

**Special Session
on**

“Current Trends in Computational Intelligence and Data Processing”

**International Conference on Computational Intelligence and Data Science
(ICCIDS 2018)**

<http://iccids2018.ncuindia.edu/>

7-8th April, 2018

at

The NorthCap University, Gurugram

AIM:

- To collaborate on a research platform for enhancing the popularity of Computational Intelligence including diversified applications of data processing.
- To address several key aspects for enhancing the performance and effectiveness of machine learning including various probabilistic techniques.
- To promote various bio-analytical research in the field of soft computing and computational intelligence.
- To promote the implications and popularity of Evolutionary Computations with genetic algorithms
- To invite researches involving neuro-fuzzy computing, probabilistic methods and learning theory, parallel computing etc.
- To foster and advocate innovative researches in the field of computational intelligence involving knowledge based engineering and Data Processing

SCOPE: With the advancement of science and technology, the popularity of computational intelligence is increasing at a rapid rate due to its diversified application domains and wide-spread adoration in various arenas of life. Basically, computational intelligence represents the ability of a computer to learn a particular task from various investigative observations and experimental analysis. Further, computational intelligence represents a set of nature-inspired approaches and

methods for addressing several real-life issues associated with analytical modeling and mathematical interpretation. Practically, most of the real-world problems cannot be transformed into binary language for further processing. The use of computational intelligence provides solutions to such problems while providing a new dimension in different circles of recent technology. Additionally, computational intelligence has allured the increasing interests of researchers, engineers and scientists in numerous applications concerning engineering, banking, consumer electronics, and so on. Moreover, the use of evolutionary computing in optimization and the fuzzy logic in representing imprecise and uncertain knowledge invites huge range of promulgation as well as proclamations to it.

Topics of Interest: The topics of interest include but are not limited to:

- Applications of Bioinformatics and Evolutionary Computing
- Impact of Genomics and Genetics
- Human-machine Interaction and Evolutionary Computing
- Genetic Algorithms in Evolutionary Computations
- Application of Computational Intelligence in Data Compression
- Probabilistic Methods and Learning Theory
- Parallel and Neuro-fuzzy Computing
- Fuzzy Logic and its Applications
- Application of Data Analysis and Biomedicine
- Cross Media Data Analytics and Data Visualization
- Natural Language Processing and Data Wrangling
- Concept Mining and Artificial Neural Network
- Knowledge based Engineering and Data Processing
- Bioinformatics and Biostatistics
- Data Integration and Cleansing
- Support Vector Machines

- Applications of Computational Intelligence in Machine Learning and Decision Support Systems
- Sparse Data and Collaborative Filtering
- High Performance Computing and Feature Selection
- Incremental Learning and Deep Learning

Important Dates:

Extended date for submission: 30th January 2018
~~Last date for paper submission: 30th December 2017~~
 Notification of Acceptance: 28th February 2018
 Last date for camera ready paper: 10th March 2018
 Author Registration Deadline: 15th March 2018
 Conference date: 7-8 April 2018

All accepted papers will be published in Procedia Computer Science, Elsevier.

Biography of Session Chair: Sushree Bibhuprada B. Priyadarshini

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Sushree Bibhuprada B. Priyadarshini is currently working as an **Asst. Prof. in Dept. of Information Technology** at C. V. Raman College of Engineering (Autonomous), Bhubaneswar after her M. Tech and B. Tech. She has submitted her Ph. D. in Computer Science and Engineering at Veer Surendra Sai University of Technology (VSSUT), Burla. She is the recipient of **Orissa State Talent Scholarship and NRTS scholarship**. She has got the certificate of Merit in **Brigade Talent Search Exam**. She has received the “**All Round the best Student of the year**” in 2005 from N. S. Police High School. She has secured the **highest marks** in Computer Science and Data Processing (CSDP) from ITER in 2011-13. She has been awarded for “**Best Poster Presentation**” in the Workshop on “**Monitoring of Research of Ph. D. Scholars (MRS-2017)**” during March 17-18 at VSSUT, Burla (An Event of Diamond Jubilee Celebration 1956-2016). She has received the **Best Student Paper Award**” in **15th International Conference on Information Technology, IEEE organized by IIT, Bhubaneswar, December 22-24, 2016.**

She is the Member of International Association of Engineers (IAENG) from 28 September, 2016 (Member Number: 176168), Society of Digital Information and Wireless Communications (SDIWC) (Member No: 17205), Computer Science Teachers Association (Membership No: 50346013). She is also working as reviewer in International Journal of Engineering Research & Technology. She has around 24 publications in various international journals and Conferences including **IET, IEEE, Elsevier, Springer, IGI Global etc.**

Biography of Co-chair/Convener: Amiya Bhusan Bagjadab

Email: amiya7bhusan7@gmail.com

Amiya Bhusan Bagjadab is working as Asst. Prof. in Dept. of Computer Application at **Veer Surendra Sai University of Technology (VSSUT)**. He has done his M. Tech. in Information Technology from **Tezpur Central University** after his B. Tech in Computer Science and Engineering. He was working as Lecturer in Computer Science and Engineering at **KMBB Engineering College (BPUT)** from 2012-13. He was also working as **Teaching Assistant in Tezpur Central University**, Assam from 2013-2015.

He has been the organizing member in workshops on Internet of Things devices and Sensor Networks (IOTSN-2016) and Adhrit 2016 in Department of Computer Application organized at VSSUT, BURLA, ODISHA. He is a member of **International Association of Computer Science and Information Technology (IACSIT)**, **International Association of Engineer (IAENG)** and **Life Member of Cryptology Research Society of India (CRSI)**. He has published many papers in various reputed international journals and conferences.

