

2nd International Conference on Machine Learning and Big Data Analytics (ICMLBDA) 2022

12-13th March 2022

In Collaboration with

Indian Institute of Information Technology (IIIT) Kota - India

Indian Institute of Technology, Patna, India

Indian Institute of Technology (BHU) - Varanasi, India

California State University, San Bernardinao, USA

Emlyon Business School - France Research Institute of Big Data Analytics – Xi'an Jiaotong-Liverpool University- China

Session - 1

Artificial Intelligence and Machine Learning



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Aim & Objectives

This session Will highlight the recent progress in fundamental research in Engineering, Science, and Technologies for various Applications, integrate various aspects from Advanced Scientific Technologies, provide a correlation of multidisciplinary areas and become a point of great interest. Moreover, it will provide cutting-edge research from around the globe on this field. Current status, trends, future directions, opportunities, etc. will be discussed, making it friendly for beginners and young researchers, and academicians.



- Artificial Intelligence and Automation,
- Data Science and Big Data,
- Blockchain and Security,
- AI and Neuroscience

- Cryptography and Quantum Computing,
- Data Communications and Networks, 5G, 6G, Social Networks,
- Internet of Things and Its Applications, IIoT

4.0 and Embedded Systems,

- Computational Biology and Bio-Medical Informatics,
- Image, Signal Processing, and Multimedia,
- Cognitive Science and Algorithm Design
- Augmented Reality and Virtual Reality
- Cloud computing and Soft, Fog, Edge, Grid Computing,

- Internet and Web Applications.
- E-Commerce, E-Governance, and Game Theory and Applications
- Experimental Simulation and Modelling Techniques
- Intelligent Systems Architecture and advanced Holographic Projections

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Important Dates / Deadlines Call for Papers: November 01, 2021 Submission: January 31, 2022 Notification of Acceptance: February 25, 2022 Early Bird Registration: March 01, 2022 Oral Presentation of Selected Works: March 12-13, 2022 Submissions of Full Papers: April 10, 2022 https://icmlbda2022.iaasse.org/sessions.html



Dr. Priyanka Mishra was born in Jaipur, India, in 1980. She received the B.E. degree in Computer Engineering from the Modi College of Engineering & Technology, Laxmangarh under the University of Rajasthan, India, in 2003, and the M.Tech. Degree in Computer Science in 2006. She received a Ph.D. degree in Computer Science & Engineering from the National Institute of Technology (NIT) Hamirpur, India, in 2016. She is presently working as Assistant Professor in the Dept of CSE, IIITK, MNIT Campus, Jaipur.

Dr. Mishra filed 1 International Patent, and also filed 3 Indian Patents among them, all are published in Indian Patent Journal, Govt. of India, and secured 1 Australian Patent Grants. He secured 1 Copyright which was granted by the Copyright Office, Government of India, and Dr. Misra also wrote Two (2) Textbooks including 1 e-book available in Worldwide Best Bookseller Stores, and also published 5 Book chapters, and honoured 2 International and National Prestigious awards from her qualitative services for research fields.

Dr. Mishra is a life member of CSI, IEI, ISTE, and a Professional Member of ACM. She is also a Member of IEEE, CSTA, IAENG, SDIWC, SCIEI, IRED, Rotary Club Jaipur, UACEE. She is a Member of the Editorial Board of many International Journals viz. IJCSE, IJCST, IJCTT. Her field of interest includes machine learning, IoT, distributed artificial intelligence, identity management, trust and reputation modelling, network security. She is a life member of CSI, ISTE, IEI. Her papers appeared in various International Academic Journals and conferences such as IEEE, Springer, Elsevier, etc. Her research interest includes Trust & Reputation Management, Identity Management, Network security (network perimeter defense, wired/wireless/mobile network security, semantics/trust-level, and end-user interaction security.). Dr. Priyanka has intensive editorial experience as an Editor for the International Journal of Research and Development in Engineering Sciences (IJRDES-2582- 4201)).

Bosubabu Sambana has been working as an Assistant Professor in the Department of CSE at Raghu Engineering College (A), Visakhapatnam affiliated with Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh, India. He completed his Bachelor of Science (B.Sc) from Andhra University. He completed a Master of Computer Applications (MCA) and Master of Technology – CSE (M.Tech) from JNTU Kakinada. He is completed AMIE (CSE) from the Institute of Engineers of India (IEI), Kolkata. He completed Post Graduate Diploma in Cloud Computing (PGDCC) from the National Institute of Electronics & Information Technology, Calicut.

He is pursuing a Doctor of Philosophy (Ph.D.) (Artificial Intelligence with Neuroscience) in Computer Science and Engineering from the Indian Institute of Information Technology (IIIT) Kota, Rajasthan

He submitted 1 Internet-Draft for RFC (Request For Comments) for Internet Protocol version 16 (IPv16) to IETF. He filed 3 International Patents, were published WIPO PCT, and also filed 30 Indian Patents (including 9 - Designs), among them, all are published in Indian Patent Journal, Govt. of India, and secured 3 Australian Patent Grants. He secured 10 Copyrights which were granted by the Copyright Office, Government of India, and secured 1 USA Copyrights and 1 Indian Trademark granted.

He also wrote four (4) Textbooks including 3 e-Books available in Worldwide Best Bookseller Stores, and also published 5 Book chapters in IEEE, Springer Nature, and AAP - CRC Press & Taylor and Francis Group. He published 46+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences.

He published 5 Preprints in Cornell University and Easy Chair Publications. Mr. Bosubabu has intensive editorial experience (Editor-in-chief for International Journal of Research and Development in Engineering Sciences (IJRDES-2582- 4201)).

He is honoured with the "Outstanding Researcher Award 2019" by the International Institution of Organized Research, "Young Scientist Award 2020" by South Asian Educational Research Awards Society, and "Outstanding Scientist Award 2020" by VDGOOD Professional Association. He acts as Organizing Chair for International Conferences of (ICMLBDA) 2022 and MISP2022, and conducted Many more Workshops, Seminars, etc.

He participated in 17 international and 3 national conferences and 14 international and National workshops and 7 FDPs. He secured 6 Certifications from NPTEL – IISc / IITs and 2 online courses from IIRS-ISRO and NIELIT - Chennai.

He has more than nine years of experience in teaching and research and also has good knowledge of Artificial Intelligence, Astronomy, Cosmology, Space Research, Future Internet Architecture & Technologies, Blockchain, Cloud Computing, and Internet of Things along with academic subjects, etc. He guided 6 UG and 2 PG academic projects. Currently, he is an active member of IEEE, IAENG, AMIE, ISA, CSI, and the Indian Science Congress.

Dr. Ghanapriya Singh is working as Asst. Professor in Department of Electronics Engineering at National Institute of Technology, Uttarakhand since 2013. She has received her Ph.D. degree in Signal Processing from the Indian Institute of Technology (IIT) Delhi. During her research at IIT., she was working on a project with STMicroelectronics, Santa Clara, California, USA. Her research work done at IIT was also showcased at CES, the USA that is the largest consumer electronics show.

She is an Inventor on 5 US patents (4 granted and 1 published) and a European patent. She is an Investigator in the project funded by the Ministry of Electronics and Information Technology, Govt. of India. She has authored in high-impact factor SCI-indexed journals. Her current research interests include context awareness, image processing, speech processing, signal processing for IoT.