

## Short-Term Course on Artificial Intelligence and Data Science in Healthcare

03<sup>rd</sup> – 07<sup>th</sup> May, 2022



Indian Institute of Information Technology Bhagalpur  
Department of Computer Science & Engineering,  
Bhagalpur – 813210 (Bihar)



**Patron**

**Prof. Arvind Choubey**  
(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 one of the 25 IIITs set up by MHRD, Govt. of India and it started functioning from the academic year 2017. 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. Arvind Choubey, Hon'ble Director of the Institute.

The institute is currently offering B. Tech. degree in Computer Science and Engineering, Electronics and Communication Engineering and Mechatronics Engineering. 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 online short-term course is aimed at imparting knowledge and training on the fundamentals and advancements of artificial intelligence and data science in healthcare. 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 Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) for Healthcare.

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 healthcare
- Applications of AI, machine learning and deep learning in healthcare

- How to formulate problems into artificial intelligence, machine learning and deep learning framework
- Apply the concepts and practical knowledge in analysis, design and development of AI, machine learning, 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

### Chief Guest

- ✓ Prof. Sarat Kumar Patra  
(Director, IIIT Vadodara)

### Guest of Honor

- ✓ Mr. Kundana Lal  
(President, Vitti Foundation)

### Keynote Speaker

- ✓ Prof. Ravi Bhushan Mishra  
(Dept. of CSE, NIT Patna)

### Speakers

- ✓ Prof. Rajiv Misra, CSE, IIT Patna
- ✓ Prof. Kalyan Chatterjee, HoD EE, IIT (ISM), Dhanbad
- ✓ Dr. Ranjan Kumar Behera, Assoc. Prof., EE, IIT Patna
- ✓ Dr. Maheshwari Prasad Singh, Assoc. Prof., CSE, NIT Patna
- ✓ Dr. Prabhat Kumar, Assoc. Prof., CSE, NIT Patna
- ✓ Dr. Dilip Singh Sisodia, Asst. Prof. & HoD, CSE, NIT Raipur
- ✓ Dr. Sudhakar Tripathi, Assoc. Prof. & HoD, IT, REC Ambedkar Nagar
- ✓ Dr. Prakash Kumar Singh, Data Scientist, IBM India
- ✓ Dr. Vaibhav Soni, Asst. Prof., CSE, MANIT Bhopal

- ✓ Dr. Chandrashekhar Azad, Asst. Prof., CSE, NIT Jamshedpur
- ✓ Dr. Rahul Raman, Asst. Prof., CSE, IIITDM Kancheepuram
- ✓ Dr. Jitendra Kumar, Assoc. Prof., SAS, VIT Vellore
- ✓ Dr. Ashutosh Mishra, Asst. Prof., CSE, TIET Patiala
- ✓ Dr. Sandeep Raj, Asst. Prof., ECE, IIIT Bhagalpur
- ✓ Dr. Dilip Kumar Choubey, Asst. Prof., CSE, IIIT Bhagalpur

### 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

From Academic/Industry: Rs 500.00

### Last date of submission of application

**01 May, 2022.**

### Number of Seats (tentative)

**50 (on First cum first serve basis)**

### Mode of Payments

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/C4nsC45z8eotUNY97>
2. Total number of seats is 50. 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. Arvind Choubey, Director, IIIT Bhagalpur**

### Chairperson

Dr. Pradeep Kumar Biswal, HoD CSE, IIIT Bhagalpur

### Organizing Committee

Dr. Babul Prasad Tewari, CSE, IIIT Bhagalpur  
 Dr. Rupam Bhattacharyya, CSE, IIIT Bhagalpur  
 Dr. Thejaswini M, CSE, IIIT Bhagalpur  
 Dr. Dheeraj Kumar Sinha, ECE, IIIT Bhagalpur  
 Dr. Prakash Ranjan, ECE, IIIT Bhagalpur  
 Dr. Sanjay Kumar, ECE, IIIT Bhagalpur  
 Dr. Sandeep Raj, ECE, IIIT Bhagalpur  
 Dr. Suraj, ECE, IIIT Bhagalpur  
 Dr. Chandan Kumar Jha, ECE, IIIT Bhagalpur  
 Dr. Dhruvajyoti Bhattacharya, ECE, IIIT Bhagalpur  
 Dr. Abhinav Gautam, MeA, IIIT Bhagalpur  
 Dr. Gaurav Kumar, MeA, IIIT Bhagalpur  
 Dr. Purnendu Kumar Mandal, MeA, IIIT Bhagalpur  
 Dr. Tameshwer Nath, MeA, IIIT Bhagalpur  
 Dr. Himadri Nayak, BSH, IIIT Bhagalpur  
 Dr. Pankaj Kumar Tiwari, BSH, IIIT Bhagalpur

### Coordinator

**Dr. Dilip Kumar Choubey, CSE, IIIT Bhagalpur**

### Address for Correspondence

Enquiry should be addressed to:

**Dr. Dilip Kumar Choubey**

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Mobile: +91 7033789676

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

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### 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/C4nsC45z8eotUNY97>