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### REGISTRATION FEES

- ◆ Researcher / Student / Academic Faculty INR 7500/-
- ◆ Industrial Participants INR 9000/-
- ◆ Foreign Delegates US \$300
- ◆ Foreign Students US \$250

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### IMPORTANT DATES

- ◆ Paper Submission : May 02<sup>nd</sup> 2018
- ◆ Acceptance & Notification : May 10<sup>th</sup> 2018
- ◆ Registration and Camera ready : May 12<sup>th</sup> 2018

ABSTRACT SUBMISSION  
Send us all the paper at  
[info@icriset.com](mailto:info@icriset.com)



### Contact Us

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“Inculcating Values, Promoting Prosperity”

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## International Conference on Recent Innovations in Science, Engineering and Technology (ICRISET- 18)

website: [www.icriset.com](http://www.icriset.com) | email id: [info@icriset.com](mailto:info@icriset.com)

18<sup>th</sup> & 19<sup>th</sup> May, 2018

Organized By

**HIRASUGAR INSTITUTE OF TECHNOLOGY**

NIDASOSHI, TALUK: HUKKERI, DIST: BELGAVI, KARNATAKA- 591236

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## ABOUT HIRASUGAR INSTITUTE OF TECHNOLOGY

The Institute was established in the year 1996 with the singular objective of offering technical education to the rural community of North Karnataka. It made a beginning with 4 streams namely Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering. In the beginning itself, it received an overwhelming response from student planning to pursue technical education. The institute has been provided with a state of art laboratories, Library and Transport facilities to the students. It has highly qualified faculty and supporting staff. The Institute is affiliated to the Visvesvaraya Technological University (VTU) Belagavi and recognized by All India Council for Technical Education (AICTE) New Delhi. The college is listed at SI.No E040 in the KEACET Bulletin and SI.No E111 in COMED-K. The institute is spread over 48.28 acres of land. The campus has all the basic amenities for the overall personality development of the student with the spacious infrastructure. During academic year 2014 PG in Thermal Engineering and Research Center at Mechanical Engineering Department (Recognized by VTU) were added. It has grooming technical competent engineers to serve the industry and society intum with the humane approach. Training and Placement cell actively developing the students to the expectations of the employer. English professional communication skills are imparted to the students to develop the language proficiency. The campus host academic blocks, staff quarters, gym facility, hostels, bank, canteen, clinic and transportation facility which makes the HSIT experience truly and enriching.

The Institute offers 4 years full time Bachelor of Engineering (B.E.) degree courses in 04 disciplines and 2 years full time Post Graduation(M.Tech) course in 01 discipline.

### UG Programs:

- Computer Science & Engineering
- Electronics Communication & Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering

### PG Program:

- M.Tech in Thermal Engineering

The Institute's main objective is to provide effective technical education and make the students to become better citizens and accomplished technocrats of our nation. It also helps students to achieve success in their life by helping the students to get recruited into various national and multinational organizations.

### Our Vision & Mission

#### Vision

"To be a preferred institution in Engineering Education by achieving excellence in teaching and research and to remain as a source of pride for its commitment to holistic development of individual and society".

#### Mission

"To continuously strive for the overall development of students, educating them in a state of the art infrastructure, by retaining the best practices, people and inspire them to imbibe real time problem solving skills, leadership qualities, human values and societal commitments, so that they emerge as competent professionals".



## ABOUT LABTECH INNOVATIONS™

Labtech Innovations™, Chennai is one of the India's foremost and a fast growing professional association for research development and promotion in the field of Engineering, Technology & Science operating under Dexorty Innovations Pvt. Ltd. Labtech Innovations™ is a paramount body which is on the track of bringing a rapid technical revolution and sustainable development in the field of Engineering, Technology & Science by facilitating knowledge flow from institution to institution & industry to institution & vice versa.

The ace organization is supported by its International Advisory Board(IAB) which is not limited to the subcontinent rather we have geniuses from the middle east and European to boost our organization. LABTECH is collaborated with leading technical institutes including Universities and research centers to promote the exchange of technical knowledge among the student's fraternity. Today LABTECH INNOVATIONS is one of the foremost publishers of research papers in high-quality peer-reviewed, indexed journals proceeding and research magazine.

## ABOUT THE CONFERENCE

We are glad to announce the International Conference on Recent Innovations in Science, Engineering & Technology (ICRISET), Nidasoshi during 18th and 19th May 2018 in association with Labtech Innovations. All the submitted research articles will be peer-reviewed by the program and technical committees of the conference. ICRISET-18 will provide an excellent international forum for sharing knowledge and results in Emerging Technological Innovations in Sciences, Engineering, Technology and Management. The aim of the Conference is to provide a platform to the researchers and practitioners from both academia as well as industry to meet & share the cutting-edge developments in the field of engineering technology.

## SCOPE OF THE CONFERENCE

- ❖ All the accepted papers will be published in the conference proceedings
- ❖ All the accepted paper will be published in relevant Scopus Indexed International Journals as well as in Anna university Annexure I Journals
- ❖ Awards will be given for the best research paper as well as best paper presentation
- ❖ Delegates with research activities and innovative ideas which may be beneficiary for humanities will be funded through Labtech Innovations™ Research Funding Scheme

## CALL FOR PAPERS

The full text paper should be in MS Word one Column format (font - Times New Roman, Size -12, Line Spacing 1.5) Original contributions are solicited on topics covered under broad areas such as (but not limited to)

## Electronics and Communication

- ❖ Analog and digital signal processing
- ❖ Image processing & Speech processing
- ❖ Cognitive radio networks
- ❖ Wireless-mobile communication and technologies
- ❖ VLSI, Embedded
- ❖ Wireless systems
- ❖ 4G-5G Cellular communications

## Electronics and Instrumentation

- ❖ Industrial Control And Automation
- ❖ Smart Sensors
- ❖ Machine Vision System
- ❖ Industrial Internet of Things
- ❖ Process Modelling and Simulation

## Electrical and Electronics Engineering

- ❖ Renewable and Sustainable Energy Management
- ❖ Smart Grid
- ❖ Digital Control of Electric Drives
- ❖ Recent Trends in Automation
- ❖ Modern Converters for Industrial Applications

## Computer Science Engineering

- ❖ Big data analytics, Cloud Computing, Data Mining
- ❖ Parallel, Distributed Computing and Ubiquitous Computing
- ❖ ICT and IOT, Advanced algorithms and complexity
- ❖ Mobile, Wireless and Sensor Networks
- ❖ Artificial Intelligence, Neural Networks and machine learning
- ❖ Network Security, Software Engineering, Bio-Informatics
- ❖ Human computer interaction
- ❖ Programming languages and environment
- ❖ computer graphics and visualization

## Civil Engineering

- ❖ Use of industrial waste
- ❖ Structural analysis and design
- ❖ Social and environmental research
- ❖ Life-Cycle analysis, Micro climate

## Mechanical Engineering

- ❖ Advanced battery and fuel cell development for electric vehicles
- ❖ Structure, Materials, Design
- ❖ Production and Tribology
- ❖ Biomass fuelled power-plant
- ❖ Design Engineering
- ❖ Manufacture Engineering
- ❖ Thermo Fluid

## Aeronautical Engineering

- ❖ Aerodynamics, Aircraft Materials and Structures
- ❖ Aerospace Propulsion, Avionics
- ❖ CFD, Aircraft Maintenance
- ❖ UAV / MAV

## General Science

- ❖ Photonics, Condensed matter physics
- ❖ Nano technology, Astrology and Astrophysics
- ❖ Green chemistry and engineering for sustainable future
- ❖ Water: From pollution to purification
- ❖ Nano sciences, Operations research
- ❖ Computational Fluid Dynamics
- ❖ Algebra, Number Theory, Graph Theory
- ❖ Fuzzy Sets & Logics Numerical Analysis

