



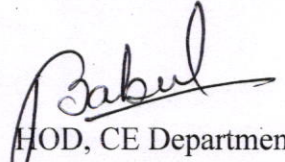
# NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI AND DEPT OF SCIENCE & TECHNOLOGY, GOVT. OF BIHAR  
AFFILIATED TO BIHAR ENGINEERING UNIVERSITY, PATNA  
AMHARA, BIHTA, PATNA-801106

Date:-28-07-2023

## Notice

All 6th students of Civil Engineering (CE) Department are here by informed that a course on “**Recent advancement in civil engineering construction materials**” is going to be organized by CE Department in association with **Ultra-Tech cement**, from 03<sup>rd</sup> Aug 2023 to 08<sup>th</sup> Aug 2023. The registration fees is Rs. 500/-. The interested student should register their name on or before 31<sup>st</sup> July 2023.

  
HOD, CE Department

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

Copy to:

1. Director, NSIT
2. Notice Board
1. Dean, NSIT



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

**Overview of workshop:-**

Recent advancement in construction materials is a new generation of construction materials that demonstrate exceptional properties, making buildings and infrastructure smarter, more sustainable, energy-efficient, and resilient.

**Objective of workshop:-**

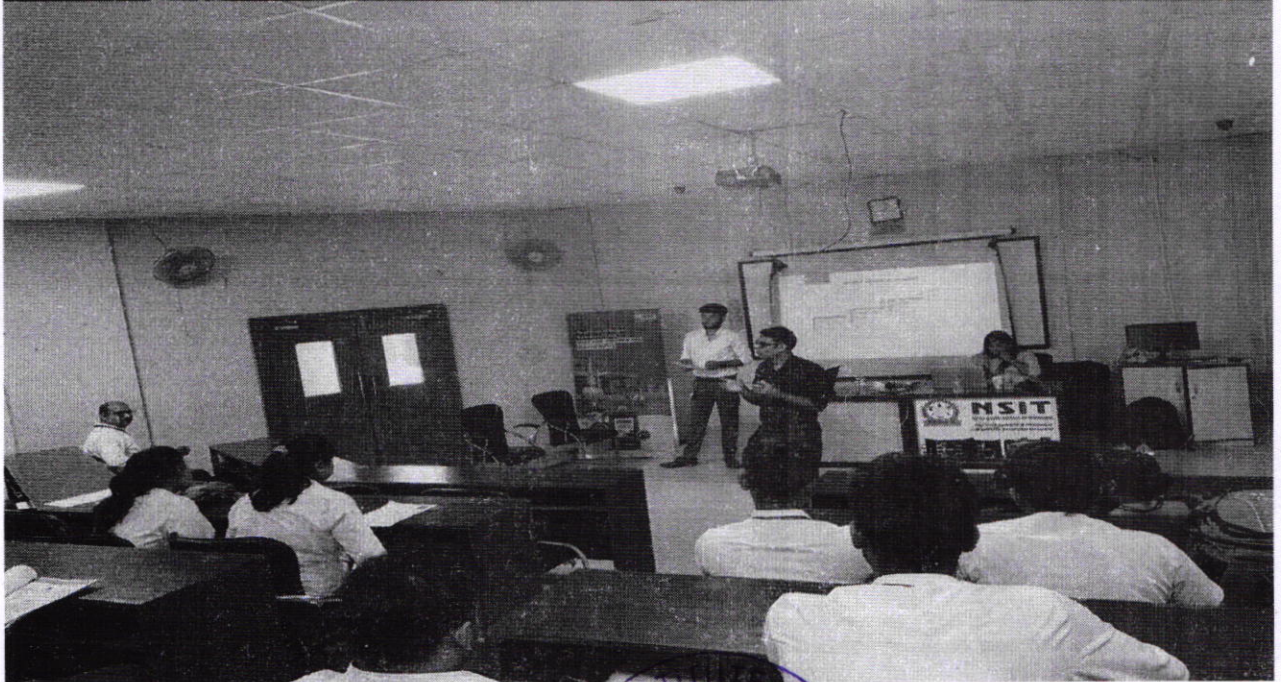
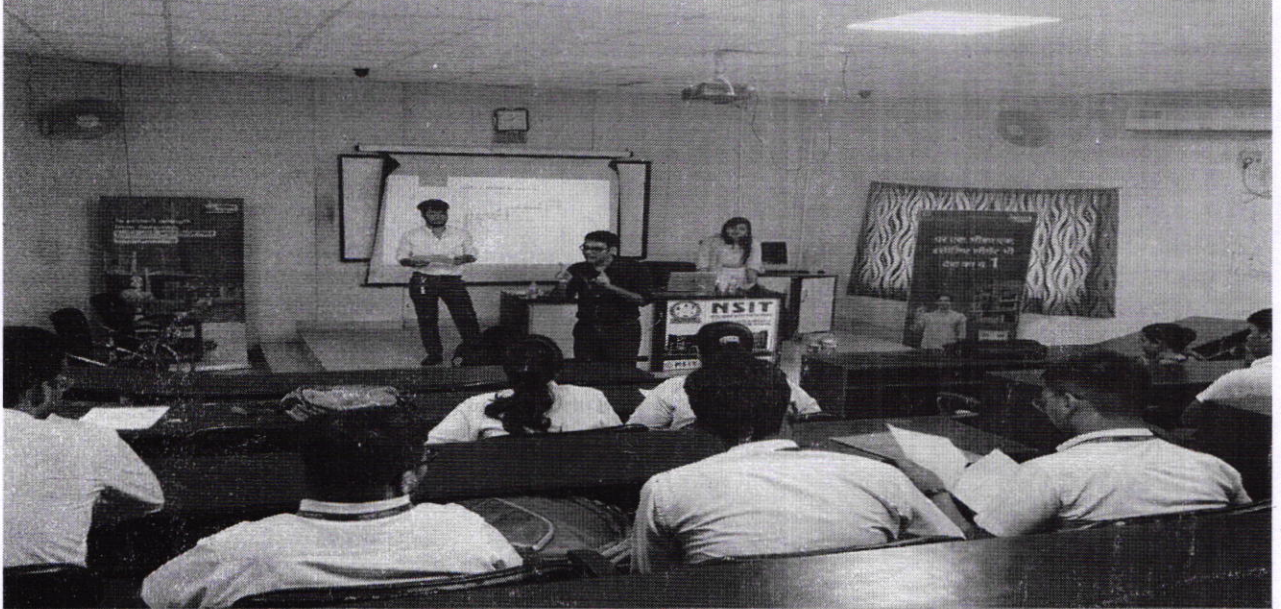
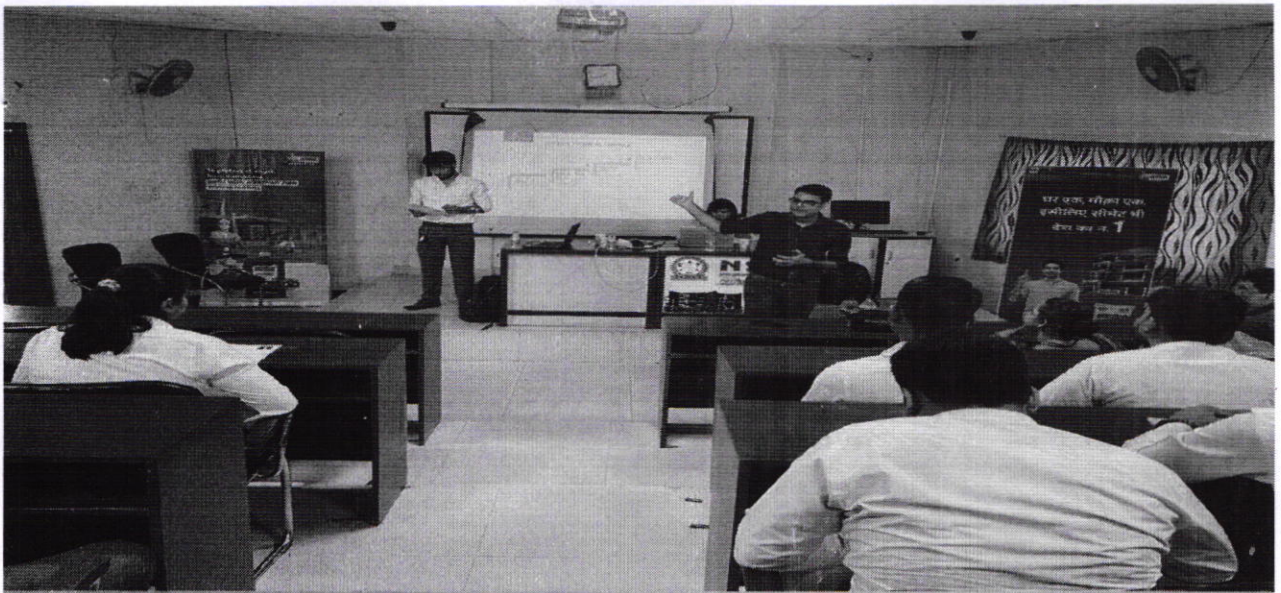
To educate students to become professional construction personnel for building and managing building and infrastructure projects, supporting and enhancing economic developments and creating a better quality of life. To contribute to the development and maintenance of building and infrastructural facilities and systems, especially in the local and neighbouring regions.

**Course Content:-**

Sl.No	Content	Time (in Hrs)
1	Introduction to new construction materials	4
2	Development of New Construction Material	5
3	New construction material from Industrial waste.	4
4	Construction of Modern Industrial structure.	5
5	Infrastructure Development.	4
6	High rise Structure	5
7	Advances in Transportation Planning	4



*[Signature]*  
**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106



*J.J.J.*  
**Director**

Netaji Subhas Institute of Technology  
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PIN-801106

## 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

## Objective of Workshop

The objective of the workshop is to identify the key industry drivers for innovation in advanced materials and manufacturing technology in the scope of Industry. It will explore processing and applications of different advanced materials including smart materials and composites, and will also shed light on recent trends in the domains of manufacturing technologies. Further, it will help the participants in understanding the ever-evolving concepts of manufacturability. Moreover, this workshop will explore the future scopes of advanced materials, advanced manufacturing technologies, issues, challenges and research opportunities to meet the industry needs.

## 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 on 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 lustrer 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. 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.

## One Week-Workshop

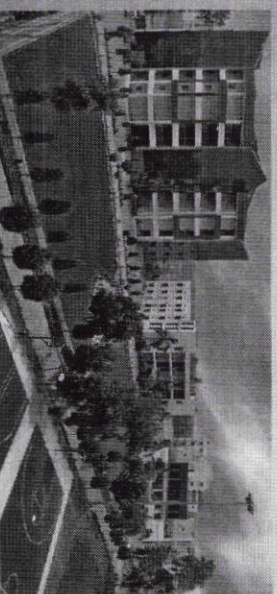
ON

**Recent Advances in Engineering  
Materials and Construction Practices.**



**Date: 3<sup>rd</sup> Aug to 8<sup>th</sup> Aug, 2023**

**Organized by:  
Department of Civil Engineering  
NSIT Bihta Patna**



**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bih.  
Pin-801 105



### About the Workshop

In line with the current trends in manufacturing industries in adaptation and implementation of industry, this workshop provides an excellent venue for the community to keep abreast with the current technological advancements. Recent advancements this new round of revolution in science and technology has led the traditional manufacturing industry in gradual up gradation in the direction of advanced material development and intelligent manufacturing. We are keen to organize this workshop to get an insight into the latest developments in the field of modern engineering materials used in different constructions and advanced construction methodologies and infrastructures in Civil engineering. Also it is an opportunity to provide knowledge in recent advances in Civil engineering by eminent professors and technocrats of the state/ country.

### COURSE CONTENTS

This course aims to include the following topics  
Introduction to new construction materials

Development of New Construction Material

New construction material from Industrial waste.

Construction of Modern Industrial structure.

Infrastructure Development.

High rise Structure.

### 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

Mr. Shanz Raza Hashan,

Territory Technical Head, Ultra-Tech

Mr. Ravi Ranjan,

Regional Technical Head, Ultra-Tech



### REGISTRATION

This workshop is open to the faculty members of AICTE/ UGC approved Engineering Institutes/ Universities/ under graduate students interested to know about the current status, scope, and challenges about advancements in manufacturing.

The participation fees Rs 500/- only

Mode of registration: - Spot

For More Information Contact us on:-

7004250128, 8272858465, 9102403261

### REGISTRATIONFORM

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

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

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

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

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

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

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

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

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

  
Director  
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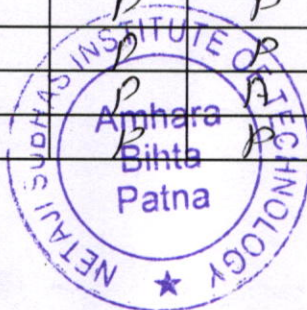
**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, BIHTA**

Session 2022-23

**Workshop on “ Recent Advancement in Civil Engineering Construction Materials ”**

**Attendance Sheet**

Sr.No	Name of Student	03-Aug	04-Aug	05-Aug	06-Aug	07-Aug	08-Aug
1	AKHAND PRATAP SINGH	P	P	P	P	P	P
2	PRIYATI	P	P	P	P	P	P
3	PAYAL KUMARI	P	P	P	P	P	P
4	ANKIT KUMAR	P	P	P	P	P	P
5	ADARSH AMRITANSHU	P	P	P	P	P	A
6	FAIYAZ AHMAD	P	A	P	P	P	P
7	VISHWAJEET KUMAR	P	P	P	P	P	P
8	AAYUSH KUMAR	P	P	P	P	P	P
9	PRAFUL KUMAR	P	P	P	P	A	P
10	ROHIT KUMAR	P	P	P	P	P	P
11	RAMANAND	P	P	P	P	P	P
12	AYUSH RANJAN	P	P	P	P	P	P
13	SONU KUMAR	P	P	P	P	P	P
14	SHAZAN MOQUITE	P	A	A	P	P	P
15	MD SAMER IQBAL	P	P	P	A	P	P
16	ANIL KUMAR	P	P	P	P	P	P
17	SHIKHA RANI	P	P	P	P	P	P
18	ANKIT KUMAR	P	P	P	P	P	P
19	SAHIL KUMAR	P	P	P	P	P	P
20	RAVIKANT PANDEY	P	P	P	P	P	P
21	MD SHAFIULLAH	P	P	P	A	P	P
22	DEEPANSUSEN GUPTA	P	P	P	P	P	P
23	ANAND KUMAR	P	P	P	P	P	P
24	ANJU KUMARI	P	P	P	P	P	P
25	SAURAV KUMAR	P	P	P	P	P	P
26	AMIT KUMAR	P	P	P	P	P	P
27	SHRUTI KUMARI	P	P	P	P	P	P
28	SHIVAM KUMAR	P	P	P	P	P	P
29	PARTHIV RAJ HANS	P	P	P	P	P	P
30	ABHIJEET KUMAR SHARMA	P	P	P	P	P	P
31	NIRAJ KUMAR	P	P	P	P	P	P
32	NIHAL SINGH	P	P	P	P	P	P
33	NITISH KUMAR PANDEY	P	P	P	P	P	P
34	SAHIL SINGH	P	P	P	P	P	P
35	AAKASH KUMAR	P	P	P	P	P	P
36	RASHMI SHANKAR	P	P	P	P	P	P
37	RICKEY KUMAR	P	P	P	P	P	P
38	HARSH CHOUDHARY	P	P	P	P	P	P



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