



## WORLD INNOVATION AND COMPUTING CONGRESS

22 - 24 MARCH 2018  
COIMBATORE, INDIA

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## WORLD INNOVATION AND COMPUTING CONGRESS

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22 - 24 MARCH 2018  
COIMBATORE, INDIA

*Organized by*



*Department of Computer Science and Engineering*  
**SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY**  
**Coimbatore - 641010**

## Table of Contents

• About Trust	1
• About SRIT	2
• About Department of Computer Science and Engineering	3
• World Innovation and Computing Congress (WICC)	4
• Organizing Committee	7
• Invited Talk	10
• Advisory Committee	12
• Important Dates	14
• Paper Submission	15
• Proceedings & Awards	16
• Technical Program Committee	17
• Organizing Committee	25
• Presentation and Tutorials	27
• Exhibit Proposals	28
• Sponsors	29
• Registration	30
• Payment Modes	31
• About Coimbatore	32



## About Trust

**SNR Sons Charitable Trust** was established on 9 February 1970 in order to fulfill the dreams of a great philanthropist and visionary **Sri. S.N. Rangaswamy Naidu** by his four sons, namely

- Late Sri. S.N.R. Chinnasamy Naidu
- Late Prof. P.R. Ramaswami Naidu (Former Principal, GCT, Coimbatore, India)
- Late Sri. R. Doraiswami Naidu and
- Late Sevaratna Dr. R. Venkatesalu Naidu

**Late Sri. S. N. Rangaswamy Naidu** was a devotee of Sri Ramakrishna Paramahansa. He was interested in welfare to mankind and wanted to eradicate ignorance and disease by providing education and medical facilities to the poor, the weak and the needy.

SNR sons Charitable Trust envisions to build bridges between the rural and the urban, leveraging the power of education to unleash the potential from the kindergarten to the doctorate level and providing best state-of-the-art facilities in the healthcare areas. The trust strives fervently to remove ignorance and disease especially from the poor by breaking all barriers towards acquisition of quality education and medical relief.

Deeds of giving are the very foundations of this Trust. The Trust aims to alleviate poverty and illiteracy thereby increasing the independence of the target population so that they become self reliant socially, economically and contribute in the development of community, society and nation.

The present Board of Trustees are:

- Thiru. R. Vijayakumhar, Managing Trustee
- Thiru. D. Lakshminarayanaswamy, Joint Managing Trustee
- Thiru. S. Narendran, Trustee
- Thiru. R. Sundar, Trustee

The Trust successfully manages 14 organizations significantly catering to the social causes of society focusing on Health Care and Educational Service. Every stratum under this umbrella demonstrates the power and purposeful philosophy to facilitate transformative change and to build an inclusive nation.

## About SRIT

Sri Ramakrishna Institute of Technology (SRIT) is an Autonomous institution established in the year 2002. SRIT is one among the fourteen leading institutions governed by SNR Sons Charitable Trust that includes Polytechnic College, Schools, Dental College, College of Pharmacy, Physiotherapy, Arts and Science, and Advanced Training Institute. SNR Sons Charitable Trust is a non-profit organization which possess 40 years history of leadership and excellence in the fields of health care and education.

Our institution has been scaling new heights ever since its inception. SRIT contributes to the higher education scenario in India by offering 6 under graduate programmes and 5 post graduate programmes in Engineering and Technology. Our Institution is nationally recognized by statutory bodies like **NAAC** and **NBA** for its applied approach to Engineering education.

SRIT strongly motivates research culture among faculty and students. Many research papers are published consistently in various refereed International and National Journals by our faculty. The college has made several innovations in teaching and learning practices which have helped for the smooth functioning of the academics. These innovations have also reflected its excellence in administration and other levels of the college functioning. Innovative practices for teaching and learning are introduced by various departments of the Institution and hence, it has trained and produced a unique class of engineers.

As an **Autonomous institution**, we empower individuals to challenge conventional thinking in pursuit of original ideas. Students develop critical, analytic, and writing skills in our rigorous, interdisciplinary core curriculum. Our strong connections to industry boost these opportunities by providing students with access to placements. We are committed in our core activities so our students can have a valuable and enjoyable experience that prepares them well for the rest of their intellectual, professional and personal lives.



# About Department of Computer Science and Engineering

The Department of Computer Science and Engineering (CSE) was formed in the year 2002. We offer outstanding undergraduate degree programmes - a four year B.E. Computer Science and Engineering with the **three specialized tracks**:

- Artificial Intelligence
- Cyber Security and Forensics
- Social Mobility Analytics and Cloud

We also offer M.E. and Ph.D. Programme in Computer Science and Engineering. Correspondingly, we attract excellent students and produce extremely talented graduates who are making their mark in the national and international market. Students have access to the latest technology and specialized labs in research areas such as artificial intelligence, cyber security and mobile computing and the opportunity to be part of exciting research projects in and out of the classroom. The Department has state-of-the-art infrastructure and computing equipments supported by high speed Internet and wireless networks. The B.E. - Computer Science and Engineering Programme was accredited by the **National Board of Accreditation**, New Delhi on Outcome Based Education.



# **World Innovation and Computing Congress (WICC)**

The Department of Computer Science and Engineering, Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, INDIA is conducting a Global Summit titled "**World Innovation and Computing Congress (WICC) 2018**" during **March 22-24, 2018**.

This summit will mark a **global visibility** and provide a unique platform to bring various research scholars, academicians, industrialists and students having affinity towards various research areas across the world, including India, to discuss the present state of technology and innovations, its relevance and also the challenges faced by them in India and abroad.

WICC 2018 focuses on both theory and applications in the broad areas of Innovations and Computing. WICC is a multidisciplinary conference organized with the objective of bringing together people working in all areas of Innovation and Computing. The conference will provide the authors and listeners with opportunities for national and international collaboration and networking among universities and institutions from India and abroad for promoting research and developing technologies.

The conference will provide the flavor of keynote address by eminent speakers from different areas, Panel Discussion by industry people, Project Exhibition, Hackathon, Workshops, Tutorials and Poster Presentations. The scope of the conference includes all areas of Innovations and Computing.

## **Themes**

Our first annual summit, **WICC 2018**, is targeted to be a leading conference on smart Innovations and Computing which represents the latest trends of Computing Advances in today's era of Knowledge and Technology.

The major tracks of the summit are:

- Cluster and Cloud Computing
- Machine Learning
- Social Mobility Analytics and Cloud
- Internet of Things (IoT)
- Artificial Intelligence
- Cyber Security
- Web standards
- Ubiquitous computing and
- ICT for Education
- Image Processing

Original contributions from researchers are invited that illustrate their original, unpublished research results, projects, surveying works and industrial experiences which is not currently under review by another conference or journal and addressing state-of-the-art research that describe significant advances in the following areas, but are not limited to.

# World Innovation and Computing Congress (WICC)



## INNOVATION IN CLUSTER AND CLOUD COMPUTING

- Novel innovative algorithms on clusters
- Innovative application studies on large-scale clusters
- Hybrid programming techniques
- Innovative Energy-efficient cluster architectures
- Performance evaluation tools
- Architecture for converged HPC/Big Data clusters
- Programming models for converged HPC/Big Data systems
- Fault tolerance and high-availability
- Visualization clusters and tiled displays
- Cluster architectures for Big Data storage and processing
- File systems and I/O libraries
- Cluster security
- Cluster system-level protocols and APIs
- Cluster system software/operating systems
- Accelerators/ManyCore and heterogeneous clusters

## INNOVATION IN MACHINE LEARNING

- Innovative reasoning, learning and association rules
- Connectional learning and clustering
- Goodness measures and evaluation
- Inductive learning including decision tree and rule induction learning
- Organizational learning and evolutional learning
- Probabilistic information retrieval
- Classification and Model Estimation
- Automatic Semantic Annotation of Media Content
- Feature Grouping, Discretization, Selection and Transformation
- Learning/adaption of recognition and perception
- Learning of Visual Ontologies
- Nonlinear Function Learning and Neural Net Based Learning
- Statistical and Evolutionary Learning
- Support Vector Machines
- Speech Analysis
- Learning for modern robots

## INNOVATION IN SOCIAL MOBILITY ANALYTICS AND CLOUD

- Big data and Social Media Analytics
- Big Data Cloud Analytics
- Business Analytics and Big Data
- Customer Experience Management
- Online Listening
- Sentiment analysis
- Social Marketing
- Social Media Analytics
- Security and privacy applications
- Real-life case studies of value creation through advanced data analytic
- Data and Knowledge Management
- Context-awareness and Location-awareness
- Performance Evaluation and Modeling
- Next Generation Networks
- Traffic Theory, Modeling and Simulation
- User Evaluations and Case Studies
- Wireless Systems and Applications
- e-Government, e-Commerce, e-Science and Creative Technologies

## INNOVATION IN INTERNET OF THINGS

- Intelligent Systems for IoT and Services Computing
- Energy Efficiency
- Future of IoT
- Technological focus for Smart Environments
- Next Generation Networks
- Smart City Examples and Case Studies
- Data Analysis and Visualization for Smart City, Green Systems and Transport Systems
- Architecture for secure and interactive IoT
- Intelligent Infrastructure and Guidance Systems
- Pattern Recognition and Behavioral Investigations for Vehicles, Green Systems and Smart City
- Health Informatics
- Software Engineering Approaches, including Formal Methods, Agile Methods and Theoretical Algorithms for IoT
- System Design and Architecture
- Mobile APIs, Apps, Systems and Prototype
- Energy-saving and Green IT Systems or Applications

## INNOVATION IN ARTIFICIAL INTELLIGENCE

- Smart Approaches in Automation and Robotics
- Remote and Telerobotics
- Prototypical Applications
- Humanoid Robots: New Developments
- Affective computing
- Robot Manipulators: Trends and Development
- Computational Intelligence and Soft Computing
- Machine learning and statistical methods for data mining
- Neural Networks
- Deep Belief Network
- Fuzzy Logic
- Evolutionary Algorithms (EA)
- Genetic Algorithms (GA)
- Artificial Immune Systems And Support Vector Machines
- Decision/Utility Theory and Decision Optimization
- Description Logic and Ontologies
- Distributed Intelligence
- Smart Applications of AI

## INNOVATION IN ICT FOR EDUCATION

- Innovation in ICT for effective Teaching and Learning
- Disruptive Learning Technologies
- Social Media for Innovative Classes
- Methodology and Didactics of Teaching and Using ICT
- Advances in and Tools for Technology Enhanced Learning
- Balance between Theory and Practice in Curriculum Design
- ICT Competence Design and Development
- Quality Assurance of ICT Education
- Professional Retraining and Life-Long Learning using ICT
- Infrastructures and Framework Conditions for ICT Education
- Modeling Systems in Education
- Preparing teachers for effective learning
- Engaging students in classroom interaction
- Social and cultural values in teacher education
- Digital Technologies for Collaborative Learning
- Contemporary issues in pedagogy

## INNOVATION IN IMAGE PROCESSING

- Image Processing for Autonomous Vehicles
- Image Processing for VR Systems
- Deep learning for Images and Video
- Computer Vision Algorithms and Technologies
- Medical Image and Video Analysis
- Compression, Transmission, Storage, Retrieval
- Filtering, Transforms, Multi-Resolution Processing
- Biometrics, Forensics, and Content Protection
- Visual Quality Assessment
- Video Processing and Analytics
- Restoration, Enhancement, Super-Resolution
- Biological and Perceptual-based Processing
- Multi-Temporal and Spatio-Temporal Processing
- Multi-View, Stereoscopic, and 3D Processing
- Image and Video Analysis for the Web

## INNOVATION IN CYBER SECURITY

- Information Security
- Computer Network Security
- Web Services Security
- Mobile Security
- Cyber Forensics
- Security in Middleware, Interface and Interaction
- Digital Trust and Reputation
- Policy, Legal, Legislation & Compliance
- Big data architectures for network security
- Detecting security threats in social networks
- Advanced Networking, Cloud Computing and Cyber Physical Systems
- Challenges, Opportunities, and Dimensions of Cyber-Physical Systems
- Cyber Intelligence and Information Integration
- Industrial Cloud-Based Cyber-Physical Systems
- Modeling and Analysis of Safety-Critical Cyber Physical Systems
- Vehicular Cyber-Physical Systems and Cloud Computing

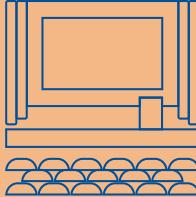
## INNOVATION IN UBIQUITOUS COMPUTING

- Autonomic Computing
- Utility Computing
- Grid and Peer-to- Peer Computing
- Energy-Efficient Ubiquitous Computing
- Wearable Computers
- Parallel and Distributed Computing
- Modelling and Analysis of Ubiquitous Computing Systems
- Middleware and Agent Technologies
- Reliable and Trusted Computing
- Numerical Algorithms and Analysis
- Computational Simulation and Analysis
- Pervasive Health
- Ubiquitous Platforms
- Quality-of- Service
- Information Security and Privacy
- Ubiquitous Media Infrastructure
- Ubiquitous Sensor Networks / RFID

## INNOVATION IN WEB STANDARDS

- Intelligent web computing and applications
- Data semantics and web-centric systems
- Ontologies and conceptual data modeling
- Knowledge representation and reasoning
- Web information retrieval
- Software architecture and middleware
- Semantic and intelligent services
- Service implementation and deployment
- Web services for Internet of Things
- Mobile Web services
- Grid and utility services
- Embedded services
- Internet-based Services
- Web 2.0 and Web X.0 in Web services
- XaaS (everything as a service)
- RESTful Web services

**Chief Patron**



## Organizing Committee



**Thiru. R. VIJAYAKUMHAR,** B.E, M.S.(Michigan State), MBA(Michigan State),  
*Managing Trustee*

**SNR Sons Charitable Trust, Coimbatore, INDIA**



**Thiru. D. LAKSHMINARAYANASWAMY,** B.Tech., MBA(Pennsylvania),  
*Joint Managing Trustee*

**SNR Sons Charitable Trust, Coimbatore, INDIA**

**Patron**



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*Trustee*



**Thiru. V. RAMAKRISHNA**  
*Chief Operating Officer*



**Thiru. R. SUNDAR,**  
*Trustee*



**Ms. SWATHI ROHIT,**  
*Chief Business Officer*



**Thiru. C.V. RAMKUMAR**  
*Chief Executive Officer*

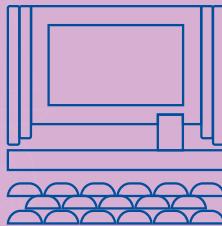
**SNR Sons Charitable Trust, Coimbatore, INDIA**

**Honorary Chair**



**Dr. A. EBENEZER JEYAKUMAR,** M.E., Ph.D.,  
*Professor & Director- Academics*

**SNR Sons Charitable Trust, Coimbatore, INDIA**



## Organizing Committee

### Conference Chair



**Dr. M. PAULRAJ,** M.E., Ph.D.,

*Principal*

Sri Ramakrishna Institute of Technology,  
Coimbatore, INDIA



**Prof. VINCENZO PIURI,**

*Professor, Dipartimento di Informatica*

University of Milan, ITALY



**Prof. SARTAJ SAHNI,**

*Distinguished Professor, Department of Computer & Information  
Science & Engineering*

University of Florida, USA



**Prof. SATTAR B. SADKHAN AL MALIKY**

*Professor, Digital Wireless Communication and Information security*  
IT College- University of Babylon- IRAQ



**Prof. TIMOTHY A. GONSALVES,**

*Director,*

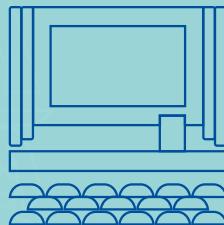
Indian Institute of Technology Mandi, Himachal Pradesh, INDIA



**Prof. AJAY GUPTA**

*Professor of Computer Science, Graduate Program Director and  
Director-Wireless Sensors Laboratory,  
Western Michigan University, USA*

### General Chair



## General Co-chair



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*Director (Undergraduate Program), Department of Computer Science  
College of Engineering and Applied Sciences  
University at Albany, State University of New York, USA*



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*Director, Computer Programs,  
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*Professor, Computer Science and Engineering  
National Institute of Technology, Tiruchirapalli, INDIA*



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*Associate Professor & Vice-Chairman,  
Computer Science & Engineering,  
Amrita University, Coimbatore, INDIA.*



### Prof. CHUN-I FAN

*Professor,  
Department of Computer Science and Engineering,  
National Sun Yat-sen University, Kaohsiung, Taiwan*

## Organizing Chair



### Dr. K.R.JOTHI, M.E., Ph.D.,

*Professor & Head, Department of Computer Science and Engineering,  
Sri Ramakrishna Institute of Technology,  
Coimbatore, INDIA*



## Invited Talk

### ACADEMICIANS



**Dr. PATRICIA ANTHONY**

*Department of Software and Information Technology*

**Lincoln University, New Zealand**



**Dr. RAJESH SIDDAVATAM**

*Vice Chancellor*

**Saveetha Amaravati University, Vijayawada, Andhra Pradesh, India**



**Dr. NILADRI CHATTERJEE,**

*Department of Mathematics, Indian Institute of Technology Delhi,*

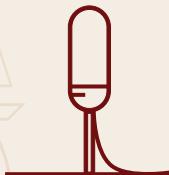
**New Delhi, India**



**Dr. SANJAY MISRA**

*Professor of Computer (Software) Engineering*

**Covenant University, OTA, Nigeria**



## Invited Talk

### ACADEMICIANS



**Dr. SUDIP MISRA**

Department of Computer Science and Engineering

Indian Institute of Technology Kharagpur, Kharagpur



**Dr. THINAGARAN PERUMAL,**

Department of Computer Science, Faculty of Computer

Science and Information Technology Universiti Putra Malaysia,  
Malaysia



**Dr. NARESH KUMAR,**

Global Entrepreneurship Research and Innovation Centre

Universiti Malaysia Kelantan City Campus, MALAYSIA



**Dr. CHITTARANJAN PRADHAN,**

Assistant Professor, School of Computer Engineering,

KIIT University, Bhubaneswar, INDIA

### INDUSTRIAL EXPERTS

- Mr.V. RAJAGOPALAN, Director- Business Development, KATSI India Pvt. Ltd., INDIA
- Mr. NAVEEN KRISHNAMURTHY, Director, Technology Services, Acodeidea Technologies Private Limited, INDIA



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- **Prof. Ganesan**, Professor, Oakland University, Rochester, USA
- **Prof. B V Babu**, Former Vice Chancellor-Graphic Era University & Galgotias University, INDIA
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- **Prof. Anirban Basu**, Professor, APS College of Engineering, Bangalore, INDIA
- **Prof. Pabitra Pal Choudhury**, Professor, Indian Statistical Institute, Kolkata, INDIA
- **Prof. Niladri Chatterjee**, Professor, Indian Institute of Technology Delhi, New Delhi, INDIA
- **Prof. Bhabatosh Chanda**, Indian Statistical Institute, Kolkata, INDIA
- **Prof. Venkatadri M**, Professor, University of Petroleum and Energy Studies, Dehradun, INDIA
- **Prof. Jimson Mathew**, Associate Professor, IIT Patna, INDIA
- **Prof. C Rama Krishna**, Professor, NITTTR (Ministry of HRD, Govt. of India), Chandigarh, INDIA
- **Prof.S.Arumugam**, Professor and Chief Executive Officer, Nandha Engineering College, Tamil Nadu, INDIA.



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- **Prof. A. H. Mir**, Dean, National Institute of Technology, Kashmir, INDIA
- **Prof. Akhilesh Swarup**, National Institute of Technology, Haryana, INDIA
- **Prof. Hemantha Kumar**, Chairman, University of Mysore, Mysore, INDIA
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- **Prof. K. Viswanathan Iyer**, Professor, National Institute of Technology-Tiruchirapalli, INDIA
- **Prof.T.G Basavaraju**, Professor and Head, Government SKSJ Technological Institute, Karnataka, INDIA
- **Prof. A. K. Misra**, Professor, MNNIT Allahabad, INDIA
- **Prof.Timothy A. Gonsalves**, Professor, School of Computing & Electrical Engineering and Director, Indian Institute of Technology Mandi, Himachal Pradesh, INDIA.
- **Prof.Prasad Reddy P.V.G.D**, Professor, Department of Computer Science & Systems Engineering, College Of Engineering Andhra University, Visakhapatnam, INDIA

# IMPORTANT DATES



1

Conference Date

**22-24 March, 2018**

2

Call for Papers

**25 September, 2017**

3

Paper Submission Deadline

**25 November, 2017**

4

Notification of Acceptance

**05 January, 2018**

5

Camera Ready Paper Submission

**15 January, 2018**

## Paper Submission

Prospective authors are invited to contribute to the conference by electronically submitting full papers in English (8 – 10+) pages including illustrations, tables and references. Papers have to be formatted following Springer CCIS style guidelines. Papers will be evaluated based on their originality, quality and significance of theoretical and/or practical contribution to Innovation and Computation. At least one author of each accepted paper must register at the conference. Papers will be selected for oral presentations or poster presentations. Only papers presented at the conference will be included in the proceedings.

## Submission information

All submissions will be **peer reviewed** for originality, technical content and relevance to the theme of this conference by **at least three members of the Technical Program Committee (TPC)**. The final acceptance will be based upon **double blind peer review** of the full-length paper. The conference management is done through **easychair**.

## Policy on Plagiarism

- Authors are required to adhere to the Policy and Procedures on Plagiarism.
- Authors are requested to kindly restrict from plagiarism in any form. Authors should submit their original and unpublished research work not under consideration for publication elsewhere.
- Papers found to be plagiarised during any stage of review shall be rejected and the report will be send to the institution.
- As per copyright transfer agreement, Authors are deemed to be individually and collectively responsible for the content of manuscripts published by them.
- Hence, it is the responsibility of each author to strive for the highest ethical standards with respect to plagiarism



## Proceedings

All orally presented papers will be submitted to **Springer's Communications in Computer and Information Science (CCIS)**. Springer CCIS Series is a satellite version of LNCS, which is indexed with world's leading Abstracting & Indexing (A & I) databases including DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago and Scopus. CCIS series H-Index is 19.

During the conference, digital versions of each paper (pdf) will be available in a conference pendrive. The proceedings will be available after the meeting to check paper presentation. Springer will take two months to publish the proceedings after the conference. Only papers presented in the conference will be included in the CCIS volume. The papers should be prepared following the instructions from Springer CCIS series.

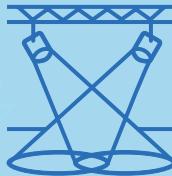
## Publication in Journal

Extended version of selected papers will be published in:

- **International Journal of Cluster Computing** - Indexed in Web of Science (SCIE - Science Citation Index Expanded) with impact factor 2.040, Scopus and UGC Listed and Anna University (Annexure 1) listed. [Approval Pending]
- **International Journal of Intelligent Decision Technologies** - International Journal indexed in Scopus, ACM Digital Library, Web of Science (ESCI) and UGC Listed.
- **ICTACT Journal on Communication Technology**
- **ICTACT Journal on Image and Video Processing**
- **ICTACT Journal on Soft Computing**

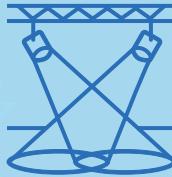
## Best Paper Awards

We are pleased to announce that an award consisting of a cash prize and a certificate will be given to author(s) of the best paper presented at WICC 2018. The aim of this award is to acknowledge and encourage excellence, originality and innovativeness of new models, methods and techniques with an outstanding theoretical contribution and/or practical contribution to the field of Innovations and Computing. The selection of the winner will be based on the evaluation and recommendations from members of the Program Committee and the evaluation of the WICC-2018 Award Committee. The awards will be announced at the closing ceremony of the conference.



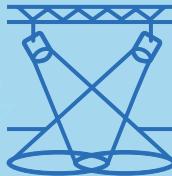
## Technical Program Committee

- **Dr.Natarajan Meghanathan**, Professor, Jackson State University, USA
- **Prof.Ir.Dr.Vigna Kumaran Ramachandaramurthy**, Institute of Power Engineering, Universiti Tenaga Nasional, MALAYSIA
- **Prof.Dr.Sanjay Misra**, Professor, Chair of Center of ICT/ICE-Software and Hardware, Covenant University, NIGERIA
- **Prof. Dipanwita Roy Chowdhury**, Chairman, Kalpana Chawla Space Technology Cell, IIT Kharagpur, INDIA
- **Dr.Atul Garg**, Associate Professor,M. M. Institute of Computer Technology & Business Management, Mullana (Ambala), INDIA
- **Dr.Sudhanshu Kumar Jha**, Assistant Professor, National Institute of Technology Jamshedpur, INDIA
- **Dr.Dilip Singh Sisodia**, Assistant Professor & Head, National Institute of Technology Raipur, INDIA
- **Dr.Sanjeev Kumar**, Professor & Head, Agra University, INDIA
- **Dr.P.S.Avadhani**, Principal, College of Engineering Andhra University, Visakhapatnam, INDIA.
- **Dr.Anil Kumar Dubey**, Associate Professor, Poornima Institute of Engineering & Technology, Jaipur, INDIA
- **Shri. Rakesh Kumar Sehgal**, Joint Director (Cyber Security) CDAC, INDIA
- **Dr.Sanjay Sood**, Jt. Director (Healthcare Informatics) C-DAC Mohali, INDIA
- **Prof. Ch A S Murty**, Joint Director C-DAC, INDIA
- **Dr.Neeta Singh**, Assistant Professor, Gautam Buddha University, Uttar Pradesh, INDIA
- **Dr.S.Mini**, Assistant Professor, National Institute of Technology Goa, INDIA
- **Dr.K.Shashi Prabh**, Shiv Nadar University, Uttar Pradesh, INDIA
- **Dr.Chittaranjan Pradhan**, Assistant Professor, KIIT University, Bhubaneswar, INDIA
- **Dr.D.Kavitha**, Professor, G.Pulla Reddy Engineering College, Kurnool, INDIA
- **Dr.T.S.Chandar**, Professor, PES University, Karnataka, INDIA



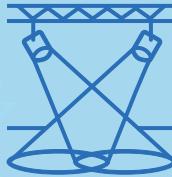
## Technical Program Committee

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- **Dr.Debashis De**, Professor, Maulana Abul Kalam Azad University of Technology, West Bengal, INDIA
- **Dr.V.K.Jain**, Professor & Dean, College of Engineering and Technology, Mody University, Rajasthan, INDIA
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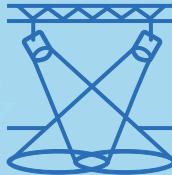
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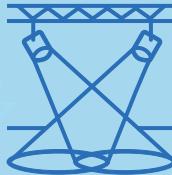
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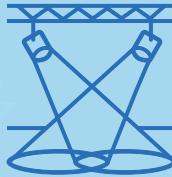
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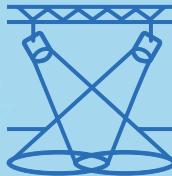
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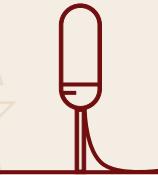


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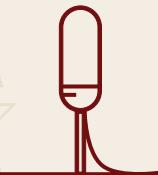
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# **Virtual Presentation (Video Conferencing) for Foreign Authors only**

We understand that some presenters will not be able to make a trip to Coimbatore to present their research paper/case study/work in progress and report, mainly due to financial and/or political restrictions on travel. The WICC-2018 has therefore instituted a virtual presentation system to allow the foreign authors of accepted papers the same publication opportunities as regular presenters. Research works submitted without the participant attending the conference in person, but presented via video-conferencing are refereed and published (if accepted) in the conference proceedings.

## **Sessions Speakers Participation**

The WICC 2018 invites speakers to share their knowledge on issues related to the conference Topics or subject matters of related research work. If anyone is interested in giving a talk without submitting a paper, please contact us through email "speakers@wicc.xyz" before November 25, 2017. The proposal will be reviewed by the Steering Committee. After acceptance, the person will receive a reply mail if any modification required. All accepted proposals will be published in the invited talk proceedings.

## **Workshops**

The WICC 2018 invites Resource Persons from reputed Industry/Researcher to share their knowledge on latest trends in computing. The WICC-2018 workshops are international forum for both researchers and industry practitioners to exchange the latest fundamental advances in the conference Themes and Practice Pedagogy, Open Learning, Distance Education, Math and Science Education, ICT, Language Learning, Education, E-Learning and other emerging research topics. The workshops offer a good opportunity for Industry/Researcher to present their work and to obtain feedback from an interested community.

If anyone is interested in organizing workshops for the WICC-2018, please email us to "workshop@wicc.xyz" before November 25, 2017. Workshop proposals will be reviewed by the Steering Committee. All the accepted workshop proposals will be included in the Workshop Proceedings.

## **Tutorials**

The role of the tutorials is to provide a platform for more intensive scientific exchange amongst researchers interested in a particular topic and as a meeting point for the community. Tutorials complement the depth-oriented technical sessions by providing participants with broad overviews of emerging fields. A tutorial can be scheduled for 1.5 or 3 hours. The WICC-2018 invites proposals for tutorials at "tutorials@wicc.xyz" before November 25, 2017. Tutorial proposals will be reviewed by the Steering Committee. All accepted tutorial proposals will be published in the tutorials proceedings.

## **Posters**

The WICC-2018 encourages the submission of poster proposals. The poster duration can be a day or throughout the conference. All the accepted posters and demos will be included in the posters proceedings. If anyone is interested in making Posters for the WICC-2018, please contact us through email your proposal to the "posters@wicc.xyz" by the November 25, 2017. Your Poster proposals will be reviewed by the Steering Committee. All accepted poster proposals will be published in the Posters Proceedings.

## **Panel Discussion**

Proposals from those who would like to facilitate a panel discussion are welcomed. The proposals may address any of the topics falling within the scope of the conference themes.

Panel Discussions provide an opportunity for public discussion amongst a selected group of panelists. Central to the success of a panel discussion is the choice of a good topic as the focus for discussion and panellists who bring different perspectives and are confident in making clear arguments in a live situation. Panels should comprise of three to five scholars who present their arguments; a discussant offers critical comment on the arguments made and the discussion is opened up to the participating audience.

The WICC-2018 will set aside space for those who wish to pursue discussion of a particular topic or issue. Interested individuals should submit a proposal not more than 400 words on or before November 25, 2017. In addition, the proposal should indicate the duration of the panel discussion (preferred duration is 90 minutes).

All accepted Panel Discussion proposal will be published in the panel discussion Proceedings. If anyone is interested in organizing Panel Discussion for the WICC-2018, please email us to the id "panels@wicc.xyz".

## **Exhibit Proposals**

The WICC-2018 also encourages organisations to submit their Exhibit Proposals. The WICC-2018 provides a unique opportunity for exhibitors to display both informative and creative view of their organizations, products and services. Featuring dozens of vendors and exhibitors, the WICC exhibit hall is a marketplace showcasing the educational community including those in the education field, those that support educators through products and services, and those whose accomplishments, and creative works, have been inspired by curriculums involving digital media.

If any organization is interested, kindly submit a brief Proposal (not more than 1 side of A4 page) to "exhibitors@wicc.xyz". Reserve your location now, because of limited space.

# Sponsors



The WICC-2018 seeks sponsors for its conference to be held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, INDIA. We have limited and unlimited patronage opportunities available and it is first-come, first-served.

- We anticipate to have 500 participants from various parts of the country and abroad. The participants are PG Students / UG Students / Researcher / Teachers / Industry Representatives across the globe. Also we have more than 2300 students in the campus.
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If the company or organization is interested in any of the above sponsorship, please feel free to contact us by stating the type of patron/sponsorship requested for.

# Registration

EARLY BIRD REGISTRATION - 1  
(up to December 10, 2017)

EARLY BIRD REGISTRATION - 2  
(up to January 10, 2018)

LATE REGISTRATION  
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## Registration Fees for Attendee/Listener

(Conference/Workshop/Tutorial/Invited Talks/Poster/Project Display)

Foreign Delegates: USD 100  
Indian Delegates: INR 3000  
Full Time Students: INR 1500

Please note that Attendee / Listener registration fee doesn't cover registration kit and proceedings.

The conference registration covers conference proceedings, conference kit, and admission to all workshops, coffee breaks, lunch and banquet. The registration doesn't cover accommodation, transportation etc.

## Registration Guidelines

- At least one of the author(s) should register to present the paper at the conference.
- For single paper, multiple authors can present with multiple registration fees (Conference committee may consider discount option)
- For a single author, multiple papers; the author has to give full registration fee.
- The certificate will be given to registered participant(s) only.

### Registration Fee includes

- Conference kits, Certificates
- High Tea and Working Lunch

### Accommodation

Accommodation will not be provided by the organizing committee. However, the conference committee can recommend some feasible hotels in the vicinity for the convenience of the participants. Also, Hostel Accommodation will be provided on payment basis, but limited seats only. For any assistance, feel free to contact the **Accommodation Chair**.

- There is no TA/DA sponsored by the conference committee
- Staying/Travel has to be borne by participants only

## Payment Modes & Instructions

- Pay through **PayuMoney** Payment Gateway
- Pay Online-NEFT / RTGS / Wire Transfer to CUB (City Union Bank).While making online payment, authors are further requested to mention their **Paper ID and Name in Payment Remark** to enable us to trace your payment in the Bank Statement. Kindly note to add the applicable bank charges, if any for online payment.
- The payment can be made in by **Demand Draft** in favour of "**SRIT-CSE Department**", payable at Coimbatore (INDIA) –Please write your **Name & Paper Id** in reverse of DD and send to below address (Kindly mention number of participants).

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**Department of Computer Science & Engineering**  
**Sri Ramakrishna Institute of Technology**  
**Pachapalayam, Peruchettipalayam**  
**Coimbatore - Pin 641 010**  
**Tamil Nadu, INDIA**

- No Cheque payment is accepted.

## About Coimbatore

**Coimbatore** is a major city in Tamil Nadu state of India. Located on the banks of the Noyyal River surrounded by the Western Ghats, it is the second largest city in the state after Chennai and 16th largest urban agglomeration in India. It is one of the fastest growing tier-II cities in India and a major hub for textiles, industries, commerce, education, information technology, healthcare, poultry and manufacturing in South India. It is often referred to as the "Manchester of South India" due to its cotton production and textile industries. Coimbatore is also referred to as the "Pump City" and it supplies nearly half of India's requirements of motors and pumps. The city is one of the largest exporters of jewelry, wet grinders, poultry and auto components with "Coimbatore Wet Grinder" and "Kovai Cora Cotton" recognized as Geographical Indications by the Government of India. The city is also known for its educational institutions. Coimbatore Agricultural University is renowned as one of the best colleges of its kind in South Asia. In spite of its industrial and technological growth, traditions and age old customs are still held in high esteem. The temples bear witness to the religiousness and love of art and architecture of the people. There are also a number of places of tourist interest around Coimbatore. Ootacamund (Ooty for short), is one of the most popular tourist spots in Coimbatore.



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22 - 24 MARCH 2018  
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- Worldwide ranking is 292 out of 4111 colleges around the world-HackerEarth
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