



# K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY

**AN AUTONOMOUS INSTITUTION**  
Approved by AICTE, New Delhi & Affiliated to Anna University Chennai  
Accredited with 'A+' grade by NAAC, ISO 9001:2015 Certified institution  
Samayapuram, Trichy - 621 112



**AICTE SPONSORED**

## INTERNATIONAL CONFERENCE ON NEWER ENGINEERING CONCEPTS AND TECHNOLOGY - 2K22

**28 & 29 April 2022**

### K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY

K.Ramakrishnan College of Technology (Autonomous), Tiruchirappalli, was established in the year 2010. The institution is Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC with A+ Grade. The institution offers 7 UG programmes (Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Artificial Intelligence & Data Science and Artificial Intelligence & Machine Learning) and 4 PG programmes (Computer Science and Engineering, Power Electronics and Drives, VLSI Design, and Embedded System Technologies). The institution stands 10th rank among 539 Engineering colleges affiliated to Anna University Chennai, in the rank list published on May 2016 based on the university examination pass percentage. The institution has consistently secured within top 25 ranks since it is established. The institution was ranked 22nd in the CSR-GHRDC Engineering Colleges Survey 2016 in India, under the category of "OUTSTANDING ENGINEERING COLLEGES OF EXCELLENCE". The institution has well established research laboratories such as Additive Manufacturing, Intel Intelligence lab, e-Yantra lab, etc. The institution has signed MOU with Intel, National Research Centre for Banana (ICAR), SIMENS Lab (NIT), etc. for providing Skill based training to the students. The institution attracts outstanding students by virtue of its Discipline, infrastructure, library and faculty members. Our Institution has received funds from MODROBS, CSIR, ICMR and many other funding bodies.

### INSTITUTE VISION

To serve the society by offering top-notch technical education on par with global standards.

### INSTITUTE MISSION

We will strive to

M1: Be a center of excellence for technical education in emerging technologies by exceeding the needs of the industry and society.

M2: Be an institute with world class research facilities.

M3: Be an institute nurturing talent and enhancing the competency of students to transform them as all-round personality respecting moral and ethical values.

### ICONNECT 2K22

The International Conference on Newer Engineering Concepts and Technology (ICONNECT-2K22) provides an international platform to share wide knowledge among young researchers, academicians, students and delegates from various industries that will result in development of the personal and technical skills by sharing delightful knowledge. The conference will feature lectures from eminent personalities all around the world. Students and young researchers will have a unique chance to be acquainted with the latest innovative ideas.

### OBJECTIVES

- To provide a platform to the academicians from a range of disciplines and countries, industrialist and researchers to exchange their knowledge and share their experience in the emerging fields of Engineering, Technology, Science and Humanities.
- Disseminate the expertise of research scholars and transfer knowledge to the student community for sustainable growth.



### TOPICS (NOT LIMITED TO)



#### CIVIL ENGINEERING

- Geotechnical Engineering
- Structural Engineering
- Environmental Engineering
- Transport Engineering
- Environmental Engineering
- Water Resource Engineering



#### COMPUTER SCIENCE AND ENGINEERING ARTIFICIAL INTELLEGECE (AI&DS/AIML)

- Data mining
- Block Chain Technology
- Software Engineering
- Green Computing
- Data Science
- Business Analysis
- Data Analysis
- Machine Learning
- Wireless Sensor Networking
- Cloud Computing



#### ELECTRONICS AND COMMUNICATION ENGINEERING

- Wireless & Optical Sensor Network
- Communication & Image processing
- Wireless & Computing Communication
- IOT & Medical Electronics
- Quantum computing & Optimization techniques



#### ELECTRICAL AND ELECTRONICS ENGINEERING

- Power Electronics
- Power Systems Modelling
- Renewable Energy
- Restructuring & De-regulation
- Recent Trends in Power generation
- High Speed Data in Mobile Networks
- Artificial Neural Network
- Digital Scent Technology



#### MECHANICAL ENGINEERING

- Advanced Machining Processes
- Automation for Industrial Safety
- Process Optimization
- Material Management
- Industry 4.0
- Logistics and Supply Management
- Alternative fuels and Renewable Energy for Modern Industries
- Nanotechnology
- Fabrication and Testing of Composites



#### SCIENCE AND HUMANITIES

- Computational Mathematics
- Medical Physics
- Nano Technology
- Techniques of Teaching grammar
- Sustainable Market Development
- Combinational and Computational Mathematics
- Polymer Chemistry



All the papers presented in the conference will be published in Internal journal of Engineering Research and Technology under author consent.

#### SCIENCE CITATION INDEXED / SCOPUS/ WEB OF SCIENCE INDEXED JOURNALS

- Journal of Nanomaterials (SCIE)
- Advances in Materials Science and Engineering (SCIE)
- AIP Conference Proceedings (SCOPUS) - Communicated
- Lecture Notes in Mechanical Engineering (SCOPUS) - Communicated
- Materials Today Proceedings (SCOPUS) - Communicated



### KEYNOTE SPEAKERS



**Dr. Hadi Nabipour Afrouzi**  
Swinburne University of  
Technology  
Malaysia



**Dr. Elammaran Jayamani**  
Swinburne University of  
Technology  
Malaysia



**Dr. S.Indran**  
King Mongkut's University of  
Technology North Bangkok  
(KMUTNB), Thailand

### REGISTRATION

CATEGORY	INDIAN DELEGATES (₹)	FOREIGN DELEGATES (USD)
BUSINESS EXECUTIVES/ GENERAL	2500	50
ACADEMICIANS/ RESEARCH SCHOLARS	2000	40
PG STUDENTS	1500	30
UG STUDENTS	1000	25
LISTENER	250	NO CHARGE

### ACCOUNT DETAILS

ACCOUNT NUMBER	910010029508085
ACCOUNT TYPE	SAVINGS
BANK NAME	AXIS BANK
NAME OF THE ACCOUNT	K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY
BRANCH	MANNACHANALLUR
IFSC	UTIB 0001367
MICR	62021

### IMPORTANT DATES

FULL LENGTH PAPER SUBMISSION	10-04-2022
DATE OF NOTIFICATION	20-04-2022
LAST DATE FOR REGISTRATION FEE	25-04-2022
CONFERENCE	28-04-2022 & 29-04-2022



Papers must be submitted in word format  
(with 1.5 line spacing and in single column  
format)

### CONTACT

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