BUNDELKHAND
UNIVERSITY JHANSI

A++ NAAC ACCREDITED, ISO CERTIFIED NO. 1 STATE UNIVERSITY IN UP. INDIA

International Conference on
MACHINE LEARNING AND DATA SCIENCE FOR SCIENTIFIC & INDUSTRIAL APPLICATIONS

28th Feb - 2nd March 2025

ICMLDSSIA 2025

PEER REVIEW · Scopus

ABOUT THE CONFERENCE

The International Conference on Machine Learning and Data Science for Scientific and Industrial Applications will focus on topics of interest to computer and computational scientists and engineers. ICMLDSSIA 2025 is to bring together leading academic, scientists, research scholars and researchers to share and exchange their experiences and research results about all aspects of Machine Learning and Data Science for Scientific & Industrial Applications. It would also provide a premier interdisciplinary forum for researchers and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of Machine Learning and Data Science. The conference aims to enhance the state-of-the-art in Machine Learning and Data Science, as well as other emerging fields of computing, by innovative research discoveries and inventive solutions to tough machine learning challenges and their industrial applications. Researchers, academicians, and professionals from around the globe are invited to submit original, unpublished research papers from all perspectives, including theory, practice, experimentation, and review papers that highlighting specific research domains for presentation during the conference's technical sessions.

ABOUT THE UNIVERSITY

This seat of higher learning came into existence on August 26, 1975; vide Government of Uttar Pradesh Notification No. 10/15-60/74 under the provision of the U.P. Universities Act and it is a NAAC A++ accredited university, ISO certified, No. 1 state university in U.P. However, though belonging to the younger generation of the Indian Universities, the Bundelkhand University has fast transformed into a University of excellence offering opportunities to the aspiring youths to pursue higher education.

However, though belonging to the younger generation of the Indian Universities, the Bundelkhand University has fast transformed into a University of excellence offering opportunities to the aspiring youths to pursue higher education, applied research and Professional training according to their aptitude and potential. The University aims to become a world-class institution by tapping human potential to lead the country in changing national, regional and global scenario.

ABOUT THE DEPARTMENT

The world is dynamic and continuous to change. New challenges opportunities and hopes are things that inherit. A fighting spirit, a nationalistic spirit, and a unifying spirit from our predecessors, who paved the way for us regained and defined the independence where we are enjoying today. In a new era, filled with hopes and changes with political, scientific, and technological and information advancement, in the era of open global economy and free trade, we too must continue to preserve the fighting spirit, the nationalistic spirit and unifying spirit. Education is the key to overall development of the society; Education is one of the investments, which multiplies the dividends as unending process. The department of Mathematical Sciences and Computer Applications, established in 1986, is one of the oldest departments of the University and within a small span of time; the department has shown its potentiality and has diversified its teaching and research programs in Mathematics, Statistics and Computer Science & Information Technology. The department has made considerable progress by responding to the emerging needs of the society, by widening the canvas of higher education and by affecting qualitative improvements in its academic and research programs. At present the department is offering number of courses and catering to the multifarious needs of nearly 1000 students. Besides this, the department is also actively engaged in research programs in Mathematical Sciences, Statistics, Computer Sciences and Information Technology. The accelerated growth all around expansion of the department, in the last decade stands as success story of such devoted efforts. Faculty to faculty and faculty to student's relationship are the assets of the department.

CONFERENCE SECRETARIAT

Chief Patron
Prof Mukesh Pandey, Vice Chancellor, B U Jhansi
Patron
Prof R. K Saini, Dean Science, B U Jhansi
Conference Chair
Prof Alok Kumar Verma, Dept of Math Sc & CA, B U Jhansi
Program Chair
Prof Avanish Kumar, Dept of Math Sc & CA, B U Jhansi
Prof Saurabh Srivatava, Dept of Math Sc & CA, B U Jhansi
Convener
Dr Dharamdas Kumhar, Dept of Math Sc & CA, B U Jhansi
Organizing Secretary
Dr Anil Kewat, Dept of Math Sc & CA, B U Jhansi
Co-Convener
Dr Mamta Singh, Dept of Math Sc & CA, B U Jhansi
Dr Atul Makrariya, IET, B U Jhansi
Dr D K Kanchan, Dept of Math Sc & CA, B U Jhansi
Joint Organizing Secretary
Dr Anjali Saxena, Dept of Math Sc & CA, B U Jhansi
Dr Dhramendra Badal, Dept of Math Sc & CA, B U Jhansi
Conference Treasurer
Dr Puneet Matapurkar, Dept of Math Sc & CA, B U Jhansi

IMPORTANT DATES

Paper Submission Deadline: **February 1, 2025**
Paper Acceptance Decision: **February 6, 2025**
Camera Ready Paper submission & Registration Deadline: **February 10, 2025**
Conference Dates: **28th February - 2nd March, 2025**

ACCOUNT DETAILS

Account Name: ICMLDSSIA2025
Account Number: 43593708336
Bank Name: State Bank of India
Branch: Bundelkhand University Jhansi
IFSC Code: SBIN0003808

ACCOMODATION

Accommodation may be provided on request in advance (on payment basis). For further assistance, kindly contact at

Organized By- **Department of Mathematical Sciences & Computer Applications , BU Jhansi**

CALL FOR PAPERS

THEME 1 : MACHINE LEARNING FOR SCIENTIFIC & INDUSTRIAL APPLICATIONS

- Machine Learning Architecture for Pattern Recognition
- Machine Learning Architecture for Medical Imaging
- Machine Learning System Design
- Machine Learning Optimization
- Machine learning over the Fuzzy Learning
- Machine learning over the Genetic Learning
- Machine learning over the Hybrid models
- Machine learning over the Cloud
- Machine learning over the Tensor Learning
- Collaborative Deep Learning
- Heterogeneous Information Networks
- Neural Networks
- Generative Adversarial Networks
- Natural Language Processing
- AI and Emerging Technologies
- Algebra, calculus, matrix and tensor methods in context of machine learning
- Applications in Bioinformatics and biomedical informatics, Healthcare and clinical decision support, Collaborative filtering, Computer vision and Image Processing, Human activity recognition, Information retrieval, Cyber security, Pharmaceutical science, Climate Science and so on.

THEME 2: DATA SCIENCE FOR SCIENTIFIC & INDUSTRIAL APPLICATIONS

- Algorithms and tools for Data Collection
- Data and Information Quality
- Data Integration and Fusion
- Cloud/Grid/Stream Computing
- High Performance/Parallel Computing
- Energy-efficient Computing
- Software Systems
- Search and Mining
- Data Acquisition, Integration, Cleaning
- Data Visualizations and Semantic-based Data Mining
- Data Wrangling, Data Cleaning, Data Curation, Data Munching
- Data Analysis, Statistical Insights
- Data Science technologies, tools and frameworks
- Efficiency, scalability, security, privacy and complexity issues in Data Science
- Applications in Mobility, Multimedia, Science, Technology, Engineering, Medicine, Healthcare, Finance, Business, Law, Transportation, Retailing, Telecommunication and so on.

Feel Free To Contact Us For Any Query

www.bujhansi.ac.in
inconfmlds2025@gmail.com
Mobile : 7999021033 , 9450504167

REGISTRATION FEE

Catagory	INDIAN AUTHOR FEE (INR)			FOREIGN AUTHOR FEE (USD)		
	Registration Fee	Publication Fee (after blind review)		Registration Fee	Publication Fee (after blind review)	
		Peer Reviewed Journal	Scopus Index Journal		Peer Reviewed Journal	Scopus Index Journal
UG/PG/ Research scholars	2000	1000	7000	$85	$125	$150
Academicians/ Researchers	3000	2000	7000	$100	$175	$200
Industry Personnel	4000	2000	7000	$120	$225	$250

PUBLICATION:

All registered papers after acceptance will be presented and published to Peer Review and Scopus

FULL LENGTH PAPER SUBMISSION:
URL:-https://cmt3.research.microsoft.com/ICMLDSSIA2025

REGISTRATION LINK:-
http://tiny.cc/conferenceregister

TOURIST DESTINATIONS

Jhansi is known for the valor of Rani Lakshmibai during the first revolution for freedom. It is a historic city of Uttar Pradesh. It lies in the region of Bundelkhand on the banks of the Pahuj River in the extreme south and Betwa at an average elevation of 285mt. It is about 420 Kilometers from New Delhi and 102 Kilometers from Gwalior. Jhansi is well connected to all other major towns by National Highway Road and Railway Networks.

Sonagiri about 60 km from Gwalior has scores of Jain temples dating from the 9th Centaury located in the Datia district of Madhya Pradesh, India. This location is popular among devotees and ascetic saints, to practice self-discipline, austerity and to attain Moksha (salvation or liberation).

Orchha is a town in Niwari district of Madhya Pradesh state, India. The town was established by Rudra Pratap Singh sometime after 1501, as the seat of an eponymous former princely state covering parts of central & north India, in the Bundelkhand region. Orchha lies on the Betwa River, 80 km from Tikamgarh & 15 km from Jhansi in Uttar Pradesh. The Chaturbhuj Temple was built by the queen of Orchha, Ganesh Kunwar, while Raj Mandir was built by 'Raja Madhukar Shah' during his reign, 1554 to 1591.

Khajuraho: Located in the Chhatarpur district of Madhya Pradesh, Khajuraho is one of India's most famous towns and a major tourist destination. It is also a UNESCO World Heritage Site, known for its stunning temples adorned with intricate frescoes that have captivated historians and visitors for centuries