



INDIAN INSTITUTE OF
INFORMATION
TECHNOLOGY



Recent Research Trends in AI, ML and their Applications

(Under the KARYASHALA Scheme - A SERB initiative)

Organized by

Department of Computer Science & Engineering

Indian Institute of Information Technology Dharwad

December 22 to 28, 2023

About the Institute:

IIIT Dharwad is an Institute of National Importance set up in 2015 in Public-Private-Partnership mode between the Ministry of Education, Government of India, Government of Karnataka and industry partner Keonics under an Act of Parliament (23 of 2017). Presently IIIT-Dharwad offers BTech degree programmes in Computer Science and Engineering, Electronics and Communication Engineering, and Data Science and Artificial Intelligence and PhD programs in Computer Science and Engineering, Electronics and Communication Engineering, Mathematics and Physics.

About the Programme:

Artificial Intelligence (AI) and Machine Learning (ML) are at the forefront of technological advancements. AI and ML have far-reaching applications across various industries, including healthcare, finance, autonomous vehicles, and more. Keeping up with recent trends in these fields is crucial to harness the full potential of these technologies. The workshop is designed to provide an exposure to the recent trends in the broad areas of AI and ML. Participants will learn to apply the AI and ML techniques to solve the real-world problems of various domains. The workshop also includes the hands-on training and practice sessions which will help participants in gaining a practical knowledge of solving the problems using the AI and ML techniques. In this regard, the course will cover the recent trends in the areas of AI, ML and their prospective applications. We invite applications to the offline course on “Recent research trends in AI, ML and their applications” from enthusiastic P.G. and Ph.D. students who wish to take advantage of this exciting opportunity to learn about the latest trends in AI, ML and their applications.

Focus Areas

- Bioinformatics
- Machine Learning & Deep Learning
- Medical image processing
- Speech/Audio Processing
- Quantum Machine Learning

- Sentiment Analysis
- Big Data Analytics
- Recommender Systems
- Optimization Techniques

Target Audience: Research scholars, PG Students

Resource Persons: The course faculty includes resource persons from IITs, NITs, IIITs and Industry.

The number of participants is restricted to 25.

Registration Fee: Nil.

TA and accommodation will be provided to participants as per the SERB Accelerate Vigyan norms.

How to apply:

1. Please fill the online form using the link: <https://forms.gle/PY9D5DE8ELdu7Pxxv7>
 - a. After applying through the link, intimate us at karyashala.iiitdwd.cse2023@gmail.com
2. If selected, the applicants must produce a letter of authentication from their Supervisor/HoD/Head of Institute indicating their association with institute and “No Objection Certificate (NOC)” for allowing their student to undergo Karyashala.
 - a. The last date to apply is **22nd November, 2023 (Hard Deadline)**. If selected, you will be intimated through email.

Workshop Coordinator:

Dr. Prabhu Prasad B M

Assitant Professor, CSE

IIIT Dharwad

Contact email:

karyashala.iiitdwd.cse2023@gmail.com