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SSN COLLEGE OF ENGINEERING

ICCIDS 2017

International Conference
on
Computational Intelligence in Data Science

June 2, 3 2017

Organised by

DEPARTMENT OF
COMPUTER SCIENCE ENGINEERING

Rajiv Gandhi Salai (OMR) Kalavakkam - 603 110
Chennai - Tamilnadu India
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About the Institution

Sri Sivasubramaniya Nadar College of Engineering (SSNCE) is the outcome of the vision and initiative of Dr. Shiv Nadar, Chairman, HCL Technologies, a pioneer in the field of Information Technology. The institution reflects the ideals of its founder and seeks to achieve excellence both as an academic institution and advanced research centre. The institution was established in 1996 on a sprawling campus of 250 acres on the Rajiv Gandhi Road (OMR) known as "Cyber Corridor" of Chennai. The Institution is certified with ISO 9001:2015. 9 out of 20 programmes have been accredited by NBA for 5 years. The college has been awarded with the highest grade of "A" by the National Assessment and Accreditation Council (NAAC), India for 5 years. The management awards over 450 scholarships every year to meritorious and deserving students. The college has been awarded the Asia's Best Private Educational Institute in the Engineering & Technology category in 2013. This award has been instituted by World Consulting and Research Corporation (WCRC). SSN Institutions have adopted advanced wireless technology to enhance teaching and learning process through e-Learning initiative. The college has an ambitious initiative to pursue high quality research. Funded projects worth 4 crores are currently underway. In addition, the college has conducted more than ten international conferences so far.

About the Department

The department offers B.E degree program in Computer Science and Engineering and M.E degree programs in Computer Science and Software Engineering. Prominent and leading employers are Amazon, eBay, Microsoft, Success Factors, Zoho, MU Sigma, Accenture, Cognizant, Infosys, Wipro, Thought Works, Aricent Group, Inautix and others. In addition, a sizeable number of students are pursuing PG studies in renowned institutions in India and abroad. It is recognized as a research centre by Anna University, Chennai for doing PhD and M.S. by research. The Department has well-qualified and dedicated faculty. The department has organized several AICTE-STTPs, Faculty Development Programmes, and International Conferences. Both the BE (CSE) and ME (CSE) courses are accredited by NBA for 5 years.

Objectives

The conference provides an opportunity for the researchers, engineers, developers and practitioners from academia and industry to discuss and address the solicit experimental, theoretical work and methods in solving problems and to share their experience, exchange and cross-fertilize their ideas in the fields of Data Science and Computational Intelligence. This conference will be useful for professionals working in data science, big data, machine learning, artificial intelligence and predictive modeling.

Call for Papers

We invite high-quality submissions describing original and unpublished work for the conference. Accepted submissions will be included in the IEEE Xplore Digital Library.

Submission Guidelines

All submissions must be prepared in IEEE conference format, in English and must not exceed 6 pages (including figures, references and appendices). Guidelines for paper formatting can be found at

https://www.ieee.org/conferences_events/conferences/publishing/templates.html

Submissions that violate formatting will be declined without review. Papers must be submitted electronically through the submission site at

https://easychair.org/conferences/?conf=iccids2017

Topics of Interest

The theme of this conference is application of Computational Intelligence in Big Data. The papers need not be based only on this theme. Topics of interest for the conference include but are not restricted to:

Foundations
Probabilistic and statistical models and theories
Machine Learning algorithms for high-velocity streaming data
Scalable analysis and learning
Data pre-processing, sampling and reduction
High dimensional data, feature selection and feature transformation
High performance computing for data analytics
Architecture, management and process for data science

Data analytics, machine learning and knowledge discovery
Knowledge discovery theories, models and systems
Learning for streaming data
Intent and insight learning
Cross-media data analytics
Big data visualization, modeling and analytics
Multimedia/stream/text/visual analytics
Computational Intelligence and Big Data Analytics

Computational theories for big data analysis
Incremental learning – theory, algorithms and applications in big data
Sparse data, feature selection, feature transformation – theory, algorithms and applications for big data
Associative memories
Probabilistic and information-theoretic methods
Supervised, unsupervised and reinforcement learning
Support vector machines and kernel methods
Time series analysis
Algorithms and libraries - Optimization for Big Data Analytics

Important Dates

Paper Submission Opens	16 Jan 2017
Last Date for Paper Submission	10 March 2017
Notification of Acceptance Commences	11 April 2017
CRC Submission & Registration	25 May 2017

Mode of Payment

Duly filled-in registration form may be sent to the conference co-chairs on or before **25 May 2017**. The registration fee which covers the cost of conference registration kit, participation in all the activities of the conference, lunch and intersession tea is as follows:

Category	Registration			
	IEEE Member		Non-Member	
	Indian ₹	Foreign $	Indian ₹	Foreign $
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Student	5500	200	6500	250
Academician/ R&D	6500	250	7000	300
Industry Delegates	7000	300	7500	350
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