



# Amity International Conference on Artificial Intelligence (AICAI'2019)



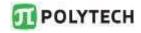
February 4-6, 2019

### Venue

Amity University Dubai Campus Dubai International Academic City, Dubai

Organized by
Amity Institute of Information Technology

Knowledge Partners













### **ABOUT AMITY UNIVERSITY**

It gives us immense pleasure to introduce to you Amity, India's Leading Education Group imparting education from Pre-Nursery to Ph.D. Amity is the leading unparalleled group of India with 23 years of educational experience, over 1,25,000 students studying across 1000 acres of hi-tech campuses and 4500 strong faculty led by various former Vice Chancellors. A milestone in Amity's unceasing endeavor for achieving educational excellence is the establishment of the Amity University Uttar Pradesh as a pace setting University. With the blessings of our beloved Founder President Dr. Ashok K Chauhan and under the vibrant leadership of dynamic Chancellor Dr. Atul Chauhan, University is committed to providing skills based quality education comparable to the best by international standards and it subscribes to the philosophy of blending modernity with tradition and nurturing talent. At Amity we are passionate about grooming leaders who are not only thorough professionals but also good human beings with values and Sanskars. This is just one of the many reasons why we are consistently ranked #1 .Amity's fast expanding network of globally benchmarked institutions has resulted in campuses across Dubai, London, Singapore, New York, Mauritius, China and Romania with further plans of establishing campuses in 25 countries. Amity is a leading Research and Innovation driven University, constantly ranked amongst the top and is accredited by prestigious organizations worldwide:

- QS Ranked Amity Amongst the Top Universities in Asia
- Recognized by University Grants Commission (UGC)
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- Accredited by NAAC with 'A' Grade
- Recognized as a Scientific and Research Organization by DISR, Ministry of Science & Technology, Government of India
- Accredited by Western Association of Schools and Colleges (WASC), ASIC & IET,UK

#### ABOUT AMITY UNIVERSITY DUBAI CAMPUS

Amity University Dubai Campus is committed to nurture talent through world-class education and conduct research in line with the UAE's vision for the future. Based out of the Dubai International Academic City, Amity University Dubai Campus rubs shoulders with the leading institutes and universities spread across North America, UK, Europe and Asia among others. This campus licensed by Knowledge and Human Development Authority, Government of Dubai offers 34 Under Graduate and Post Graduate degree programs in the cutting edge areas in line with the Government's national agenda.

### **Objective**

The AICAF2019: Amity International Conference on Artificial Intelligence aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results Artificial Intelligence and Machine learning. Focused on a cross-industry discussion, the conference will provide a platform to learn proven case studies and success stories across industries and the risks and potential, AI, Machine Learning and Soft Computing. The conference plays role of main axis to bridge the gap between two global knowledge antipodes, the academia and the industry, it also work as pool of information, which in future processed and stored as knowledge into the minds of participants and readers of the proceedings. The Conference will not only take stock of trends and developments at the globally competitive environment. Besides, it will help in sharing of experience and exchange of ideas, which will foster National and international collaborations. The Conference would be of immense benefit to Management, Researchers, Academicians, Industry and participants from Technical Institutes, R & D Organizations and students working in the field of AI.

### **Call for Papers**

Authors interested in presenting research papers of theoretical/applied nature or case studies are invited to submit their full length paper latest by 25 November 2018. The paper should include keywords/phrases, full address and email-id of corresponding author.

#### INFORMATION FOR SUBMISSION OF FULL PAPERS

Authors should prepare a pdf file version of their full paper of maximum 6 pages. Papers must be according to IEEE format. Accepted papers will be published in the Conference Proceedings provided at least one of the authors register and undertake to present the paper. Conference Kit will be provided only to the registered authors.

### **Registration Fee**

The registration fee includes Conference kit, lunches, tea/coffee and one conference dinner. The registration fee is to be paid by account payee demand draft in favor of "Amity University Uttar Pradesh" and payable at Noida, India. Conference Fee DOES NOT includes Transportation and Accommodation charges.

Category of Delegates				
	(Before 15 Dec 2018)		(Dec 15 to Dec 31 2018)	
	IEEE/CSI/ SREQOM MEMBERS	Others	IEEE/CSI/ SREQOM MEMBERS	Others
Author	300	375	400	475
Student Author	175	225	275	325
Poster Presentation	150	200	250	300
Attendee	125	150	225	250

### Accommodation

The accommodation will be arranged on paid basis in the nearby Hostels/Guest Houses/Hotels as per the availability and requirements. Group Pick up and Drop facility will be available from/to such places to/from the venue. If delegates have specific requirements, the same can be arranged on prior request.

## **Conference Topics**

The topics of the Conference would include but not restricted to:

### **Artificial Intelligence**

- Neural Information Processing Systems
- Pattern Recognition
- Computation Intelligence
- Disruptive Technologies
- Recommender Systems
- Sentiment Analysis
- Deep Learning And Real World Applications
- Intelligent Transportation System
- Natural Language Processing
- Pervasive Computing And Ambient Intelligence
- Machine Interface
- Learning And Adaptive Systems
- Social Human-Robot Interaction
- Demining Systems
- Intelligent Robots And Systems
- Mechatronics
- Computer Vision Algorithms And Technologies
- Multi-View, Stereoscopic and 3-D Processing
- Virtual Reality
- Computational Geometry
- Action Recognition
- Recognition: Detection, Categorization, Indexing and Matching
- Multimedia And Cognitive Informatics
- AI Application to Management and Business

### **Databases & Information Systems**

- Information Retrieval
- Knowledge Representation And Reasoning
- Big Data Analytics
- Knowledge Processing
- Biomedical & Medical Informatics
- Compression, Transmission, Storage.

- Intelligent Signal Processing
- Motion And Tracking

### **Image Processing**

- Filtering, Transforms, Multi-Resolution Processing
- Restoration, Enhancement, Super-Resolution
- Multi-Temporal And Spatio-Temporal Processing
- Medical Image And Video Analysis
- Computational Imaging
- Image Processing for VR Systems
- Image Processing For Autonomous Vehicles

### Networks, Communications and Cyber Security

- Internet-Of-Things
- Intelligent Virtual Agents
- Wireless Sensor Networks
- Software Defined Networks
- Smart Cites
- Intelligent Networks
- Intelligent Transport System and Smart Vehicles
- Distributed Intelligent Systems
- Cyber-Physical Systems And Security

### **Software Engineering & Reliability**

- Quality Assurance
- Reliable And Secure Communications
- Software Testing
- Software Reliability
- Power Systems Reliability
- Reliability And Maintenance Models
- Fault Tolerance In Hardware
- Intelligent User Interfaces
- Complex, Intelligent And Software Intensive Systems
- Biological Inspired Algorithms in Software Reliability
- Intelligent Interfaces

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