भारतीय सूचना प्रौद्योगिकी संस्थान भागलपुर

Indian Institute of Information Technology Bhagalpur

(Institute of National Importance Under Ministry of Education, Government of India)

Online

Faculty Development Program

on

Applications of Artificial Intelligence and Machine Learning in Engineering Domain

05th – 11th January, 2027

Patron

Prof. Madhusudan Singh
Director, IIIT Bhagalpur

Coordinator

Dr. Dilip Kumar Choubey
Head CoE AI & DS, IIIT Bhagalpur

Co-Coordinator

Dr. Chetan Barde
Dept. of ECE, IIIT Bhagalpur

ABOUT IIIT BHAGALPUR

Indian Institute of Information Technology Bhagalpur (IIIT Bhagalpur) is an Institute of National Importance, MoE (earlier MHRD), Govt. of India in Public-Private Partnership (PPP) mode and it started functioning from the academic year 2017. Bhagalpur is a city of historical importance on the southern banks of the river Ganges in the Indian state of Bihar and popularly known as Silk City. The institute is actively exploring the technical intervention required for the development of the country under the Make in India Initiative. The institute is in notable progress under the able leadership of Prof. Madhusudan Singh, Hon'ble Director of the Institute.

The institute is currently offering B. Tech. degree in Computer Science and Engineering, Electronics and Communication Engineering, Mechatronics and Automation Engineering, Mathematics and Computing (MNC). The institute has started Ph.D, M.Tech and Dual Degree M.Tech & Ph.D programs from August 2021. The Centre of Excellence in Artificial Intelligence & Data Science (CoE, AI & DS) in IIIT Bhagalpur was setup in 2021.

ABOUT THE FDP

This faculty development program is aimed at imparting knowledge and training on the fundamentals and advancements of artificial intelligence and machine learning in the engineering domain such as healthcare, agriculture, cybersecurity etc. Expert lectures will be delivered by faculty members from academia and industry. This programme will be beneficial to faculty members, research scholars, PG students who intend to pursue research in the field of processing and analysis of data using techniques such as Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) for engineering domain such as Healthcare, Agriculture, Cybersecurity etc.

At the end of the program, the participants should be able to understand and apply the following topics:

- How AI, machine learning and deep learning works along with motivations in engineering domain such as healthcare, agriculture, cybersecurity etc.
- Identify the potential applications of Multiagent Systems, autonomous AI Agents, Salesforce and Agentforce in Commerce Cloud for industrial and business environments.
- Apply the concepts and practical knowledge in analysis, design and development of AI, machine learning, deep learning techniques.
- Understand the use of Industrial AI, Predictive Modelling and Digital Twin technologies in engineering and biomedical applications..

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Sponsored by

AICTE Training and Learning (ATAL) Academy

05th – 11th January, 2027

Organized by

Centre of Excellence, Artificial Intelligence and Data Science
IIIT Bhagalpur

About AICTE Training and Learning

AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development e.g. SWAYAM, MOOCs, Start-up Initiatives, Prime Minister Kaushal Vikas Yojana (PMKVY), Sansad Adarsh Gram Yojana (SAGY), Swachh Bharat/Unnat Bharat Abhiyan, Yoga Activities etc. There is an urgent need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. It was felt that Training with latest tools and technologies is vital to keeping an institute competitive and more productive. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies.

Target Participants

Faculty members, Research scholars & PG Scholars of the AICTE approved institutions and Industry Personnel.

Eligibility to Attend FDP

Faculty members, Research scholars & PG Scholars of the AICTE approved institutions and Industry Personnel.

Registration Fee: Nil

There is no fee for attending this FDP

Participants can register for this course on AICTE ATAL by following steps

https://atalacademy.aicte-india.org/signup

How to register?

Step 1. One can Register themselves with an email id (sign up). If one has already registered, then login.

Step 2. Click on Workshops FDPs.

Step 3. Search by type "ATAL" and Month "December" from above dropdown box.

Step 4. Click the RED plus sign button to register.

Step 5. A short notification "successfully course registered" appears.

Step 6. One can also check their registration by clicking on the Applied Workshops (after done successfully registration)

Number of Seats: 100 (on first come first basis)

Details of FDP Mode

The mode of the FDP is ONLINE. There is no Registration fee from any participant.

Test & e-Certificate

- A test shall be conducted by the coordinator at the end of the program.
- The e-certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 70% marks in the test.

RESOURCE PERSONS

- ✓ Prof. Munindar Singh, North Carolina State University, USA
- ✓ Prof. Lalit Garg, University of Malta, Malta
- ✓ Mr. Kundana Lal, President, Vitti Foundation, New Delhi, India
- ✓ Prof. Kalyan Chatterjee, IIT (ISM), Dhanbad, Jharkhand, India
- ✓ Mr. Vineet Srivastava, Principal Consultant, Slalom, Dublin, Ireland.
- ✓ Mr. Prabhat Kumar Jha, Ex DGM, Maruti Suzuki India Limited
- ✓ Dr. Sriparna Saha, Assoc. Prof., IIT Patna, Bihar, India
- ✓ Mr. Kaustav Dutta, Senior manager, IBM global Services, Kolkata, W.B., India
- ✓ Mr. Rajesh Kumar Singh, Lead Consultant, HCLTech, Bangalore, India
- ✓ Dr. Akshay Deepak, Assoc. Prof., NIT Patna, Bihar, India
- ✓ Mr. Abhishek Kumar, Lead Consultant, Infosys, Bangalore, Karnataka, India
- ✓ Mr. Sumit Kumar Srivastava, Manager-Tech Support, Persistent Systems Ltd., Bangalore, Karnataka, India
- ✓ Mr. Rahul Patel, Radwell International, Bangalore, Karnataka, India

ORGANIZING COMMITTEE

Patron

Prof. Madhusudan Singh, Director, IIIT Bhagalpur

Chairperson & Coordinator

Dr. Dilip Kumar Choubey, Head CoE AI & DS, IIIT Bhagalpur

Co-Coordinator

Dr. Chetan Barde, ECE, IIIT Bhagalpur

Organizing Committee

Dr. Pradeep Kumar Biswal, CSE, IIIT Bhagalpur
Dr. Thejaswini M, CSE, IIIT Bhagalpur
Dr. Om Prakash Singh, CSE, IIIT Bhagalpur
Dr. Dheeraj Kumar Sinha, ECE, IIIT Bhagalpur
Dr. Chandan Kumar Jha, ECE, IIIT Bhagalpur
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CONTACT DETAILS

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Registration:

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