

ORGANIZING COMMITTEE

Chief Patron

Dr.R.Vasanthakumar
Chairman and Managing Trustee, Karpagam Charity Trust

Patron

Shri.K.Murugalah
Chief Executive Officer, Karpagam Educational Institutions

Chairman

Dr.P.Vijayakumar
Principal

Convenor

Dr.S.Angel Latha Mary, Professor and Head/ CSE

Co-ordinator

Dr.M.Prakash, Professor/ CSE
Dr.P.Murugeswari, Professor/ CSE

Executive Members

Dr. S. Kannimuthu, Assoc. Prof.
Dr. K.S. Bhuvaneshwari, Assoc. Prof.
Dr. P.M. Arun Kumar, Assoc. Prof.
Dr. S. ArulAntron Vijay, Asst. Prof.
Ms. E. Rama Kalaivani, Asst. Prof.
Mr. G. Ashokkumar, Asst. Prof.
Ms. J. Kiruba, Asst. Prof.
Ms. S. Rama Mani, Asst. Prof.
Ms. K. Subhashree, Asst. Prof.
Ms. D. Arthi, Asst. Prof.
Ms. D. Mohanapriya, Asst. Prof.
Ms. R. Nandhini, Asst. Prof.
Ms. P.V. Ashwathy Devraj, Asst. Prof.
Ms. S. Yamuna Devi, Asst. Prof.
Ms. A. Senthil Anandhi, Asst. Prof.
Ms. B. Vaishnavi, Asst. Prof.
Ms. K. Keerthika, Asst. Prof.
Ms. K. Arputha Ajitha Rose, Asst. Prof.



Rediscover | Refine | Redefine

Approved by AICTE Affiliated to Anna University

Autonomous | Accredited by NAAC with A grade

14th INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS AND CONTROL (ISCO'20) 9th and 10th January, 2020

MANUSCRIPT SUBMISSION GUIDELINES

The authors are expected to submit their original research papers, which have not been submitted elsewhere in other Conferences/ Journals and should not exceed more than six pages and must be in English language. All the papers will be reviewed by the expert committee and the corresponding author of the selected paper will be informed through e-mail. Papers received after the deadlines will not be accepted. Minimum one author should register and present the selected paper. Individual registration is mandatory for individual participation certificate. All accepted and registered papers will be published in conference proceedings. Extended Papers will be double blind peer-review to Publish in WoS/ SCI/ SICE/ Scopus Journals with additional charge and authors consent.

High Quality Papers will be short-listed for possible publication in

- * Journal of Ambient Intelligence and Humanized Computing - ISSN - 1868-5145 - SCIE
- * Cogent Engineering - ISSN: 2331-1916 - ESCI
- * Journal of Mechanics of Continua and Mathematical Sciences - ISSN: 0973-8975 - ESCI
- * International Journal of Pervasive Computing and Communications - ISSN: 1742-7371 - Scopus
- * International Journal of Emerging Technologies - ISSN: 0975-8364 - Scopus
- * Journal of Green Engineering - ISSN: 1904 - 4720 - Scopus

REGISTRATION FEE

S.No.	Category	CSI members (in Rs)	Non-CSI members (in Rs)	Foreign Delegates
1	Student	1000	1500	150 USD
2	Faculty / Research scholars	1500	2000	200 USD
3	Industry Person	2000	2500	250 USD
4	Non-Author/ Co-Author	500	600	100 USD

MODE OF PAYMENT

Mode 1: Demand Draft

The Registration fee is to be paid by DD drawn in favour of 'Karpagam College of Engineering' payable at Coimbatore and send the same to the convenor along with the registration form.

Mode 2 : ONLINE PAYMENT BANK DETAILS

Name of the Bank : Lakshmi Vilas Bank



Account Type : Current Account
NEFT IFSC Code : LAYB000195

Swift MICR code number of the Bank and Branch: 641050104

Account Holder's Name: KARPAGAM COLLEGE OF ENGINEERING

Bank Address : Ezhakarai-ECY(KCE),Othakkalmandapam, CBE-641032

Bank Account number:019535100000021



Dates to Remember

Last date of Paper Submission : 30.11.2019
Notification of Acceptance : 01.12.2019
Registration : 01.12.2019
Final Paper Submission : 09.12.2019
Conference Date : 09.01.2020 and 10.01.2020

Registration fee includes softcopy of conference proceedings, kit, refreshment, and lunch.
Please note that registration fee does not include Journal publication fee and accommodation.

For enquiries please contact:

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Address for Communication:

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Knowledge Partners



Organised by
Department of Computer Science and Engineering
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VISION

* To become one of the best institutions at the National and International level by incorporating innovative teaching-learning methods to enable the students to secure a high-value career, motivate to pursue higher education and research to serve the society.

MISSION

* To bring out knowledgeable engineers and professionals in their field of specialization by having qualified and trained faculty members and staff besides necessary infrastructure and to create highly conducive teaching and learning environment.

* To work in close association with stakeholders by way of enhanced industry-institute interaction, to take up need based research and industry specific programmes.

* To organize co-curricular and extra-curricular activities for character and personality development to produce highly competent and motivated engineers and professionals to serve and lead the society.

ABOUT THE COLLEGE

Karpagam College of Engineering is one of the institution and run by Karpagam Charity Trust is established in the Year 2000, is an Autonomous Institution, approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The College offers various Under Graduate and Post Graduate Engineering programmes. The College is accredited by NAAC with A Grade, TCS, Wipro and NBA accredited four departments Computer Science and Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering. More than 4000 students and 400+ teaching and non-teaching staff member. Karpagam College of Engineering strives to impart quality education and an excellent career start to all its students. The Placement and Training facilities add a feather to its cap ensuring the students get placed on campus. The Center of Excellence strives to impart practical and experimental exposure to the students and serve as a window to the corporate world. The College is situated Myleripalayam, 15 kms from Coimbatore Central Railway station. The serene location surrounded by green fields and rich clusters of coconut groves creates a calm atmosphere conducive to learning and growth. Infrastructure with well-equipped laboratories and libraries, well maintained Playgrounds, Hostels, Gymnasium and an Indoor Stadium.

OBJECTIVE OF CONFERENCE

Karpagam College of Engineering has been successfully organizing the International Conference on **"INTELLIGENT SYSTEMS AND CONTROLS (ISCO)"** since 2006.

The themes of ISCO in the previous conferences

- * Emerging Global Technologies in the E-car
- * Technologies Enhanced Learning
- * Microsystems Technology and its Application
- * Robotics and Automation
- * Green Computing and Networking
- * Intelligent System for Smarter Planet
- * Green and Sustainable Technologies
- * Green Challenges and Smarter Solutions
- * Green Technologies for Global Economic and Social Development

ISCO 2006 was conducted in association with Oakland University, U.S.A. with the goal to accelerate the international exchange of ideas and scientific knowledge in the field of technological application. In continuation to that 14th International conference on INTELLIGENT SYSTEMS AND CONTROLS (ISCO-2K20) is scheduled on 9th and 10th January 2020.

THEME OF ISCO 2020

Theme of ISCO2020 is "Smart and Sustainable Intelligent Technologies for Digital World" engineers have been contributing more powerful and useful smart learning algorithms to enhance the performance of intelligence technologies to today's digital world. Many of the challenges and issues are found while developing smart and sustainable intelligent system. Developing an effective and efficient artificial intelligent method for enhancing the performance of an intelligent system has been a critical issue today, because several studies on deep learning and intelligent system have shown the possibilities of artificial intelligence technologies in recent years. The International Conference on Intelligent System and Control (ISCO 2020) will present a platform that focuses on the critical research issues for the smart and sustainable intelligent technologies for the digital world and it will create a positive impact around the world.

TOPICS

CALL FOR PAPERS

We welcome technical papers presenting research and practical result, various domain area outlined and other relevance area to the theme of the conference

MECHANICAL AND AUTOMOBILE TECHNOLOGIES

- * Green Logistics and Supply Chain Management
- * Smarter Materials and Nano Materials
- * Optimization Techniques/Reverse Engineering
- * CAD/CAM/ CIM
- * Robotics/Mechatronics
- * Renewable Energy/Storage/ Management
- * Safety, Reliability and Risk Assessment
- * Fracture Mechanics
- * Advanced Materials and Manufacturing

- * Thermal Management/Heat Transfer
- * Product Development Strategies
- * General Mechanic
- * MEMS/NEMS Technologies and Applications
- * Intelligent Transportation Systems
- * Green Manufacturing
- * Fluid Engineering Systems and Technologies
- * Dynamic, Vibration and Control

ELECTRICAL, INSTRUMENTATION, CONTROL AND OPTIMIZATION

- * Energy Storage Devices and Systems
- * Flexible AC Transmission Systems
- * Intelligent Energy Distribution and Management
- * Power Electronics and Drives /Power Quality Issues
- * Adaptive and Learning Control
- * Nonlinear Systems
- * Process Control Engineering
- * Industrial Automation/Renewable Energy Applications
- * Control Systems
- * Distributed Control System
- * Sensor Networks
- * Soft Computing
- * Swarm Intelligence
- * System Identification
- * Virtual Instrumentation
- * Earth Station System and Technology
- * Fuzzy Expert Systems
- * Fuzzy Logic Control
- * High Voltage Engineering
- * Intelligent Automation
- * Intelligent Instrumentation
- * Mimetic Computing
- * Multi-Objective Optimization
- * Multivariable Control
- * Millimeter Wave Technologies
- * Artificial Intelligence
- * Neuro-Fuzzy Control
- * Non Linear Control Optimization Algorithm
- * PLC,SCADA Based Systems
- * Power Systems
- * Renewable Energy
- * Robotics and Automation

ELECTRONIC AND COMMUNICATION TECHNOLOGIES

- * Ad Hoc Network and Wireless
- * Communication Technologies
- * Digital Signal Processing/Image Processing
- * VLSI Design and Technology
- * Optical Network and Switches
- * Embedded System and Technologies
- * Artificial Neural Networks
- * Biomedical Signal Processing
- * Communication Techniques
- * DSP and FPGA Based Systems
- * Medical Imaging
- * Modeling and Simulation
- * Airborne Vehicle Communication
- * Telemetry and Telecomm and Systems
- * Satellite Technology
- * Spectrum Management
- * MMIC and CMOS Circuits
- * Materials for Electronics
- * RF Sensors and MEMS
- * Smart Sensors
- * Speech and Image processing
- * Wireless Communication
- * RFID Systems and Applications
- * Nano- Electronics
- * Digital Multimedia Systems
- * Antenna Systems
- * Cognitive Radio Design
- * Optical Communication
- * Telecom Management
- * CAD for VLSI
- * Nano- fabrication and Computing
- * Integration of Electronics Systems
- * ASIC and SOC

CIVIL ENGINEERING TECHNOLOGIES

- * Green Environmental Management Systems
- * Smarter Structures and Materials
- * Nano technology in Civil Engineering
- * Hydro Power Engineering/Water Resources
- * Bridge and Tunnel engineering
- * Innovative Application of Geo Synthetics
- * Innovative Materials in Pavement
- * Pollution Prevention/Recycling
- * Transportation and Climate Changes
- * Building Energy Conservation and Green Architecture

COMPUTING AND INFORMATION TECHNOLOGIES

- * Artificial Intelligence/Semantic Web and Ontology
- * Database Management Systems
- * Data Warehousing and Mining
- * Grid Computing/Cloud Computing
- * Distributed Parallel Computing
- * Computational Methods, Algorithm and Scientific Application
- * Web Services
- * Computer Networks
- * Cryptography
- * High Performance Computing and Networks

ADVISORY COMMITTEE

- * Dr.Ahmed Zobia, Brunel University, London.
- * Dr.Akhtar Kalam, Victoria University, Australia.
- * Dr.Ed Dawson, Queensland University of Technology, Australia.
- * Dr.Surjith Kumar P, Mapletree Investments Pte Ltd. Singapore.
- * Dr.Vincenzo Piuri, University of Milan, Milano, Italy.
- * Dr.Xiao-Zhi Gao, Aalto University, Finland.
- * Dr.Chih-Ping Tso, Multimedia University,Kuala Lumpur, Malaysia.
- * Dr.Khaled Kamel, Texas Southern University, Houston.
- * Dr.Usha Devi G, VIT University, Vellore.
- * Dr.Suresh Alex, Professor, Bharath University, Chennai.
- * Dr.N.M.Saravanakumar, Professor, Vivekanandha College of Engg. for Women, Namakkal.
- * Dr.V.D.Ambeth Kumar, Professor, Panimalar Engineering College, Chennai.
- * Mr.M.Sivakumar, CEO, ICT Academy of Tamilnadu, Chennai.