

About FDP

The International Faculty Development Program (FDP) titled "Recent Trends in Deep Learning: Innovations and Applications" aims to equip educators with the latest knowledge and practical skills in the rapidly evolving domain of deep learning. As artificial intelligence continues to reshape industries, understanding deep learning techniques becomes essential for educators to prepare students for future challenges.

This FDP will cover a comprehensive range of topics, including foundational concepts of deep learning, advanced neural network architectures such as Convolutional Neural Networks (CNNs) and Recurrent Neural Networks (RNNs), and emerging methodologies like Generative Adversarial Networks (GANs) and Transfer Learning. Participants will engage in hands-on workshops, where they will implement real-world projects to solidify their understanding of these concepts.

Additionally, the program will address the ethical implications and biases inherent in deep learning models, fostering a sense of responsibility among educators to promote fairness and transparency in AI systems. Expert speakers from academia and industry will share insights on the latest research trends and applications in fields such as healthcare, autonomous systems, and natural language processing.

The FDP will not only enhance the participants' technical skills but also encourage collaboration and networking among educators, fostering a community of practice dedicated to advancing deep learning education. By the end of the program, participants will be better equipped to integrate innovative deep learning techniques into their curriculum and inspire the next generation of AI practitioners. Join us in this exciting journey to explore the frontiers of deep learning!

About JISCE

JIS College of Engineering, nestled in the picturesque town of Kalyani, West Bengal, stands as a beacon of quality technical education in the region. Since its inception, this esteemed institution has been committed to shaping the future of aspiring engineers and technocrats. The college's sprawling and modern campus provides an ideal environment for academic excellence and personal growth. With a diverse range of undergraduate and postgraduate programs in various engineering disciplines, JIS College of Engineering offers students a wealth of choices to pursue their passion for technology. One of the hallmarks of this institution is its dedicated and dynamic faculty, who not only impart knowledge but also inspire and mentor students to achieve their full potential. State-of-the-art laboratories equipped with cutting-edge technology provide students with hands-on experience, fostering innovation and problem-solving skills. JIS College of Engineering doesn't limit itself to classroom education. It encourages students to participate in various extracurricular activities, clubs, and technical societies, enhancing their overall development. Furthermore, the institution's commitment to research and innovation ensures that it remains at the forefront of technological advancements. It aligns its programs with industry requirements, preparing graduates to excel in their careers from day one.

About the Department (AIML & CST)

Right from its inception, the department has been offering excellent infrastructural facilities to aspire students to meet the growing demands of the industry. The aim of the department is to provide students both theoretical knowledge and practical skills in the field of latest technology to make it easier for the employment in various sectors. The department of AIML & CST is well equipped with centralized laboratories having the latest configurations. The department is very actively pursuing research in diverse fields of Computer Science world ranging from Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, NLP, GenAI, etc. Our students have participated in different Inter-Intra Institutional events and bagged different prizes. Faculty members are associated in programs such as, NPTEL, SWYAM, etc. The faculties are involved in cutting edge research and consultancy projects. FDP, Conference, Workshop, Seminar, etc.

An International Faculty Development Program

on

"Recent Trends in Deep Learning and Quantum Computing"

24th - 28th March 2025

Organized by
Department of CSE(AIML), CST & IT



JIS COLLEGE OF ENGINEERING

Block A, Phase III, Kalyani, Nadia - 741235

West Bengal

Ph. No: +91 033 2582 2138

www.jiscollege.ac.in

E-mail: info.jiscollege@jisgroup.org

Organizing Committee

Chief Patron: Sardar Taranjit Singh
MD, JIS Group

Patron: Prof. (Dr.) Partha Sarkar
Principal, JISCE

Conveners: Dr. Sitanath Biswas
Head, Dept. of AIML & CST

Dr. Sayan Chakraborty
Asst. Prof., Dept. of AIML & CST

Dr. Soumyabrata Saha
Head, Dept. of IT

Co-Conveners: Dr. Arun Kumar Sadhu
Assistant Prof., Dept. of AIML & CST

Dr. Suparna Dasgupta
Asso. Prof., Dept. of IT

Members: Mrs. Saswati Rakshit
Dr. Monish Mukul Das
Mr. Subhadip Goswami

Who should attend?

The International FDP on "Recent Trends in Deep Learning: Innovations and Challenges" is designed for educators, researchers, and professionals in fields such as computer science, engineering, business, and data science. Participants should include university faculty looking to enhance their understanding of deep learning fundamentals and applications, as well as industry professionals seeking to stay updated on the latest advancements. Additionally, graduate students and researchers interested in exploring innovative solutions and addressing challenges in deep learning will greatly benefit from this program, fostering collaboration and knowledge exchange across disciplines.

How to Apply?

Scan to Register



Scan to Pay, Rs. 100/-



Get in Touch



+916370427934 / +919433617802



sitanath.biswas@jiscollge.ac.in
sayan.chakraborty@jiscollge.ac.in

Speakers

Day 1: Deep Neural Nets: Unveiling Insights and Applications



DR. TAPAS GUHA
Assoc. Prof., Dept. of CSE,
Techno International New
Town, Kolkata

Day 2 - Deep Learning in Multivariate Time Series Forecasting



DR. SANJAY CHAKRABORTY
Researcher,
Linköping University, Campus
Valla, Sweden

Day 3 - Deep Learning and Attention Mechanism in Healthcare



DR. SUJATA DASH
Dept. of CSE,
Nagaland University,
Nagaland, India

Day 4 - Recent Advancement of Deep Learning

Day 5 - Challenges and Future Research Directions in Deep Learning

**DR. XX
XX**