

Fifth International Conference

On

Computing, Communications, and Cyber-Security (IC4S'05)

Dates: 29th February 2024 to 1st March, 2024

Venue: Shri Mata Vaishno Devi University (SMVDU), Katra, India



Approved from LNNS, Springer

## SPECIAL SESSION ON MACHINE LEARNING, DEEP LEARNING & COMPUTATIONAL INTELLIGENCE ANALYTICS (SS\_02\_MDLCI)

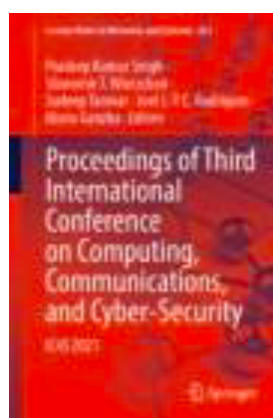
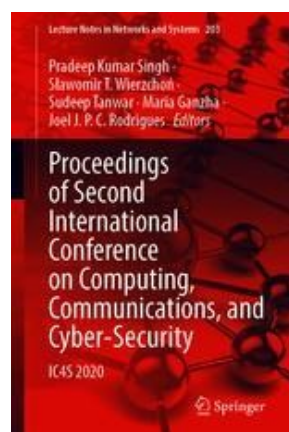
Invitation to Submit Research Papers in Scopus Indexed

5<sup>th</sup> International Conference- IC4S-2024 Scheduled to be held on

29<sup>th</sup> February-01<sup>st</sup> March, 2024 (Venue: SMVDU, Katra, India)

Proceedings of IC4S-2024 will be indexed in DBLP and Scopus indexed Lecture Notes in Networks and Systems (LNNS) of Springer

Proceedings of IC4S-2019, IC4S-2020, IC4S-2021 and IC4S 2022 already published in LNNS Springer Series (SCOPUS Indexed) and available online:



<https://www.springer.com/gp/book/9789811533686>, <https://www.springer.com/gp/book/9789811607325#aboutBook>,  
<https://link.springer.com/book/10.1007/978-981-19-1142-2>, <https://link.springer.com/book/10.1007/978-981-99-1479-1>

### Academic Partners



**Paper Submission Deadline: 29<sup>th</sup> January, 2024**

Paper submission Link: <https://cmt3.research.microsoft.com/IC4S2023>

(Through CMT Only)

**Conference Website:** <https://www.ic4s.co.in/index.php>

**PUBLICATION: SELECTED PAPERS WILL BE SUBMITTED TO PUBLISHING PARTNER, SPRINGER LNNS SERIES FOR PUBLICATION. SPRINGER LNNS SERIES IS INDEXED WITH SCOPUS AND DBLP.**

### **SESSION CHAIRS**

1. Dr. Rachna Jain, Associate Professor  
Bhagwan Parshuram Institute of Technology, Delhi, India  
[rachnajain@bpitindia.com](mailto:rachnajain@bpitindia.com)
2. Dr. Ashish Kumar, Associate Professor  
Bennett University, Greater Noida, U.P., India  
[ashish.gupta14d@gmail.com](mailto:ashish.gupta14d@gmail.com)

### **AIMS & SCOPE**

The session covers recent challenges in developments, techniques and technologies in Machine Learning and Deep learning. Machine Learning relates with the study, design and development of the algorithms that give computers the capability to learn without being explicitly programmed. Nowadays, Deep learning offers unprecedented possibilities in a wide range of new computation areas, becoming a key topic in the academia and industry. The goal of this special session is to bring together researchers and practitioners from academia and industry to focus on machine learning and deep learning advancements and establishing new collaborations in these areas. The session is expected to provide an opportunity for the researchers to meet and discuss the latest solutions, scientific results, and methods in solving intriguing problems in the fields of Big Data Analytics, Data Sciences and Neural Networks. So, the authors are solicited to contribute to the journal by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the areas of machine learning and deep learning with data analytics.

Contributions are expected to present original research on deep learning and machine learning with real world applications.

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks are invited for submission in this special session:

### **Tracks: (Sub-Themes)**

Topics to be discussed in this special session include (but are not limited to) the following:

- Machine learning and statistical methods
- Ambient Intelligence
- Artificial Intelligence
- Cognitive Approaches
- Web Intelligence
- Knowledge Mining
- Convolutional neural network
- Generative adversarial network
- Predictive Analytics
- Neural Networks,
- Fuzzy Systems and Evolutionary Computation
- Deep/Machine learning based theoretical and computational model
- Recurrent neural networks
- Artificial Neural Networks and Learning methods
- Case-based reasoning methods

- Statistical models and learning
- Computational learning
- Evolutionary algorithms and learning
- Evolutionary neural networks
- Reinforcement learning
- Supervised, semi-supervised and unsupervised learning

**PAPER SUBMISSION PROCESS:**

Paper Submission Process:

**Please submit your paper (in word/pdf format) at following emails:**

Email: write email id of session chair with Subject Line “**Research Paper for Special Session SS\_02\_MDLCI-IC4S-2022**” from your email.

You have to also upload the paper through easy chair on the conference website. Details are as follows;

<https://cmt3.research.microsoft.com/IC4S2023>

For any further queries related to this special session, please contact the session chair at:

**Session Chairs: Dr Rachna Jain, Email id: [rachnajain@bpitindia.com](mailto:rachnajain@bpitindia.com), Mobile No: 9873793940**

**Dr Ashish Kumar, Email id: [ashish.gupta14d@gmail.com](mailto:ashish.gupta14d@gmail.com), Mobile No: 9810955760**

**Important Dates:**

**29th January, 2024**

**Submission of Full Papers Deadline**

**Notification of Acceptance Deadline**

15th February, 2024

**Conference Dates**

29th February 2024 to 1st March, 2024

**Technical Program Committee (TPC):**

**List of Members from India & Abroad (Consented already)**

To be updated soon

**Publication Policies:**

1. All registered and presented papers/review articles shall be submitted to SPRINGER for their possible publication in a Conference Proceedings format (online). However the right to accept and subsequent publication of each will be with Springer that will be decided on the basis of the quality novelty of work and the originality of the text, the manuscript will represent.

2. In case, any registered paper/article is rejected by the Springer for its publication with their conference proceeding due to any reason (mentioned at point number-01), the sole responsibility shall lies with authors of that article. As we clearly stated on the first and home pages, that Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published.

Therefore authors are expected to avoid to use similarity text (copy and paste from other published works), should adhere to original work maintaining technical and result description qualities. Also authors will not allow to make changes in the choice of publication category (I or II) once registered and pay the fee as per category wise.

3. Paper/article length is limited upto 12 pages only. Extra pages are to be avoided, if necessary, author can place a request in advance with payment of separate fee (page-wise) as mentioned in the registration link.

4. Springer proceedings shall available online only; hard-copy may be requested directly with the SPRINGER on payment as per their rates, once available after online publication.

5. The organizers will have not have any responsibility for any of registered/presented papers, if not accepted/approved by the Springer for publication in their conference proceeding due to any of the reason as specified in point 1 and 2 or because of any specific reason sometimes depends upon manuscript to manuscript too.

**Silent features of IC4S-2024:**

- Track-wise “**Best Paper Award**” along with certificates to all the authors
- Online presentation based on specific request separately (if pandemic continues then the **IC4S 2024 will be organized in hybrid mode**)
- Low cost registration amount for the Indian Students (IITs/NITs/Central Universities/Institute of premier repute)

**NOTE:** While submitting paper in this special session, please specify [**insert special session title and Number**] at the top (above paper title) of the first page of your paper.