



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 2020-2021

Notice

Date:-07-06-2021

All 6th Semester students of **Civil Engineering** (CE) Department are here by informed that a certificate course on “GIS” is going to be organized by CE Department from 14th June to 18th June, 2021. The registration fees is Rs. 750 /-. The interested student should register their name on or before 10th June 2021.

Mithlesh

Mithlesh Kumar Jha

(HOD, CE Department)

Head of Department

Department of Civil Engineering

Netaji Subhas Institute of Technology



Copy to:

1. Dean, NSIT
2. Notice Board

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

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Mr. Akash Singh
Mr. Satya Prakash
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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 kilometres 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 lustre land at Amhara, Bihta, Patna. Ambience at the campus serve and Ashram like. The college offers 4 yaers 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.

Director

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



One Week-Workshop

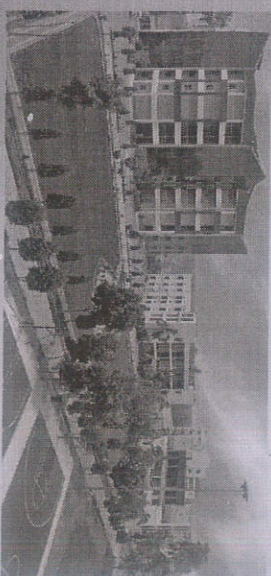
on

**Application of Geographical
Information System (GIS) in Civil
Engineering**



Date: 14th June to 18th June, 2021

Organized by:
Department of Civil Engineering
NSIT Bihta Patna



About the Workshop

Geographic Information System (GIS) technology has predominantly changed how our world is analyzed and modeled. Be it small businesses, multinational companies, agriculture-based companies, educational institutions, or maps guiding a lost individual- GIS finds application in many areas. The rapid growth rate of data poses the huge challenge to its interpretation. GIS provides an easy and more efficient way to interpret geospatial data – to create a topographic map with elevation, angles and other features. This workshop exposes the participants to the concepts and applications of GIS in use for multiple disciplines. Participants will learn to create, edit, visualize, and analyze geospatial information and apply this learning to work on a vast range of projects where GIS technology is used.

COURSE CONTENTS

Lecture Session

- Geographic Information System
- GIS Data Models and Data Acquisition
- Coordinate System and Map Projections
- Brief Introduction to GPS and Remote sensing

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

1. **Dr. Om Prakash (IITP CED Asst. professor)**
2. **Dr. Vishal Deshpande (IITP CED Asst. professor)**
3. **Dr. Ramakar Jha (NITP CED Professor)**

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.

The participation fees Rs 750/- only

Mode of registration: - Spot

**For More Information Contact us on:-
7979093933, 9102403261**

REGISTRATION FORM

Name: _____
Designation: _____
Organization: _____
Area of Work: _____
Email: _____
Contact no: _____
Address: _____
Date: _____
Signature: _____



Director
Netaji Subhas Institute of Technology
Amhara, Bihar, Patna, 801 006

Application of Geographical Information System (GIS)

Overview of seminar:-

Basics of Remote Sensing, Global Navigation Satellite System, Geographic Information System and Applications of Geospatial technology. The syllabus and the lecture content are modified every year by the faculty based on the feedback received and the emerging trends in the technology.

Objective of seminar:-

The course includes principles of GIS technology with an overview of GIS, Geographic Phenomena, Data Inputting and Editing in GIS, GIS Data Models, GIS System Architecture, Geographic Data Standards and Policies, Topology and Spatial Relationship, Spatial Data Analysis, Spatial Data Quality, Spatial Data Errors, Map Projection and Advanced Geospatial Modelling. The free and open source software will be used as a platform for demonstrations and development.

Content:-

Sl.No	Content	Time (in Hrs)
1	Geographic Information System	4
2	GIS Data Models and Data Acquisition	5
3	Coordinate System and Map Projections	4
4	Brief Introduction to GPS and Remote sensing	5



[Signature]
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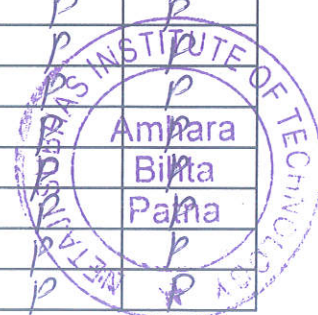
NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, BIHTA

Session 2020-2021

Workshop on " GIS "

Attendance Sheet

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



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