

## VIT University

VIT University was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud.

## School of Information Technology and Engineering (SITE)

The School of Information Technology & Engineering (SITE) emphasizes the fields of Information Technology, Software Engineering and Domain Specific Applications so as to facilitate the evolution of skills in students to help them attain a higher degree of knowledge, global competency and excellence, for the betterment of the society. The Research and instructional programs strive to establish a strong component of practical engagement with private enterprises.

Major areas of research include Computer Graphics, Image and video processing, Computer Networks, Parallel Architecture, Software Engineering, Data Mining, Cloud Computing, Intelligence Systems and information security. It has highly qualified faculty members and distinguished professionals from industry and eminent researchers. The academic programmes of the School have been designed to cater to the ever changing needs and demands of the IT industry. The focus is on holistic learning and empowering students to make significant contributions at all levels.

## Organizing Committee

### Chief Patron

**Dr. G. Viswanathan**, *Chancellor*

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**Mr. Sankar Viswanathan**, *Vice President*

**Dr. Sekar Viswanathan**, *Vice President*

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**Dr. S. Narayanan**, *Pro Vice Chancellor*

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### Advisory Committee

*Deans & Directors, VIT*

### Convenor

**Dr. Aswani Kumar Cherukuri**

*Dean, School of Information Technology and Engineering,  
VIT University, Vellore.*

### Organizing Secretary

**Dr. Durai Raj Vincent P. M.**

*HOD / Department of Digital Communications*

### Local Organizing Committee

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*HOD / Department of Information Technology*

**Dr. Prabukumar M.**

*HOD / Department of Computer Applications and Creative Media,*

**Dr. Valarmathi B**

*HOD / Department of Software & Systems Engineering,*

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**VIT**  
UNIVERSITY  
(Estd. u/s 3 of UGC Act 1956)

## 15<sup>th</sup> International Conference on Science, Engineering and Technology

6 - 7, November 2017



Organized by  
**School of Information Technology and Engineering**

**VIT University**  
Vellore - 632 014





## About the Conference

This 15th International conference will serve as a great platform with excellent forum of academicians and experts from Industries for sharing knowledge and results in the field of Life Sciences. Engineering and Technology along with managerial aspects. The main objectives is to promote research and developmental activities in all the domains to facilitate information exchange between researchers, developers, engineers and students working around the world. 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.

## Tracks and Topics

### Track 1 - Advanced Sciences

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.

### Track 2 - Bio Sciences

Biosciences and Technology – Microbiology – Biomedical Genetics – Bioinformatics – Biochemistry.

### Track 3 - Business and Management

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

### Track 4 - Civil and Chemical Engineering

Materials and Structures – Structural Engineering (Steel Structures)– Geotechnical and Earthquake Engineering aspects – Transportation Engineering in Smart Cities – Water and Environmental Engineering and Air Pollution – Project Management – Green Buildings – Nanomaterials for Civil and Chemical Engineers – Chemical and Biochemical Engineering – Catalysis and Catalytic Reaction Engineering.

### Track 5 - Computing Science and Information Technology

Data Science – Artificial Intelligence / Soft Computing – Image Processing – Internet of Things(IoT) – Ubiquitous Computing – Cloud Computing / Ubi and Security – Wireless and Sensor Networks – Cyber Security and Cyber warfare – Multimedia and Web Services – Information Security.

### Track 6 - Electronics Engineering

Smart Sensors and Applications -Digital and Analog IC design Nanotechnology - Advanced Embedded Computing and Automation - Communications and Networking.

### Track 7 - Electrical Engineering

Electrical Engineering – Power Electronics and Drives – Control and Automation – Power System.

### Track 8 - Mechanical Engineering

Materials for aerospace – Marine and automotive applications – Metal joining / Forming Techniques – Surface Engineering – Automotive Electronics and Engineering – IC engines – Vibrations – FEM / CFD – Energy Engineering.

### Track 9 - Social Sciences and Languages

Gender biases in Literature - Use of Technology in Language Teaching & Learning - Role of e-banking in rural India - Evils of Social Networking - Challenges for Women Entrepreneurs - Moral Policing the need or redundant.

**Eligibility:** UG / PG students / Research scholars / Faculty

**Registration:** Conference registration fee can be transferred online through the conference login assigned for every applicant. However, external participants can send the DD in favour of VIT University, payable at Vellore (Mention your paper ID on the back side of the DD).

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

### Fee Details:

National Participants : Rs. 750 (Including GST)  
International Participants : USD 160

For online payment, refer website

External participants can send their abstracts (200 words) to [icset2017@vit.ac.in](mailto:icset2017@vit.ac.in).

Link for Paper upload and online registration

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

Papers should be submitted only through this link. Do not send the paper through the conference mail.

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

**Paper formate:** MS Word Document, Times New Roman, font size 12, 1.5 spaced, 1 inch margin on all sides, figures & tables in appropriate places.

### Dates of remember:

Conference date: ..... 6 - 7, November 2017

Last date for submission of

abstract / paper: ..... 20, October 2017

Notification of acceptance

through mail: ..... 25, October 2017

Last date for registration: ..... 3, November 2017

### Accommodation:

Payment for accommodation is to be made only through the DD  
(On payment basis - Rs. 300 per day)