

Registration Guidelines

Registration for the Workshop Participants are informed to register for two Day workshop on “Artificial Intelligence and Data Science” using the following registration link. No registration fees are applicable for this offline workshop.

<https://www.aicteindia.org/atal>



For any query contact

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About the Workshop

About the Workshop This program aims to equip faculty fraternity with a clear understanding of Artificial Intelligence and Data Science concepts, tools, and applications. It introduces popular platforms and languages like Python, Tensor Flow, Keras, Scikit-learn, and data visualization tools. Through hands-on sessions, participants will develop, test, and deploy AI models while exploring real-world applications in healthcare, education, business analytics, and smart cities. The program encourages research, publications, and interdisciplinary projects, while promoting the integration of AI and Data Science into academic curricula in line with industry needs and NEP 2020 guidelines. Participants will gain updated knowledge and practical skills in AI and Data Science, equipping them for both academic and applied projects. Faculty will be able to deliver AI and Data Science content effectively to students using innovative, application-based teaching methods. Faculty members will be capable of guiding student projects, internships, and research activities in AI and Data Science. Quantum increase in research publications, funded projects, and collaborations in AI and Data Science domains. Establishment of professional connections among participants and experts for future academic and research collaborations.

Invitation

It gives us immense pleasure to cordially invite and welcome you to participate in the Workshop on “Artificial Intelligence and Data Science” organized by Department of Artificial Intelligence and Machine Learning, JB Institute of Technology, Dehradun from 11th-12th July 2025.



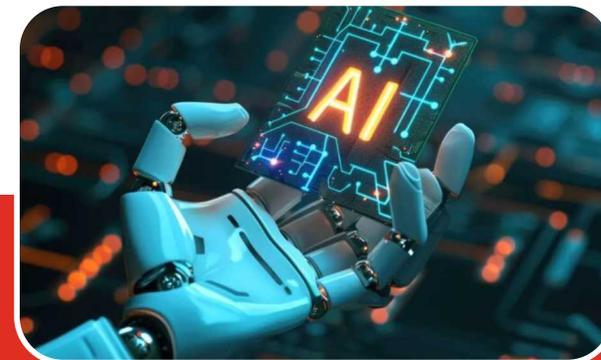
JB Institute of Technology, Dehradun

Affiliated to VMSB Uttarakhand Technical University, Dehradun
Approved by AICTE, New Delhi

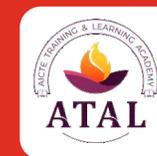
Two Day offline Workshop on

**“Recent Trends in
Artificial Intelligence and
Data Science”**

11th-12th July, 2025



Under the aegis of



Organized by
Department of Artificial Intelligence and Machine Learning

About JBIT

JB Institute of Technology is a private technical institute established in 2009 at Uttarakhand. The institute is affiliated to the Uttarakhand Board of Technical Education, Roorkee & Uttarakhand Technical University. It is approved by the All-India Council of Technical Education (AICTE) and Pharmacy Council of India (PCI).

The JBIT Dehradun campus is spread across 25 acres of land and provides all the necessary facilities such as a library, a gymnasium, a medical Centre, hostels, sports grounds and cafeterias. It offers courses under the UG, PG domain as well as Diploma courses in the field of engineering, applied sciences, and management. The institute has also maintained a great placement record over the years.

Established in 2009, JBIT has turned to be one of the premier private engineering institutes of Uttarakhand. 25 acre campus of JBIT, located at foothills of Himalaya is home to a large number of students coming from different states of India. With the globalization of the economy, vast opportunities of growth are available for the computer software and hardware industry. Software industry is one of the largest growing sectors of the Indian economy with the perspective of digitalization of the resources. The Department of Computer Science & Engineering at JBIT has been at the forefront of churning out software engineers with a high caliber of technical expertise. It continues to foster and engender the innovation and breadth of vision necessary to excel in the booming software industry. The experienced faculty members are training the computer engineers through well planned curriculum.

About Artificial Intelligence and Machine Learning Department

The goal of the department of Artificial Intelligence and Machine Learning is to produce highly knowledgeable, competent and resourceful young engineers, who have an effective skill set for growth. Artificial Intelligence and Machine Learning focuses on research to create machines that attempt to solve problem and analyze contradictory or ambiguous information. Topics covered in this category include artificial intelligence technologies, such as, expert systems, fuzzy systems, natural language processing, speech recognition, pattern recognition, computer vision, decision-support systems, knowledge bases and neural networks. Artificial Intelligence and machine learning is at the forefront of developing intelligent solutions to real world problems.

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Dean-Research
JB Institute of Technology

Co-Coordinator
Dr. Vinay Avasthi
Professor
Artificial Intelligence and Machine Learning Department
JB Institute of Technology



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RESOURCE PERSONS

Eminent professors from premier institutions such as IIT, NIT, Central & State University and Industrial Experts.

TARGET AUDIENCE

Faculty Members of Engineering Colleges, Scientists & Engineers from R&D organizations, research scholars and industries are encouraged to attend this Programme.

- Topics to be covered: Artificial intelligence technologies,
- Expert systems, Fuzzy systems,
- Natural language processing,
- Speech recognition, Pattern recognition,
- Computer vision,
- Decision-support systems
- AI application in agriculture special reference to Himalayas region
- Data Science for Geo Spatial data.

