



www.conferenceworld.in

# K S R Institute for Engineering and Technology

Approved by AICTE, Affiliated to Anna University, Chennai  
(Mechanical, EEE, ECE, CSE & IT UG programmes are Accredited by NBA)  
Tiruchengode, Namakkal District, Tamil Nadu, India, Pin- 637215



www.iardo.com

www.ksriet.ac.in

## International Conference on "Challenges and Opportunities for Innovation in New Normal Scenario"

### Hon. Chief Patrons

Lion Dr.K.S.Rangasamy MJP  
Founder & Chairman - KSRIET  
Thiru R. Srinivasan B.B.M.  
Vice-Chairman - KSRIET

### Hon. Chief Guest

Prof. Dr. Suresh S. Iyengar  
Chief Executive Officer & International Member,  
World Confederation of Petroleum Association,  
USA & UK Member

### Convenors

Dr. A. Kalavathi  
Director - Research & Development

### Organizers

Dr. E. Govindaraj  
Professor, Department of Computer Science & Engineering, MES College of Engineering,  
Thiruvananthapuram, Kerala, India

### Advisory Committee Members

Dr. P. Thangadurai  
Professor, Department of Computer Science Engineering, Pondicherry Engineering College, ECR Road & VSR Street,  
Puducherry, India

Dr. J. Suresh  
Professor, Department of Mechanical Engineering, Muthayammal Engineering College, Ranipet, Tamil Nadu, India

Dr. T. Senthilvelan  
Professor, Department of Mechanical Engineering, Pondicherry Engineering College, Puducherry, India

Dr. V. Vinayakumar  
Associate Professor, IIT Madras, Chennai, India

Dr. Jayanthi Menon Chavara  
Quality Assurance Head / Lecturer, Electrical and Electronics Section, Higher College of Technology, Muscat

Dr. Ganapathi Thangavel  
Program Director - Information Systems Engineering, Electrical and Electronics Engineering Section, University of  
Technology, Applied Sciences, Muscat, Oman

Prof. Dr. Vijay Singh Rathore  
Professor, Dept. of Computer Science and IT, IS (Deemed to be University), Jaipur, India

Prof. Dr. Vijayakumar Vaidyanathan  
Adjunct Professor, School of Computer Science and Engineering, The University of New South Wales, Sydney, Australia

Dr. K. Rangaswami  
Professor & Head - CSE, Information Science and Engineering, The Oxford College of Engineering, Bangalore, India

Dr. T. Ramani  
Senior Lecturer - Electrical & Electronic Engineering Department, Universiti Teknologi PETRONAS, Perak, Malaysia

Dr. R. Rajasekhar  
Research Scientist, Philips Research Asia, Bangalore, India

Dr. S. Manoj  
Associate Professor - Dept. of EEE, National Institute of Technology, Tiruchirappalli, India

Dr. R. Manjula Devi  
Department of Electrical & Electronics Engineering, Jawaharlal Nehru Technological University, Rajamahendravaram, India

Prof. Pratik Nageshwar  
Professor - Physics, National Institute of Technology, Durgapur, India

Dr. N. Vijayan  
Principal Scientist & Associate Professor (ICSI), Indian Reference Materials (IRM) Division, CSIR-National Physical  
Laboratory, New Delhi

### Conference Committee

Dr. P. Mounishiji Devi  
Director - Academics  
Dr. P. Mounishiji Devi  
Director - R & D Development  
Dr. R. Nandakumar  
Director - Administration  
Dr. R. Jayabharathi  
Controller of Examinations  
Dr. J.C. Ramesh  
Associate Professor & Head - Planning and Monitoring  
Dr. P. Gopinath  
Associate Professor & Head - Mechanical  
Dr. P. Venkatesh  
Professor & Head - EEE  
Mr. P. Gopinath  
Associate Professor & Head - EEE  
Dr. M. Vinayaka Devi  
Associate Professor & Head - CSE  
Dr. C. Srinivasan  
Professor & Head - IT  
Dr. C. Srinivasan  
Assistant Professor & Head - English  
Dr. S. Manoj  
Assistant Professor & Head - Chemistry  
Dr. S. Manoj  
Associate Professor & Head - Mathematics  
Dr. A. Manoj  
Associate Professor - Mechanical  
Dr. A. Manoj  
Associate Professor - EEE  
Dr. M. Gopinath  
Associate Professor - ECE  
Dr. S. Srinivasan  
Associate Professor - CSE  
Dr. R. B. Madhava Kumar  
Associate Professor - IT  
M. S. Manoj  
Assistant Professor - English

### About College

The K S R Institute for Engineering and Technology is another landmark of the Aarshi Educational & Charitable Trust which has the privilege of sprawling education proportionally to the society. It has been founded in the year 2011 by the man of great insight, Thiru. R. Srinivasan. He is the younger son of Lion Dr. K.S. Rangasamy whose altruism enlightens the society. His constant dreams and endeavors erected the dome of knowledge for quenching the long unanswered quest among the blooming minds. The embellishment of the college holds the new doctrine of teaching, will be ideal for students to kindle the dormant spirit towards learning. The college is an optimal place for pedagogical as well as ethical values. The proficient stream of faculty along with the well-equipped laboratories and technical support foresee the dream of the students.

The International conference is structured to cover the following themes but not limited to the following topics. The papers from emerging area of research are invited on following topics but not limited to:

#### Technical Session 1 | Mechanical

- Design Engg.
- Manufacturing Engg.
- Thermal Engg.
- Industrial Engg.
- Nano and Bio Materials
- Robotics and Dynamical Systems

#### Technical Session 3 | Science & Humanities

- Semiconductor Device
- Material Science
- Nanotechnology
- Green chemistry
- Computational and Polymer chemistry
- Pure and Applied Mathematics
- Graph Theory
- Statistics
- Professional Communication
- Enhancing LSRW skills of Rural Students

#### Technical Session 2 | ECE, EEE

- 5G Communication Systems
- LiFi/WiFi and SigFox
- Artificial Intelligence and Applications
- Embedded System - Internet of Things
- Wireless Network Communication Technologies
- Nanoelectronics systems, components & devices
- Applications in Industrial Engg.
- Power Electronics and Drives
- Embedded Systems and Applications
- Renewable Power Conversion Technologies and Smart grids
- Electric Vehicles
- Soft Computing Techniques in Power Systems
- Instrumentation and Control

#### Technical Session 4 | CS & IT

- Machine Learning and Pattern Recognition
- Big Data Analytics
- Virtualization and Autonomic Computing
- Augmented and Virtual Reality
- Internet of Things
- Cyber Security
- High Performance Computing
- Artificial Intelligence
- Cyber Physical Systems
- Cloud Computing
- Medical Image Processing
- Block Chain Technology
- Mobile Computing
- Wireless Sensor Networks
- Data Science

Mode of Presentation  Online  Offline

1. Author can directly present paper through Video Conferencing
2. Author(s), those fail to attend the conference can send the power point presentation of maximum 10 slides on editor@conferenceworld.in
3. Author can record their Presentation and can share through WhatsApp

#### Important Dates

Last Date of Paper Submission	25 March 2021
Notification of Status of Paper	Within 5 days after receiving the paper
Registration (Deposit/Publish fee)	Within 5 working days from the date of acceptance
Date of Conference	03 April 2021

Indexed By:



Note: - International Conference Proceeding will be published with ISBN number. Each author will get two certificates (International journal Publication & Conference Presentation)

Note: Authors of selected articles will get an online conference link (Google Meet)

#### Awards

Best Presentation Award  
www.conferenceworld.in

The Chairperson and Co-Chairperson will select a paper for Best Presentation Award

#### KSR Institute for Engg. and Technology

Approved by AICTE, Affiliated to Anna University, Chennai

Email: editor@conferenceworld.in

www.conferenceworld.in

www.ksriet.ac.in

Phone: (+91) 7830301515, 9759005373

Phone: (+91) 7830301515, 9759005373

Follow us



Date: 03 April 2021  
Mail Research Paper at:  
editor@conferenceworld.in

#### Highlights of the Conference

1. All the accepted papers authors will be published in the international journals having ISSN & Impact factor.
2. Every author will get two certificates, one for paper publication in Journal other for paper presentation in conference.
3. All the papers of the conference will be published in the conference proceeding with ISBN.
4. All the accepted will be indexed in Google scholar & IDIB.
5. Research Paper in absentia is also acceptable.

#### Fee Details:

Non- Author Participation (Only for attending the conference) : 500 INR  
Presenting the paper in the conference (Max 3 Authors in a paper) : 1000 INR  
Publication in conference proceeding with ISBN (Max 3 Authors in a paper): 1500 INR  
Publication in conference proceeding with ISBN and Publication in Journal: 2500 INR (Peer Reviewed), 8000 INR (UGC Care listed/Web of Science), 12000 INR (Scopus)  
If More than three authors, each additional author will have to pay 500 INR.  
Page Limit 12, INR.100 will be Charge for each additional page.  
Hard copy of Proceeding will be provided @ INR 1000/ USD50.

#### KSR Institute for Engg. and Technology

Approved by AICTE, Affiliated to Anna University, Chennai

Email: editor@conferenceworld.in

www.conferenceworld.in

www.ksriet.ac.in

Phone: (+91) 7830301515, 9759005373

Phone: (+91) 7830301515, 9759005373

Follow us