

#### CHIEF PATRON

Dr.Mrs.NaliniSelvaraj, M.Com.,M.Phil.,  
Chairperson, Kings Engineering College.

#### PATRON

Mr.S.Amirtharaj, B.Tech., M.B.A.(UK),  
Director, Kings Engineering College.

#### CONFERENCE CHAIR

Dr.A.V.Mayakkannan, M.E., Ph.D.,  
Principal, Kings Engineering College.

#### ORGANIZING CHAIR

B.Muthazhagan, HOD/IT  
Dr.D.C.Jullie Josephine, HOD/CSE  
S.HanishAnand, HOD/Mechanical

#### CONVENOR

K.Ramkumar, Asso.Prof. HOD/ECE

#### CO-CONVENOR

Mr.S.A.Kalaiselvan, Asso.Prof./CSE

#### EVENT COORDINATORS

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Mrs.C.Anna Poorani, Asst.Prof/CSE  
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Mrs.K.Indhumathi, Asst.Prof/IT  
Mr.B.Vigneswaran, Asst.Prof/MECH,  
Mr.T.Ranjith Kumar, Asst.Prof/MECH

#### Registration Fee :

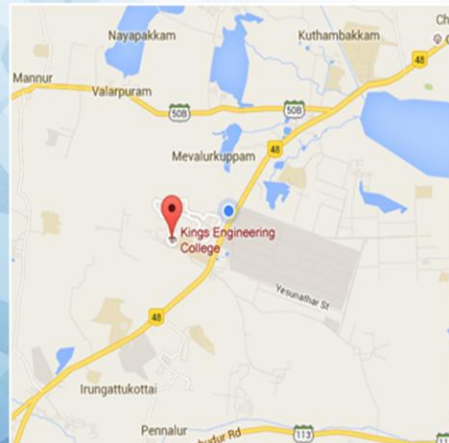
Category	Indian Authors		Foreign Authors	
	Members (CSI, IETE, SAE, ISME)	Non Members	Members (CSI, IETE, SAE, ISME)	Non Members
UG/PG Students	Rs.1000/-	Rs.1200/-	\$100	\$120
Research Scholar/ Faculty	Rs.1300/-	Rs.1500/-	\$100	\$120
Industry Delegates	Rs.1800/-	Rs.2000/-	\$100	\$120

#### ADVISORY COMMITTEE

1. Prof. Dr. V. Parthasarathy, Vel Tech Multi Tech DRR DRSR Engg.College, TN, India.
2. Prof.Dr.Lipo Wang, Nanyang Technological University, Malaysia.
3. Prof.Dr.S.G.Ponnambalam, Monash University, Malaysia.
4. Prof.Dr.Sudeb Dasgupta, IIT Roorkee, India.
5. Prof.Dr.S.Jit, IIT (Banaras Hindu University), Varanasi, India.
6. Prof.Dr.Gopal Chandra Hazarika, Dibrugarh University, India.
7. Prof.Dr.Xavier Fernando, Ryerson University, India.
8. Prof.Dr.Abdel-Badeem M,salem, Ain Shams University, Egypt.
9. Prof.Dr.S.P.Manikandan, SVCE, TN, India.
10. Prof.Dr.G.Saravanakumar, Veltech Hightech DRR DRSR Engg. College, TN, India.
11. Prof.Dr.S.Arumugam, GRT Inst. of Engg. and Tech., TN, India.
12. Prof.Dr.R.S.Rajesh, M S University, TN, India.
13. Prof. Dr.K.Muneeswaran, Mepco Schlenk Engg. College, TN, India.
14. Prof. Dr.T. Chellatamilan, Arunai Engineering College, TN, India.
15. Prof.Dr.R.M.Suresh, Sri Lakshmi Ammal Engg. College, TN, India.

#### LOCATION

Kings Engineering College is located at Irungattukottai, Sriperumbudur Taluk on the Chennai - Bangalore National Highway, just 20 km from the periphery of the Greater Chennai Metropolitan city of Tamil Nadu State.





# KINGS

## ENGINEERING COLLEGE

Irungattukottai, Sriperumbudur, chennai 602117, Tamilnadu, INDIA.



FOUNDER

### INTERNATIONAL CONFERENCE ON INNOVATIONS AND CHALLENGES IN ENGINEERING & TECHNOLOGY

## ICICET'18



Date: 7<sup>th</sup> April 2018  
Venue: College Auditorium

Organized By  
**KINGS ENGINEERING COLLEGE**

In association with







## About The Institution

KINGS ENGINEERING COLLEGE was founded by Late.Dr.Oorvasi D.Selvaraj M.A., M.Phil, and managed by the Chartian Educational and Health Trust, a Registered Trust of public nature for Educational and Charitable purposes in the year 2001.The Vision of Kings Engineering College is to provide industry relevant technical education, motivate our technocrats to carry out skilful research and encourage innovation and thereby uplift our society through technology. The college is approved by AICTE, New Delhi and affiliated to Anna University, Chennai, Tamil Nadu. The college offers the following 4 UG programmes Computer science Engineering, Information Technology, Electronics and Communication Engineering, Mechanical Engineering and one PG Programme M.E Computer Science Engineering. The college maintains high standard of education by providing a wide array of excellent academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for quality education. The management motivates all students to find a niche in the society by providing quality education, discipline and high level of placement.

## About The Conference

The ICICET-18 is multidisciplinary International Conference, serves as an outstanding platform for researchers to share their findings and thoughts with their fellow researchers across the world. This International conference aims to bring together leading academicians, industrialists, research scholars, scientists and students from various places in the world to exchange and share their experience and research results in computational model and recent trends in Engineering. The International conference will also help professionals to manage all aspects of learning and creating opportunities for the next generation workspace to develop their professional skills. The conference ICICET-18 reflects the current focus of global research, recent developments, challenges and emerging trends in the field of Computer, Communication, Electronics, Electrical, Mechanical, Civil and Information Technology. To exchange and share their experience and research results in computational model and recent trends in Engineering.

## COLLEGE VISION

The Vision of Kings Engineering College is to provide industry relevant technical education, motivate our technocrats to carry out skilful research and encourage innovation and thereby uplift our society through technology.

## COLLEGE MISSION

- Provide high Quality technical education in the major engineering disciplines through a creative balance of academic, professional and extracurricular programs.
- Prioritize quality teaching and adopt a variety of approaches and methods to draw upon current research and multiple theories of teaching and learning.
- Guide the students to earn secure careers and become a trend setter globally.
- Sponsor and educate less privileged with quality technical education.

## Conference Topics (Not Limited to)

### Computer Science & Information Technology :

Cloud Computing  
Data Mining  
Image Processing  
Wired and Wireless Communication Networks  
Web Services  
QoS  
Secure Computing  
Data / Network Security  
Distributed Computing -- P2P, Grid, Cloud  
Data Storage and Processing  
Mobile Computing  
Artificial Intelligence  
Software Engineering  
Agent Technology  
Internet of Things  
Underwater sensor Network  
Body sensor network  
Grid Computing  
Optimization Techniques  
Automata Theory

## Electronics and Communication Engineering

Recent Advances in Signal, Image and Video Processing  
Embedded Web Servers  
VLSI Design, Implementation & Application  
Optical and Microwave Communication  
Broadband and Cellular Network  
Evolutionary Computing Applications  
Health Technology  
Robotics  
Signal Processing for Communications  
Remote Sensing  
VLSI Signal Processing  
Electromagnetics  
Embedded Systems  
Power Electronics  
Smart Antena Systems

## Mechanical Engineering

Thermal Engineering  
Fluid Engineering Systems  
Heat Transfer  
Automotive Technoloty  
Sustainable Energy  
Machine Design & Dynamics  
Vibration & Control  
Nano Technology  
Industrial Engineering  
Robotics  
Fracture Mechanics  
CAD/CAM/CIM  
Tribology  
Composite Material  
Green Manufacturing  
Product Development & Strategies  
Rapid Prototype & I.C. Engines  
Mechatronics & MEMS  
Safety reliability & Risk Management

## Paper Submission

Prospective authors are kindly invited to submit full text papers including results, tables, figures and references. Full text papers (doc.) will be accepted by Email- icicet18@gmail.com. All submitted articles should report original, previously unpublished research results, experimental or theoretical. Articles submitted to the Conference should meet these criteria and must not be under consideration for publication elsewhere.

## Important Dates :

Submission of Full Paper : 18<sup>th</sup> Jan 2018  
Intimation about Acceptance : 15<sup>th</sup> Feb 2018  
Submission of Camera Ready Paper  
& Last Date for Registration : 15<sup>th</sup> March 2018

## Journal Publication :

The accepted papers of ICICET '18 will be published in INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGY in COMPUTER SCIENCE AND ELECTRONICS (IJETCSE): ISSN: 0976 – 1353 as a Special Issue which is indexed by Google Scholar, Scribd, Slideshare Etc. Selected paper will be recommended to Scopus and Open access journal on the willingness of the authors with additional publication fee by journal.

International Journal of Engineering & Technology(UAE)  
ISSN: 2227-524X (SCOPUS INDEXED ID : 21100805731)

## Registration :

All accepted papers must be registered to ensure that the paper is included in the Proceedings of the conference and the journal.

Only registered authors are allowed to present their papers. Registration fee includes conference kit, lunch and snacks.

Registration Fees to be paid by DD in favour of "Kings Engineering College", payable at Chennai.