



# NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI AND DEPT OF SCIENCE & TECHNOLOGY, GOVT. OF BIHAR  
AFFILIATED TO ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA  
AMHARA, BIHTA, PATNA-801118, BIHAR

Session 2021-2022

## Notice

Date:-22-07-2022

All 8<sup>th</sup> Semester students of Civil Engineering (CE) Department are here by informed that a certificate course on “**Building Information Modeling(BIM)**” is going to be organized by CE Department in association with “**National Design School, PATNA**” from 1<sup>st</sup> Aug 2022 to 6<sup>th</sup> Aug 2022. The registration fees is Rs. 500 /-. The interested student should register their name on or before 27<sup>th</sup> July, 2022.

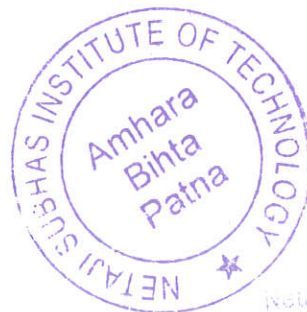
*Mithlesh*

Mithlesh Kumar Jha  
(HOD, CE Department)

Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

Copy to:

1. Principal, NSIT
2. Notice Board




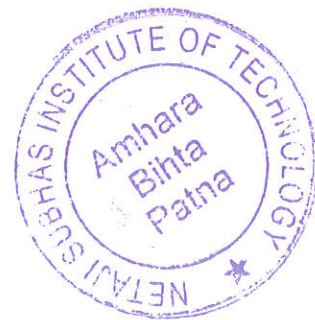
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Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801118

**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, BIHTA**  
**Session 2021-22 Workshop on " BIM"**  
**Attendance Sheet**

Sr.No	Name of Student	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug	06-Aug
1	SUMAN SAURAV	P	P	P	P	P	P
2	AMIT KUMAR	P	P	P	P	P	P
3	Ramkrishna	P	P	P	P	P	P
4	Kumar sonu	P	P	P	P	A	P
5	RAVI KUMAR SHARMA	P	P	P	P	P	P
6	MOHAMMAD RAHMAT	P	P	P	A	P	P
7	RITESH RANJAN	P	P	P	P	P	P
8	SUMIT KUMAR	P	P	P	P	P	P
9	ABHINAV KUMAR	P	A	P	P	P	P
10	LAVKUSH KUMAR	P	P	P	P	P	P
11	AKHILESH KUMAR SINGH	P	P	P	P	P	A
12	ABHISHEK KUMAR	P	P	P	P	P	P
13	FARAZ KHAN	P	P	P	P	P	P
14	NITISH KUMAR	P	P	P	P	P	P
15	ANKITA KUMARI	P	P	P	P	P	P
16	RANJAN KUMAR	P	P	P	P	P	P
17	AMAN KUMAR	P	P	P	P	P	P
18	ADHYAYAN RAJ	P	P	P	P	P	P
19	VISHNU ANAND	P	P	P	P	P	P
20	AMIT PRAKASH	P	P	P	P	P	P
21	ANSHUMAN KUMAR	P	P	P	P	A	P
22	VISHAL KUMAR	P	P	P	P	P	P
23	SONAM	P	P	P	P	P	P
24	SHUBHAM KISHAN	P	P	P	P	P	P
25	RITESH KUMAR	P	P	P	P	P	P
26	BALMUKUND KUMAR	P	P	P	P	P	P
27	MAUSAM KUMAR	P	P	P	P	P	P
28	RAJ ARYAN	P	P	P	P	P	P
29	ZASEEM AKHTAR ANSARI	P	A	P	P	P	P
30	MD TAHA ASHFAQUE	P	P	P	P	P	P
31	MOFEEZ JAWED	A	P	P	P	P	P
32	NISHANT SUMAN	P	P	P	P	A	P
33	ROHAN KUMAR THAKUR	P	P	P	P	P	P
34	ABHISHEK KUMAR	P	P	P	P	P	P
35	PIYUSH RANJAN	P	P	P	P	P	P
36	GULSHAN KUMAR	P	P	P	A	P	P

37	Keshav Aditya	P	P	P	P	P	P
38	ASHISH RAJ	P	P	P	P	P	P
39	KAUSHAL VARDHAN	P	P	P	A	P	P
40	SHUBHAM KUMAR	P	A	P	P	P	P
41	SUSHMA KUMARI	P	P	P	P	P	P

  
 Netaji Subhas Institute of Technology  
 Amhara, Bihta, Patna, Bihar  
 PIN-801106



## Building Information Modeling

### Overview of seminar

The course is designed for students to learn the essential concepts of BIM, and the basic technical skills to create and manipulate a BIM model. Those skills include how to retrieve information from a BIM model and how to use common modeling tools.

### Objective of seminar:-

This course covers Building Information Modeling (BIM), including its use and application for small- and large-scale building construction projects. Students will learn terminology associated with buildings, the theory and evolution of BIM, and how to develop BIM models using Autodesk Revit. As time allows, this course will also cover selected topics on how BIM is used to help prepare or feed into key project items, such as cost estimation, architectural renderings, interference checking, and modeling of energy consumption.

### Course Content:-

Sl. No	Content	Time (in Hrs)
1	Introduction to BIM: Overview	5
2	Basics of BIM Modeling	6
3	Advanced BIM Modeling	6
4	Information Management	5
5	BIM Modelling Specialisation	4



  
**Director**  
Netaji Subhas Institute of Technology  
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The laboratories are equipped with excellent and advanced equipment and provide all required facilities for advanced research in specific fields of Civil Engineering, like Geotechnical Engineering, Material Testing and Evaluation, Transportation Engineering etc.

### Organizing Committee

#### **Patron**

Mr. M. M. Singh, Founder Secretary, NSIT  
Mr. Krishna Murari, Registrar, NSIT  
Dr. S. Singh, Director, NSIT

#### **Convener**

Dr. J. Dalei, Dean, Academic, NSIT

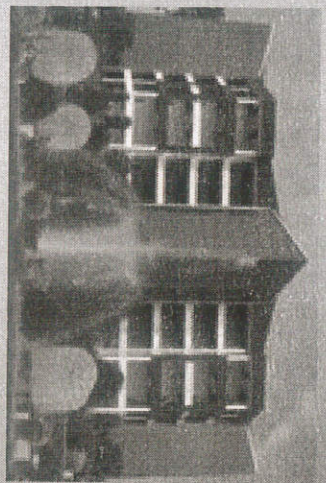
#### **Coordinators**

Mr. Mithlesh Kumar Jha, NSIT Patna  
Mr. B.K. Mandal, NSIT Patna

#### **Organizing Members**

Mr. Rajeev Ranjan Kr.  
Mr. Akash Singh  
Mr. Satya Prakash  
Mr. Ranjeet Kumar  
Mr. Anup Kumar  
CIVIL ENGG. Department, NSIT BIHTA

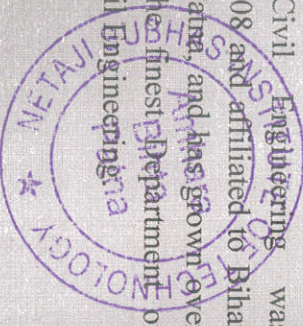
### About the Institute



Netaji Subhas Institute of Technology established in 2007, with first batch started in 2008 has its magnificent campus at Amhara in the district of Patna, Bihar. The nearest railway station is Bihta about 2 kilometers from the institute campus and about 25 KM from Patna A railway junction the state capital and major business and Educational hub of the state. Bihta is the industrial hub and blessings nerve centre of the entire state of Bihar. NSIT, A Degree level Engineering Institute has become a "An effective source of Technocrats to the nation". with its unique infrastructural facilities of 4,00,000 Sq.Ft. of built up area on approximately 18 acres of green luster land at Amhara, Bihta, Patna, Ambience at the campus serve and Ashram like. The college offers 4 years B.Tech courses in CSE, ECE, EEE, ME and CE.

### About the Department

The Department of Civil Engineering was established in the year 2008 and affiliated to Bihar Engineering University, Patna, and has grown over the years into one of the finest Department of training in the field of Civil Engineering



### **One Week-Workshop**

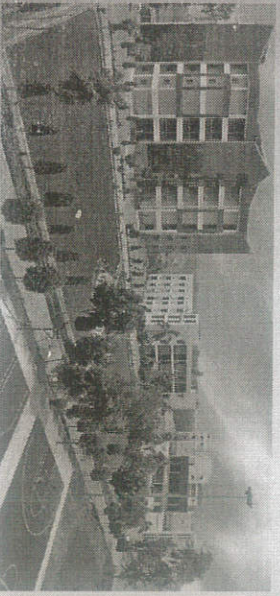
on

Application of Building Information Modeling (BIM) in Civil Engineering



Date: 1<sup>st</sup> Aug to 6<sup>th</sup> Aug, 2022

Organized by:  
Department of Civil Engineering  
NSIT Bihta Patna



### About the Workshop

**Course Description:** This course covers building Information Modeling (BIM), including its use and application for small- and large-scale building construction projects. Students will learn terminology associated with buildings, the theory and evolution of BIM, and how to develop BIM models using Autodesk Revit. As time allows, this course will also cover selected topics on how BIM is used to help prepare or feed into key project items, such as cost estimation, architectural renderings, interference checking, and modeling of energy consumption.

### COURSE CONTENTS

#### Lecture Session

- Introduction to/Review of Buildings & Systems
- Introduction to BIM and BIM Concepts
- Autodesk Revit
- Future of BIM

#### Practical Session

- Making a Topographic map
- Working with Attributes
- Geo-referencing and Digitization
- Case Study on Industrial Project

### Vision of Department

To become a premier Civil Engineering Department offering excellent engineering education in design methods and advanced technologies to the students, to pursue research in thrust areas and to offer professional services to the society.

### Mission of Department

The Department is committed to develop competent professionals by offering need based curriculum in Civil Engineering areas, promoting research and innovation to prepare the students for higher study, life-long learning and societal responsibility. The department is also committed to provide good learning environment to develop professional ethics and skills in our students and to provide engineering services to the society.

### Resource Persons

**Ujjawal Kumar, Centre Head**  
**National Design School, Patna**



### REGISTRATION

This workshop is open to the faculty members of AICTE/ UGC approved Engineering Institutes/ Universities/ R&D Labs/ Industry person/ Ph.D. scholars/ postgraduate and under graduate students interested to know about the current status, scope, and challenges about advancements in manufacturing.

### REGISTRATIONFORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Area of Work: \_\_\_\_\_

Email: \_\_\_\_\_

Contact no: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

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