**KGISL Institute of Technology**

***Department of Information Technology***

ICREST – 2018

Web Site Requirements

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**Home**

**About Instituton.**

KGiSL Institute of Technology was started in the year 2008 by Padmashri Dr. G. Bakthavathsalam, MS, FICS, FCCP, FAMS, FMMC, founder-chairman of KG hospital. It is affiliated to Anna University, Chennai. The institution offers 7 programs. The main objective of the KGiSL Institute of Technology is to provide industry embedded education and to mould the students for leadership in industry, government, and educational institutions; to advance the knowledge base of the engineering professions; and to influence the future directions of engineering education and practice. KGiSL Institute of Technology is an industry-sponsored institution par excellence. The educational programs in the college emphasize the understanding of fundamental principles and prepare an individual for a lifetime learning and professional growth.

Photo of KITE

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**About ICRESET**

ICRESET 2018: International Conference on Recent Explorations in Science, Engineering And Technology aims to bring together leading academic scientists, researchers, research scholars and industry professionals to exchange and share their experiences and research results on all aspects of information technology. We solicit both academic, research and industrial contributions. We welcome technical papers presenting research and experimental results, position papers addressing the pros and cons of specific proposals, such as those being discussed in the standard for industry consortia and survey papers addressing the key problems and solutions on any of the topics listed below or research papers on work in progress. Submitted conference papers will be reviewed by technical committees of the conference. We encourage original papers to be submitted in IEEE template in pdf through email.

**About Departments**

***IT***

The B-Tech degree programme is a 4-year course in Information Technology and is organized it on a semester pattern from the second semester to the eighth semester, the first semester being common to all branches of Engineering. The students of IT department are specifically trained in the areas of computer hardware, software engineering and communication Technologies.

***ECE***

The department of Electronics and Communication Engineering was started in the year 2008 and the ece-final department offers undergraduate, and postgraduate in Applied Electronics. The total sanctioned student strength is 310 for UG and 18 for PG. Our department has always been interested in developing Engineers by keeping pace with changing technologies, professionalism, creativity research and employability. The department has well established laboratories, Equipment facilities, with qualified and experienced faculty members to run these Programme. The exciting world of electronics needs very good mathematical background and also an analytical mind.

***CSE***

Computer science is at the intellectual forefront of the digital revolution cse-500that will define the 21st century. In the last three decades, Computer science has grown from a somewhat obscure academic discipline into one of the driving forces of technological advance. Contrary to popular belief, the job market in computer science is robust and growing. Over the next several decades, computer scientists will continue to reshape the world in which we live. The jobs of tomorrow will use technologies not yet invented. Many of the software and hardware tools that enable these technologies are being invented by Computer Professionals. Such innovation requires dedication to learning, in the classroom, in the research laboratory, and throughout one’s professional career.

***MECH***

Department of Mechanical Engineering was started in the year 2008. It has a Dynamic mechanical-dept team of well qualified and industrially experienced faculty headed by Prof Lakminarayanan. Mechanical engineering is the discipline that applies the principles of engineering, physics, and materials science for the design, analysis, manufacturing, and maintenance of mechanical systems. It is the branch of engineering that involves the design, production, and operation of machinery. It is one of the oldest and broadest of the engineering disciplines.

***CIVIL***

Department of Civil Engineering is the oldest among the entire department in the facultycivil\_engineering\_1 of engineering. It is called the “Mother of all Engineering”. Civil engineering is field of engineering sciences, related to design, construction and maintenance of buildings, dams, bridges, tunnels, highways and other structures by the use of physical laws, mathematical equations and theories of mechanics. Civil Engineers utilize the available resources (expertise, materials, manpower) to complete the project in the given time span keeping in view the time, expenditure, environmental issues and physical hazards of the project.

***S&H***

Department of Science and Humanities follows the curriculum of Anna University, Chennai. It inculcates the knowledge in the basic subjects of Engineering, Which are Mathematics, Physics, Chemistry and English, Which are to be the foundation of Engineering. Science and Humanities teaches not only sciences it cultivates humanistic among students in the very first year itself. The Department has dedicated faculty members who are totally committed to their profession.

**Call for Papers**

***CSE & IT Stream***

* + Artificial Intelligence and Robotics
  + Augmented & Virtual Reality
  + Data Science and Big data Analytics
  + IoT and Embedded Systems
  + Cloud computing
  + Machine Learning
  + Image Processing
  + Natural Language Processing
  + Networking and Network Security
  + Ubiquitous Computing
  + Wireless & Sensor Systems
  + Software Engineering

***ECE Streams***

* Wireless sensor networks
* Artificial intelligence and Neural networks
* Signal processing
* VLSI Design
* Nanotechnology
* Embedded systems
* Image processing
* Medical Electronics
* Communication Systems
* Wearable Electronics

***MECH & CIVIL Streams***

MECH

1. Computational Fluid Dynamics
2. Welding Technology
3. Advanced Manufacturing Technology
4. Energy and Green Energy Engineering
5. Thermal Engineering
6. CAD & CAM
7. Design Engineering
8. Advanced Material Science

***CIVIL***

***S&H Streams***

Physics:

1. Nanophysics

2. Solid State Physics

3. Astrophysics and Space Science

4. Nuclear Physics

5. Quantum Physics

6. Radiation Physics

7. Thin Films

8. Geophysics

9. Ultrasonics

10. Plasmaphysics

Chemistry:

1. Nano Science & Technology

2. Green Chemistry and Technology

3. Nuclear Science & Technology

4. Biotechnology & Innovations

5. Polymers and Supramolecular Chemistry

6. Drug Design and Development & Therapies Environmental Chemistry

7. Chemistry of Energy & New Fuels

8. Water Chemistry

Mathematics:

1. Integral and differential Calculus

2. Difference and Functional Equations

3. Discrete Mathematics

4. Field Theory and Polynomials

5. Fluid Mechanics and Solid Mechanics

6. Functions of a Complex Variable

7. Fuzzy Mathematics

8. Numerical Analysis

9. Operations Research, Optimization

10. Ordinary and Partial Differential Equations

**Committees**

**Organizing Committee**

List yet to conform

**Accommodation Committee**

List yet to conform

**Help Desk**

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**Registration**

**Fee Details**

For students – Rs. 1500

For Industry Persons – Rs. 3000

**Author Instructions regarding Fee:**

1) It is compulsory for at least one author to get registered for the conference.

2) For UG/PG/Research Scholar, if your Co-Author is your Guide then we can provide Certificates to them. (For only 1 Co-Author – GUIDE). For example, if you and your Guide are the authors of the paper, then we can provide certificates for both. No need for Separate Registration for your Guide.

3)All accepted papers will be published in International journal for Trends in Engineering & Technology and best papers will be published in Anna University Annexure-II Journals.

**Registration Kit**

* Participation in Technical Program
* Conference Bag
* Conference Proceedings (CD Format)
* Stationary Kit
* Publishing Certificate
* Snacks & Lunch

**Important Dates**

Abstract submission – 20th October 2018.

Full Paper Submission – 15th November 2018.

Notification of Acceptance –

Registration –

Conference - 22nd and 23rd of February 2019.

**Advisory Team**

**CHIF PARTON**

**Dr. Ashok Bakthavatsalam**

Managing Director

KG Information Systems Private Limited

Coimbatore.

**PARTON**

**Dr. Ravichandran Rajagopal**

Secretary

KGiSL Educational Institutions

Coimbatore.

**CONVENOR**

Dr. D.Lakshmanan

Principal

KGiSL Institute of Technology

Coimbatore.

**KEY NOTE SPEEKERS**

Yet to conform

**Submission**

**Criteria for Submission of Abstracts**

***Proposals should be***

* 250 words or less in length
* reflective of at least one of the themes of the conference
* relevant to the target audience
* Original and offering insight, must be sent along with declaration by the author

in Microsoft Word format to allow for ‘blind’ evaluation by the selection panel

***Presentations should be***

20 minutes in length plus 10 minutes for Q&A

Please note that the working language of the conference is English.

**Submission of Proposals**

Abstract-Template

Full Paper-Template

We invite proposals addressing the themes of the conference and are particularly interested in those describing practical approaches, research case studies and innovative perspectives on challenges in language teaching and assessment. Papers addressing the needs of candidates with special needs are particularly welcome.

Speakers can choose to do an oral presentation / an online presentation. For all types of proposals, speakers are expected to submit an abstract for blind review process.

Accepted papers will be published in conference proceedings.

All accepted papers will be published in International journal for Trends in Engineering & Technology and best papers will be published in Anna University Annexure-II Journals.

**Publications**

Yet to conform

**Contact**

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Saravanampatti, Coimbatore – 641035.

Phone : 0422 441 9999

Email:

Facebook:

Map and QR Code of the location.