mandatory to present the paper. Participation certificate will be given to all registered participants.

Dates to remember:

Conference date: 1 - 2 April 2019.

Last date for submission of full paper: 28 March 2019

Notification of Acceptance through mail: 29 March 2019

Last date for Registration: 29 March 2019

Address for Correspondence

Organizing Secretaries

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VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

18th International Conference on Science, Engineering & Technology (ICSET)

1st & 2nd April 2019

ICSET-2019

Organized by

School of Electronics Engineering
(SENSE)

Vellore Institute of Technology
Vellore -14



About VIT

VIT, one of the premier institutes in India, established in 1984. VIT is the first educational institution in India to get ISO 9002 certified by the DNV of The Netherlands and accreditation from IEE (UK). Further it has also been accredited by NAAC (UGC). Mission of VIT is to educate students from all over India, including those from the local and rural areas, and from other countries, so that they become enlightened individuals, improving the living standards of the families, industries and society. It provides individual attention, world-class quality education and takes care of character building. VIT was established the aim of providing quality higher on par with international standards dedicated to provide excellence in teaching, research and service. Our Memoranda of understanding to various international universities are our major strength. It also provides an opportunity for students and faculty exchange programmes with international universities to encourage joint research collaborations for mutual benefit. The campus has a cosmopolitan atmosphere with students from all parts of the globe. The latest CAL Curriculum offered in VIT covers the latest developments in the respective discipline with focus on student projects and designed based on market needs, whereby employability, developing skills as entrepreneur and grooming students as young scientists are major priorities.

VIT offers 36 Undergraduate, 31 Post-graduate, 4 Integrated and 3 Research programmes in 13 schools. VIT is also rising ahead in the number of publications along with H-index of 76. Research centers are also part of the schools, encouraging inter departmental collaboration and opportunity for students to participate in exciting research projects in Automotive research, Crystal research, Nanotechnology, Nano-biotechnology, Bio-separation Technology and Biomaterials, etc.

School of Electronics Engineering (SENSE)

The School of Electronics Engineering (SENSE) at VIT University was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. It has four departments (Communication Engineering, Micro & Nano electronics, Embedded Technology, Sensor and Biomedical Technology) and a faculty strength of more than 100. The school offers a Bachelor programme in Electronics and Communication Engineering and Masters Programmes in Communication Engineering, Sensor System Technology, Automotive Electronics, VLSI Design, Embedded systems and Nanotechnology. It also offers double degree Programme in M.Tech (Sensor Systems Technology) with the University of Applied Sciences, Karlsruhe, Germany and M.Tech.(Communication Engineering) with UAS, Darmstadt, Germany. Research Programmes leading to

M.S. and Ph.D. are also available. The placement record has always been very impressive. SENSE has entered into MoUs and agreements with national and international R&D and academic institutions such as CGCRI-Kolkata, IGCAR Kalpakkam, TVS-Electronics, National Instruments, Ericsson, Bosch, Honeywell, IIT-Madras, JNCASR Bangalore, University of Applied Sciences, Karlsruhe, Germany, Institute of Superior Technology, France, IMEC Belgium and University of Applied Sciences, Darmstadt, Germany.

About the conference

This 18th International Conference will serve as a great platform with excellent form of academicians and experts from industries for sharing knowledge and research in the field of life sciences. Engineering and Technology along with managerial aspects. The main objective is to provide research and development activities in all the domains to facilitate information exchange between researchers, developers, engineers and students working around the globe. Concepts and products that develop new ideas or theories, attempt to advance our understanding of real-world phenomenon and/or address any of the research themes are encouraged. Selected papers will be referred by the steering committee for publication in Scopus indexed international journals. Adjunct professors in different disciplines from abroad will deliver special lectures.

Themes

1. School of Advanced Sciences (SAS)

Materials / Inorganic Chemistry – Organic Chemistry – Pharmaceutical Chemistry – Environmental & Analytical Chemistry – Photonics – Medical Physics – Material Physics – Crystal Growth, Nuclear Physics – Algebra – Graph Theory – Pure Mathematics – Applied Mathematics – Fluid Dynamics – Operations Research.

2. School of Bio Sciences & Technology (SBST)

Plant Bio-Technology, Animal Bio-Technology, Microbial Technology, Bio-Medical Science, Computational Biology and Environmental Science.

3. School of Civil Engineering (SCE)

Structures and Sustainable Materials, Geotechnical & Earthquake Engineering, Green buildings, Structural Health Monitoring, Management of Infrastructure construction, Aspects of Surveying & Advances in Transportation Engineering, Environmental monitoring and assessment.

4. School of Chemical Engineering (SCHEME)

Sustainable and Clean Technologies, Process design and Optimization, Modern Separation techniques, Process Instrumentation and control, Process Integration and Intensification.

5. School of Computer Science and Engineering (SCOPE)

IoT and its related applications, Big data frameworks, Cyber security, Deep learning, Cloud Application Development and Management, Image processing and its applications, Network Security, Security and Privacy for Big Data, Security and Privacy in Crowd sourcing, Applied Cryptography, Biometrics Security and Privacy, Identification, Authentication and Non-repudiation.

6. School of Electrical Engineering (SELECT)

Power Converters and Reliability; Energy Efficient Drives; Renewable energy and Microgrid; Industrial Automation; Home Automation; Robotics and Control; Black chain in Automation; Machine Learning and Artificial Intelligence; Application of IoT and Big data.

7. School of Electronics Engineering (SENSE)

Advanced wireless communication and Networking, Advanced Embedded computing and automation, Smart Sensors and Applications, Digital and Analog IC design, Nanotechnology.

8. School of Information Technology & Engineering (SITE)

Machine Learning and Block chain Technology, Cyber Physical Systems, Next Generation 5G Networks, Digital Forensics, Computer Vision, Big data Analytics, Soft Computing Cloud Computing, Software Engineering, Communication Networks, Semantic Web Digital Image Processing.

9. School of Mechanical Engineering (SMEC)

Challenges in Electric / Hybrid vehicle – Indian Context, Emerging Technologies in Factories of the Future, Advanced Quality Systems Tools and Quality Management, The Relevant Technology Applications of Mechatronics, Bio-mechatronics, Sustainable and Digital Manufacturing in Global Era of Cloud Manufacturing, 3D Printing - Challenges/Applications/ Future.

10. School of Social Science & Languages (SSL)

Role of e-banking in rural India, Challenges of women Entrepreneurs, Recent trends in Indian finance system, Evils of social networking, Use of technology in Language Teaching & Learning, Social media as a communication tool, Gender biases in literature.

11. VIT Business School (VITBS)

Marketing – Finance and Economics – Information Systems and Operations – Organizational Behavior & Human Resources Management – Strategy & International Business

12. VIT School of Design (V-SIGN)

Smart products for healthcare - Observational study of medical problems for design intervention - Study of users of medical products - Design of diagnostics tools/devices - Biomedical devices - Design to solve real-life clinical problems.