ADVISCY COMMITTEE
Ali Kashif Bashir, University of Faroe Islands, Denmark
Babak Moazzez, Kennesaw State University, USA
Chandrasekaran K, NIT, Surathkal
Dipak Ghosal, University of California, USA
Geoffrey Charles Fox, Indiana University, USA
Gopal A, CSIR, CEERI, Chennai
Gopalan N P, NIT, Trichy
John Ebenezer Augustine, IIT Madras, Chennai
Kannani S, PEC, Pondicherry
Kannan G, Indiana University, USA
Kinshuk, University of North Texas, USA
Kishore Kumar, NIT, Warangal
Krishna M Sivalingham, IIT Madras, Chennai
Lakshmivarahan S, The University of Oklahoma, USA
Leela Velusamy, NIT, Trichy
Madhu Kumar S D, NIT, Calicut
Mateen M. Rizki, Wright State University, USA
Mohan S Kanjanhalli, National University of Singapore, Singapore
Narayanasamy P, PSG, Coimbatore
Nicola Marchetti, Trinity College Dublin, Ireland
Nilavanal Rajagopal, Brunel University, UK
Nirmala Shenoy, Rochester Institute of Technology, USA
Palanisamy P, NIT, Trichy
Purusothaman T, GCT, Coimbatore
Rajkumar Buyya, The University of Melbourne, Australia
Raj K Bhatnagar, University of Cincinnati, USA
Ramanujam R, IIT Kharagpur
Rajkumar Buyya, University of Manitoba, Canada
Ravi Sankar, University of South Florida, USA
Ruppa K Thulasiram, University of Manitoba, Canada
Sasikumar M, CDAC, Pune
Srinivasan Narayamurthy, NetApp India Pvt. Ltd, Bangalore
Suvra Sekhar Das, IIT Kharagpur
Sridharan M S, Wipro Technologies, Chennai
Sridhar Raghikrishnan, University of Oklahoma, USA
Vaidheeswari Vijayakumari, VIT University, Chennai
Vallappan Raman, Swinburne University of Technology, Malaysia
Vincenzo Piuri, University of Milan, Italy
Vivekanandan Kumar, Athabasca University, Canada
Waleed Ejaz, Ryerson University, Canada
Xavier fernando, Ryerson University, Canada

ABOUT THE CONFERENCE

ICoAC 2018 is an international conference in the field of Computer Science and Communication, focusing to address issues and developments in advanced computing. This conference seeks to bring together international researchers to present papers and generate discussions in recent trends and developments of computing. The conference will feature a range of presentations on latest research activities as well as stimulating talks and keynote addresses. It is organized by the Department of Computer Technology annually during December.

Topics of interest include (but not limited to the following)

Social Computing
- Virtualization and Visualization
- Green IT
- Cluster Computing
- E-Commerce and E-Governance
- Natural Language Processing
- Sentiment Analysis
- Social Network Mining
- Semantic Web

High Performance Computing
- Pattern Recognition
- Image Processing
- Machine Learning
- Multicore/GPU Computing
- Soft Computing
- Compiler Optimization
- Cloud and Fog Computing
- Data Mining and Data Analytics

Network Sciences
- Ad hoc and Sensor Networks
- Network Security and Management
- Body Area Networks
- Neural Networks
- Vehicular Communication
- Next Generation Networks
- Public Safety Networks

Smart Computing
- Agent Based Systems
- Ubiquitous Computing
- Internet of things
- Access and Home Networks
- Smart Cities
- Evolutionary Computing

ORGANIZING COMMITTEE

Jayashree P
Valliyammai C
Ponsy R K, Sathia Bhamtha
Nancy Jane Y
Jayachitra V.
Muthurajkumar S
Murugan K
Muthumanikandan V
Fouzul Hidhaya S
Chandra Priya J

Varalakshmi P
Thanasekhar B
Neelavathy Parthi S
Kathirol R
Pabitha P
Ramesh P
Sudakar T
Bhuvaneswari A
Cinu C. Kiloor

10th INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING
December 13 - 15, 2018

ICoAC 2018
Organised by
Department of Computer Technology
Anna University

Sponsored by
IEEE

Patron
Dr. M.K. Surappa
Vice Chancellor, Anna University

Chairman
Dr. J. Kumar
Registrar, Anna University

Co-Chairman
Dr. A. Rajadurai
Dean, MIT Campus

General Chairs
Dr. Rajkumar Buyya
Director, CLOUDS
University of Melbourne, Australia

Dr. Mateen M. Rizki
Professor and Chair, Computer Science
Wright State University, USA

General Co-chairs
Dr. S. Thamarai Selvi
Director, CDIT, Anna University

Dr. P. Anandhakumar
Head, CDIT, Anna University

Convener
Dr. R. Gunasekaran
Department of Computer Technology

Department of Computer Technology

Dr. P. Anandhakumar
Dean, MIT Campus

Patron
Dr. M.K. Surappa
Vice Chancellor, Anna University
INSTITUTION PROFILE

Anna University was established on 4th September, 1978 as a unitary type of University. This University was named after Late Dr. C. N. Annadurai, former Chief Minister of Tamil Nadu. It offers higher education in Engineering, Technology, Architecture and Applied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities.

Anna University shall strive towards a World Class Institution by producing professionals with high technical knowledge, professional skills and ethical values. The University shall be a preferred partner to the industry and community for contribution towards their economic and social development by providing high quality manpower through excellence in teaching, research and consultancy.

Madras Institute of Technology (MIT) was started in 1949, by Shri. C. Rajam with a vision to provide strong technical base in various engineering disciplines for Independent India to compete in par with International Community. It was merged with Anna University in the year 1978. The Missile man and Former President of India Dr. A. P. J. Abdul Kalam is one of the eminent alumnus of Madras Institute of Technology. MIT has developed into an important centre of engineering education and earned reputation both in India and abroad.

The Department of Computer Technology at the MIT campus was formed by bifurcating the Department of Information Technology in the year of 2010 and offers Computer Science and Engineering programmes since 2001. This department promotes the pursuit of excellence in the field of Computer Science and Engineering. Ministry of Science and Technology sanctioned FIST program for this department in 2014. The CARE centre in the department is sponsored by Ministry of Communication and Information Technology (MCIT), Government of India. Next Generation Networks Lab (NGNLab) was established with DST-SERB sponsor. The department has established research laboratories in the areas of Big Data Analysis, Data Science, Grid Computing, Internet of Things, Media as a Service (MaaS), and Vision Intelligence.

PAPER SUBMISSION DETAILS

Prospective authors are invited to submit original unpublished research manuscripts that demonstrate current research in all areas of Advanced Computing. The full paper submission should be done through EasyChair conference submission portal. All submissions will be peer reviewed and evaluated based on originality, technical and research content, correctness, relevance to conference, readability, significance, presentation, and references. The submissions should be in English with at most 8 printed pages for Regular paper and 4 printed pages for Short paper using IEEE conference templates for LaTeX and Microsoft Word. Research ideas, in early stages of development with preliminary results and scope for further development can be submitted as Short papers by students and professionals.

PROCEEDINGS

Accepted research papers will be submitted for inclusion in IEEE Xplore Digital Library. The extended versions of high quality innovative research papers from the registered papers presented at the conference will be considered for publications in SCI and Scopus Indexed Journal.

IMPORTANT DEADLINES

<table>
<thead>
<tr>
<th>Component</th>
<th>Regular Paper</th>
<th>Short Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper submission</td>
<td>30th Oct, 2018</td>
<td>5th Nov, 2018</td>
</tr>
<tr>
<td>Notification of acceptance</td>
<td>15th Nov, 2018</td>
<td>15th Nov, 2018</td>
</tr>
<tr>
<td>Camera ready copy submission</td>
<td>25th Nov, 2018</td>
<td>25th Nov, 2018</td>
</tr>
<tr>
<td>Paper registration</td>
<td>25th Nov, 2018</td>
<td>25th Nov, 2018</td>
</tr>
</tbody>
</table>

For further details Contact: 
**Convener, ICoAC 2018**
Department of Computer Technology
MIT Campus, Anna University
Chennai 600 044
Email: icocac@mitindia.edu
Ph: +91 44 2251 6292/6222
[www.icocac.mitindia.edu](http://www.icocac.mitindia.edu)

REGISTRATION FORM

**Name**
**Gender**
**Organisation**
**E-Mail ID**
**Phone Number**
**Title of Paper/ID**
**Category**
**Payment Details**
**Mode of Transfer**
**DD Number**
**Date**
**Amount**
**Indian Delegates**
**Foreign Delegates**
**Date**
**Signature of the participant**

**MODE OF PAYMENT**

All payments are to be made by Demand Draft/Bankers Cheque drawn in favour of “ICoAC” payable at Chennai or through Bank Transfer.

**Indian Delegates**
$600

**Foreign Delegates**
$250

**Mode of Payment**

**Indian Bank**
Branch: Chromepet
Acc. Name: ICoAC
Acc. No: 968081377
Swift Code: IDIB000C028

**Indian Bank**
Branch: Chromepet
Acc. Name: ICoAC
Acc. No: 968081377
Swift Code: IDIB000C028