



## International Symposium on

# Artificial Intelligence & Computer Vision

Department of Computer Science & Engineering

College of Engineering - Guindy, Anna University, Chennai, India



July 12-14, 2018

The International Symposium on 'Artificial Intelligence & Computer Vision (AICV-2018)' is organized by the Department of Computer Science and Engineering of College of Engineering, Guindy, Anna University, Chennai, India during July 12-14, 2018. Artificial Intelligence is the latest trending technology in many fields especially in industries like Manufacturing, Control systems, Data Science, etc. and Computer Vision is to automate tasks that the human visual system. This symposium will act as a major forum for the presentation of technological progress and research outcomes in the area of Artificial Intelligence and Computer Vision serving as a platform for exchanges between academia and industry. It allows to proclaim knowledge and share new ideas amongst the professionals, industrialists, and students from research area of Artificial Intelligence and Computer Vision to share their research experiences through discussions.

### Call for papers (Topics for manuscripts include, but not limited to)

- Artificial Intelligence Algorithms, Techniques Tools & Applications
- Theoretical Foundations of Artificial Intelligence
- Computational Theories of Learning & Knowledge-based Systems
- Recent Trends and Developments in artificial Intelligence
- The Evolution of Artificial Intelligence
- The New Era of Cognitive Computing Experience
- Artificial Intelligence & Computer vision in automation
- AI implications in Bioinformatics, Natural Language Processing and Imaging
- Computer Vision & Speech Understanding
- Machine Learning & Deep Learning
- Neural Networks & Fuzzy Logic
- Heuristic & AI Planning Strategies and Tools
- Hybrid Intelligent Systems
- Information Retrieval & Knowledge Representation
- Artificial Intelligence Hardware Design
- AI for the Internet of Things (IoT)
- AI Implications for User Modelling, User-Adaptive visualization & Interaction
- AI for Social Robotics
- Game programming
- Pattern Recognition & Machine Vision
- Pervasive Computing & Ambient Intelligence
- Reasoning & Evolution
- Web Intelligence Applications & Search
- 3D Scene Reconstruction
- Object captioning & Tracking
- Deep Learning for Computer Vision
- Big Data & Analytics for Computer Vision
- Smart Vision-based Robotic Manipulation
- Quantum Inspired Automatic Image clustering
- Visual Information Retrieval: Advances, Challenges & Opportunities
- Smart Vision
- Video Analysis
- 3D Object Detection
- Vision Solutions for Retail Applications

### Conference Proceedings

Symposium proceedings will be published in ACM International Conference Proceedings Series (ICPS) - Under Process

Extended version of papers will be published in ECSI, Thomson Reuters, Scopus & UGC approved journals (with an additional fee).



Scopus



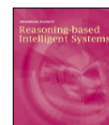
### Journal Publications



AAI



IJCINI



IJRIS



IJLTET



IJRSR



PLOS ONE

- \* **Applied Artificial Intelligence**, Taylor and Francis - (Anna University Annexure I) - **Under Process**
- \* **International Journal of Cognitive Informatics and Natural Intelligence (IJCINI)** - IGI Global (Anna University Annexure I & Scopus Indexed) - **Under Process**
- \* **International Journal of Reasoning-based Intelligent Systems** (Scopus Indexed) - **Under Process**
- \* **International Journal of Latest Trends in Engineering and Technology** (Indexed in Thomson Reuters & UGC approved with ICV of 7.39 & CIF of 4.490) - **Approved**
- \* **International Journal of Recent Scientific Research (IJRSR)** - (Indexed in Thomson Reuters, Scopus & UGC approved with IF of 6.86) - **Approved**
- \* **PLOS One Journal, Public Library of Science** - (Anna University Annexure I) - **Approved**



### Important Dates

- Paper Submission - 30<sup>th</sup> April, 2018
- Author Notification - 28<sup>th</sup> May, 2018
- Camera ready paper - 15<sup>th</sup> June, 2018
- Registration - 30<sup>th</sup> June, 2018

### Committee Members

#### Chief Patron

Dr.T.V.Geetha,  
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DCSE, CEG

### Keynote Speakers

#### Keynote speech on topics:

- Recent Trends, Developments and research focus in Artificial Intelligence & Computer Vision
- The New Era of Cognitive Computing Experience
- AI and Computer Vision for Ambient Living
- Big Data Analytics & Learning for AI and CV
- AI for Social Robotics: A New Generation of Robots built for People

#### Eminent International & National keynote speakers from:

##### International

- Oakland University, USA
- National University of Singapore, Singapore

##### National

- IIT-Madras, IIT-Roorkee & IIT-Kharagpur
- NIT-Trichy, NIT-Raipur & NIT-Pondicherry
- IBM India
- Intel NVIDIA

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