

# Short-Term Course on Machine Learning and Deep Learning in Agriculture and Biomedical Engineering (Hybrid Mode)

12<sup>th</sup> – 16<sup>th</sup> May, 2026



**Indian Institute of Information Technology  
Bhagalpur**  
**Department of Computer Science and  
Engineering,**  
**Bhagalpur – 813210, Bihar**

## Patron

**Prof. Madhusudan Singh**  
Director, IIIT Bhagalpur

## Coordinator

**Dr. Dilip Kumar Choubey**  
Assistant Professor  
Department of CSE, 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.

## About the Short-Term Course

This hybrid short-term course is aimed at imparting knowledge and training on the fundamentals and advancements of Machine Learning (ML) and Deep Learning (DL) in agriculture and biomedical engineering. Expert lectures will be delivered by faculty members from academia and industry. This programme will be beneficial to faculty members, research scholars, PG and UG students who intend to pursue research in the field of processing and analysis of data using techniques such as ML and DL for agriculture and biomedical engineering.

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

- How machine learning, and deep learning works along with motivations in Agriculture and Biomedical Engineering.
- Applications of machine learning and deep learning in Agriculture and Biomedical Engineering.
- How to formulate problems into machine learning and deep learning framework

- Practical knowledge in analysis, design and development machine learning, and deep learning techniques
- Practical session on machine learning and deep learning techniques by using python majorly in healthcare
- Disease types that the AI and machine learning communities are currently tackling and possible solutions for them.

## Guest of Honor & Keynote Speaker

- ✓ Mr. Kundana Lal, President, Vitti Research Foundation.

## Speakers

- ✓ Prof. Kalyan Chatterjee, IIT (ISM), Dhanbad, Jharkhand.
- ✓ Prof. Maheshwari Prasad Singh, NIT Patna, Bihar.
- ✓ Dr. Sriparna Saha, Assoc. Prof., CSE, IIT Patna, Bihar.
- ✓ Dr. Dilip Singh Sisodia, Assc. Prof. & Head, CSE, NIT Raipur, C.G.
- ✓ Dr. Jyoti Prakash Singh, Assoc. Prof., CSE, NIT Patna, Bihar
- ✓ Dr. Akshay Deepak, Assoc. Prof., CSE, NIT Patna
- ✓ Dr. Vaibhav Soni, Asst. Prof., CSE, MANIT Bhopal, M.P.
- ✓ Dr. Yugal Kumar, Assoc. Prof., STME, NMIMS Chandigarh
- ✓ Dr. Jitendra Kumar, Assoc. Prof., SAS, VIT Vellore, Tamil Nadu.
- ✓ Dr. Sandeep Raj, Asst Prof., ECE, IIIT Bhagalpur, Bihar.
- ✓ Dr. Chandan Kumar Jha, Asst Prof., ECE, IIIT Bhagalpur, Bihar.
- ✓ Dr. Suraj, Asst Prof., ECE, IIIT Bhagalpur, Bihar
- ✓ Dr. Dilip Kumar Choubey, Asst Prof., CSE, IIIT Bhagalpur, Bihar.

## Who can Participate?

Students, Industry personals, Research Scholars, and Faculty members of UGC/AICTE/MHRD recognized Institutes,

Universities and Engineering colleges all over India and abroad.

### Registration Fee

UG/PG/PhD/Faculty /Industry: Rs 500.00

UG/PG/PhD/Faculty (IIIT Bhagalpur): Rs. 300

### Last Date of Registration

09<sup>th</sup> May, 2026

### Number of Seats (Tentative):

35 in offline mode (on First cum first serve basis)

125 in online mode (on First cum first serve basis)

### Mode of Payments

#### 1. SBI Collect:

- i. Open SBI Collect website through the following link:  
<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
- ii. Select Educational Institutions
- iii. Select State as Bihar and search for IIIT Bhagalpur in the presented list.
- iv. Select the Payment Category as 'MISC'
- v. Fill in the Payment Details, Note: write the purpose as 'Machine Learning and Deep Learning in Agriculture and Biomedical Engineering'
- vi. Confirm your enter details
- vii. Choose your preferred payment options and complete your payment details.
- viii. Print the payment receipt and upload it to the google forms mentioned below section

#### 2. For Internet Banking User:

Bank Name: State Bank of India  
Account Name: IIIT Bhagalpur  
Account Number: 40204916172  
IFSC Code: SBIN0011805

### Registration Process

1. Registration can be done through the attached brochure or following the link mentioned below.

<https://forms.gle/yyXumzVFhCg8KBz99>

2. Total number of seats is 160 (35 in offline and 125 in online). Selection will be made purely on First-Come-First-Serve basis (Subject to fulfilling the eligibility criteria).

The brochure and the registration form may be downloaded from the Institute website. <https://www.iiitbh.ac.in/>

### Patron

Prof. Madhusudan Singh, Director, IIIT Bhagalpur

### Chairperson

Dr. Pradeep Kumar Biswal, HoD CSE, IIIT Bhagalpur

### Coordinator

Dr. Dilip Kumar Choubey, CSE, IIIT Bhagalpur

### Advisory Committee

Dr. Thejaswini M, CSE, IIIT Bhagalpur  
Dr. Om Prakash Singh, CSE, IIIT Bhagalpur  
Dr. Suneel Kumar, CSE, IIIT Bhagalpur  
Dr. Swati Kumari, CSE, IIIT Bhagalpur  
Mr. Mehul Kumar, CSE, IIIT Bhagalpur  
Dr. Sandeep Raj, ECE, IIIT Bhagalpur  
Dr. Chandan Kumar Jha, ECE, IIIT Bhagalpur  
Dr. Suraj, ECE, IIIT Bhagalpur  
Dr. Gaurav Kumar, MAE, IIIT Bhagalpur

### Address for Correspondence

Enquiry should be addressed to:

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IIIT Bhagalpur, Sabour, Bhagalpur, Bihar-813210, India

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Mobile: +91 7033789676

**Participants will get e-certificate after the successful completion of the course.**

### Short-Term Course on Machine Learning and Deep Learning in Agriculture and Biomedical Engineering (Hybrid Mode) (12<sup>th</sup> - 16<sup>th</sup> May, 2026) REGISTRATION FORM

Name (Mr/Ms/Dr.) .....

Designation.....

Department.....

Institute/Organization.....

Address.....

.....

Email .....

Mobile Number .....

WhatsApp Number.....

.....

Payment Details:

Online payment Reference number

.....

Date .....

Amount.....

Signature of Applicant

Click the following link for online registration:

<https://forms.gle/yyXumzVFhCg8KBz99>