

About Proceedings

All submissions will be reviewed by two to three experts from the TPC. After a careful reviewing process, all the accepted, registered and presented papers will be published in Springer IFIP AICT. At least one author should register for the conference.

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**SRI SIVASUBRAMANIYA NADAR
COLLEGE OF ENGINEERING**

**IFIP - ICCIDS 2021
(Virutal Mode)**

**International Conference
on
Computational Intelligence in Data
Science**

18 – 20 March 2021



Organized by

**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
Rajiv Gandhi Salai (OMR), Kalavakkam – 603 110
Chennai – Tamilnadu, India**

About the Institution

Sri Sivasubramaniya Nadar College of Engineering (SSNCE) founded by Dr. Shiv Nadar, Chairman of HCL Technologies, is a philanthropic venture to give back to the society that nurtured him. SSNCE has been highly ranked and very reputed educational institution in Tamilnadu, India, stands out as a premier center of higher learning with a mission of pursuing excellence in education and research. The institution, with their diverse and dynamic community of students, offer a distinctive combination of some of the finest graduate, undergraduate and research programs, accomplished faculty, world-class facilities and a residential campus set on a sprawling 250 acres of sylvan surroundings. SSNCE is accredited by National Assessment and Accreditation Council with A+ grade. National Board of Accreditation (NBA, AICTE, New Delhi) has accredited 7 UG and 4 PG programs. Within a span of 24 years, SSN has grown into one of the top educational institutions in the country and becomes an autonomous institute in the year 2018. Some of the salient features of SSN are: Ranked 44th in Engineering Category and 83rd among all educational institutions in India Rankings 2020 by NIRF, MHRD; The state-of-the-art infrastructure with over 1.8 million square feet of buildings ; Spacious hostels, sports facilities and faculty quarters within the campus ; A student body of 4300+ students, 500 Ph.D. scholars and 280 faculty members, 75% of whom are PhDs

About the Department

The Department of Computer Science and Engineering offers B.E degree program in Computer Science and Engineering and M.E degree programs in Computer Science and Engineering, and Software Engineering. The Department has well-qualified and dedicated faculty. It is recognized as a research centre by Anna University, Chennai, for doing Ph.D. The Department has organized several AICTE-STTPs, Faculty Development Programs, National and International Conferences.

Objectives

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

Call for papers

We invite high-quality submissions describing original and unpublished work for the conference. The reviewed, accepted

and presented papers will be published in Springer IFIP AICT. At least one author should register for the conference.

Submission Guidelines

Authors must follow the Springer LNCS formatting instructions. For camera-ready papers use Latex or Word style (Author's instruction page:

<http://preview.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines>).

Each paper will receive at least three reviews. At least one author of each accepted paper must register by the early registration date indicated on the conference website and present the paper.

Submission Link (EasyChair):

<https://easychair.org/conferences/?conf=iccids2021>

Topics of Interest:

Topics of interest for the conference include, but are not restricted to:

The theme of this conference is Computational Intelligence in Block Chain, Machine Learning and Deep Learning and Software Defined Networks. As a promising technique to

Machine Learning (ML), Deep Learning (DL), Internet of Things (IoT)

Pattern recognition
Evolutionary computation
Information retrieval
Soft computing
Intelligent systems/ decision support systems
Text, speech, image and video processing and analysis
Cognitive modeling
Hybrid learning algorithms
Multi-lingual knowledge acquisition and representation
Distributed and parallel learning algorithms and applications
Multi agent systems
Convolution models with applications to computer vision
Auto encoders
Deep belief network
Sequence modeling: recurrent neural network
Deep reinforcement learning
Deep learning in image processing, nlp and speech processing
Internet of Things

Block Chain

Blockchain based AI and cloud computing
Blockchain based Machine and Deep Learning of Knowledge
Blockchain-based Software defined networks
Blockchain based Data Science and Data Engineering
Blockchain architectures tailored for domain-specific applications
Blockchain in social networking
Blockchain in supply chain management
Blockchain in agriculture
Blockchain in connected and autonomous vehicles
Blockchain in crowdsourcing and crowdsensing
Blockchain in mobile cellular networks
Security in IoT / edge / cloud computing for big data applications with blockchain
Blockchain based secure storage management
Big data security, privacy and trust with blockchain
Transaction management with blockchain
Machine learning / deep learning for big data security with blockchain
Blockchain system design, performance and optimization for big data applications

achieve decentralized consensus, blockchain has been successfully applied into digital currency, e.g., bitcoin, for serving as a public ledger for transactions. Its secure design for supporting a distributed computing system with high fault tolerance is attracting wide attention all over the world. Blockchain has a great potential to create new foundations for our socio-economic systems by efficiently establishing trust among people and machines, reducing cost, and increasing utilization of resources. On one hand, blockchain will play an important role for secure decentralization in such emerging fields as Internet of Things, Cyber Physical Systems, edge computing, social networking, crowdsourcing and next generation wireless communications, and even more other fields. On the other hand, its advance should be further evolved in terms of scalability, security, privacy, efficiency, flexibility, availability, real decentralization, and high dependability.

Important Dates

Paper Submission Opens	01 Dec 2020
Paper Submission Closes	31 Dec 2020
Notification of Acceptance Commences	28 Jan 2021
Camera-ready copy & Registration Closes	10 Mar 2021

About the workshop

The workshop will be conducted in two sequential tracks
Track 1: Machine Learning and Deep Learning
Track 2: Blockchain Technology

Mode of Payment

The duly filled-in registration form may be sent to the conference chairs through mail. 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	
	Indian	Foreigners in USD
Conference Paper Presentation		
Students	Rs.5000	\$100
Academicians / R&D	Rs.6000	\$200
Industry Delegates	Rs.6000	\$200
Its free of cost to attend the talks and the workshop		

To register for the conference, kindly transfer your payment from your account online through RTGS/NFFT/IFSC to:

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