



Internal Quality Assurance Cell

DVV Clarifications

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Findings of DVV

1)Kindly provide data in the template. 2)Event Brochures and reports year-wise. 3)Annual reports highlighting the programs undertaken by the teaching faculties and non-teaching staff.

Response of HEI

- 1) Data in the template is provided
- 2) Event Brochures and reports year-wise is provided with Annual reports.


IQAC Coordinator
Coordinator
Internal Quality Assurance Cell
SITYOG Institute Of Technology




Director/ Principal



Year	Name of the participant	Designation	Title of the FDP /MDF/professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2023	Mr. Suraj	Assistant Professor	Five days online international faculty development programme On Recent trends in composites	02-01-2023 to 06-01-2023
2023	Mr. Vaibhav Pratap Singh	Assistant Professor	Five days online international faculty development programme On Recent trends in composites	02-01-2023 to 06-01-2023
2023	Mr. Vaibhav Pratap Singh	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Sandeep Kumar Choubey	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Kumar Vishal	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Sanoj Kumar	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Indrajeet Kumar	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Vikrant	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Ms. Priyanka	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Rajiv Nayan	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2022	Mr. Rajiv Nayan	Assistant Professor	One week faculty development programme through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Sandeep Kumar Choubey	Assistant Professor	One week faculty development programme through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Sanoj Kumar	Assistant Professor	One week faculty development programme through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Indrajeet Kumar	Assistant Professor	Intelligent Transportation systems approach for traffic Data Collection & Extraction	28-02-2022 to 04-03-2022
2022	Mr. Suraj	Assistant Professor	Orientation Training Programme for Mentors	7-2-2022 to 11-2-2022
2022	Mr. Vaibhav Pratap Singh	Assistant Professor	AICTE Training and Learning (ATAL)Academy online FDP on "3D Printing & Design	7-12-2022 to 11-12-2022
2022	Mr. Ranjeet Kumar Pendey	Assistant Professor	One week faculty development programme through ICT MODE on Fundamentals of Machine learning and Deep learning	26-09-2022 to 30-09-2022



Ranjeet Kumar

2022	Mrs. Ruby Singh	Assistant Professor	One week faculty development programme through ICT MODE on Fundamentals of Machine learning and Deep learning	26-09-2022 to 30-09-2022
2020	Mr. Suraj	Assistant Professor	Short Term Training Programme through ICT mode on Induction Training	23-11-2020 to 27-11-2020
2020	Mr. Suraj	Assistant Professor	5 day online FDP on universal human values for DEEKSHARAMBH (Student induction program)	23-11-2020 to 27-11-2020
2020	Mr. Suraj	Assistant Professor	AICTE Training and Learning (ATAL)Academy online FDP on "3D Printing & Design	7-12-2020 to 11-12-2020
2019	Mr. Dhnanjay Singh	Assistant Professor	Short Term Training Programme through ICT mode on Modern Manufacturing Systems	18-02-2019 to 22-02-2019
2018	Mr. Ashwini Kumar Mishra	Assistant Professor	One week Short term course through ICT mode on MATLAB & LABVIEW with its Hardware Interface.	29-01-2018 to 02-02-2018



Ashwini Kumar

Session 2022-23

The annual reports of the academic year 2022-2023, focusing on the programs undertaken by teaching faculties and non-teaching staff. Key findings indicate significant progress in research initiatives and professional development for faculty, while non-teaching staff programs have improved administrative efficiency and student support services.

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2023	Mr. Suraj	Assistant Professor	Five days online international faculty development program On Recent trends in composites	02-01-2023 to 06-01-2023
2023	Mr. Vaibhav Pratap Singh	Assistant Professor	Five days online international faculty development program On Recent trends in composites	02-01-2023 to 06-01-2023
2023	Mr. Suraj	Assistant Professor	Five days short-term course on Academic Research writing	17-07-2023 to 21-07-2023
2023	Mr. Vaibhav Kumar	Assistant Professor	Five days short-term course on Academic Research writing	17-07-2023 to 21-07-2023
2023	Mr. Vaibhav Pratap Singh	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
2023	Mr. Sandeep Kumar Choubey	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023
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2023	Mr. Rajiv Nayan	Assistant Professor	Five days short term online course on Construction Management and Practices	14-08-2023 to 19-08-2023



Rajesh Kumar

Media

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Alliance University Hosts a Five-Days Online International Faculty Development Program on Recent Trends in Composites (FDP RTC 2023)

07 January, 2023



CFRP structures: The future of sustainable aviation?



Abhas Choudhary, M.Sc.
Technical Lead & Composite Manufacturing Engineer
SAMXL, The Netherlands

2nd January 2023



A Five-Days Online International Faculty Development Program on Recent Trends in Composites (FDP RTC 2023) was organized by the Department of Mechanical Engineering, Alliance College of Engineering and Design, Alliance University, Bengaluru. The program started with an inaugural speech by the program coordinators. The program's inauguration was done by Dr. Reeba Korah, Professor and Interim-Dean, Alliance College of Engineering and Design, Alliance University. Dr. B.M. Girish, Professor and Head - Department of Mechanical Engineering, Alliance College of Engineering and Design welcomed the participants. Further, a brief overview of the department and objectives of the FDP were presented.

On Day One, Mr. Abhas Choudhary, from SAMXL, Delft, Netherlands, delivered a lecture on CFRP Structures: The Future of Sustainable Aviation. Participants got in-depth knowledge of light composite materials explicitly developed for aircraft

applications. **Day Two** had an informative lecture on Recent Trends in Waste Utilization: Thriving towards Waste to Material Approach in Polymer Composite Industry by Dr. S. Indran, King Mongkut's University of Technology North Bangkok, Thailand and it was presented how the waste can be utilized for novel materials as structural applications.

Dr. Sabarish Radoor, Jeonbuk National University, South Korea, presented a lecture on Polymer nanocomposites for wastewater treatment with the new trends materials by reducing the energy consumption, cope in optimizing the utilization of materials was brushed to participants on Day Three. Whereas, Dr. Akarsh Verma, Osaka University, Japan, delivered an informative lecture on molecular dynamics simulations: Applications in 2D nanomaterials and nanocrystalline alloys on Day Four. He explained how molecular dynamics simulation and computational mechanics support the development of composites by improving their mechanical and thermal properties.

On Day Five, Dr. Reda Felfel from the University of Strathclyde presented a lecture on Polymer composites for biomedical applications, where the response of bio-based materials in different perspectives of biomedical application was briefed.

Feedback for the program was taken after the completion of every session from the participants in which various parameters were considered. The program received an overwhelmingly positive response and appreciation from all participants for the FDP, the way it was managed, and the quality of the lectures delivered by expert speakers. The FDP RTC 2023 came to a successful close with a vote of thanks by the program coordinators.

[Back](#)



Rajesh Kumar

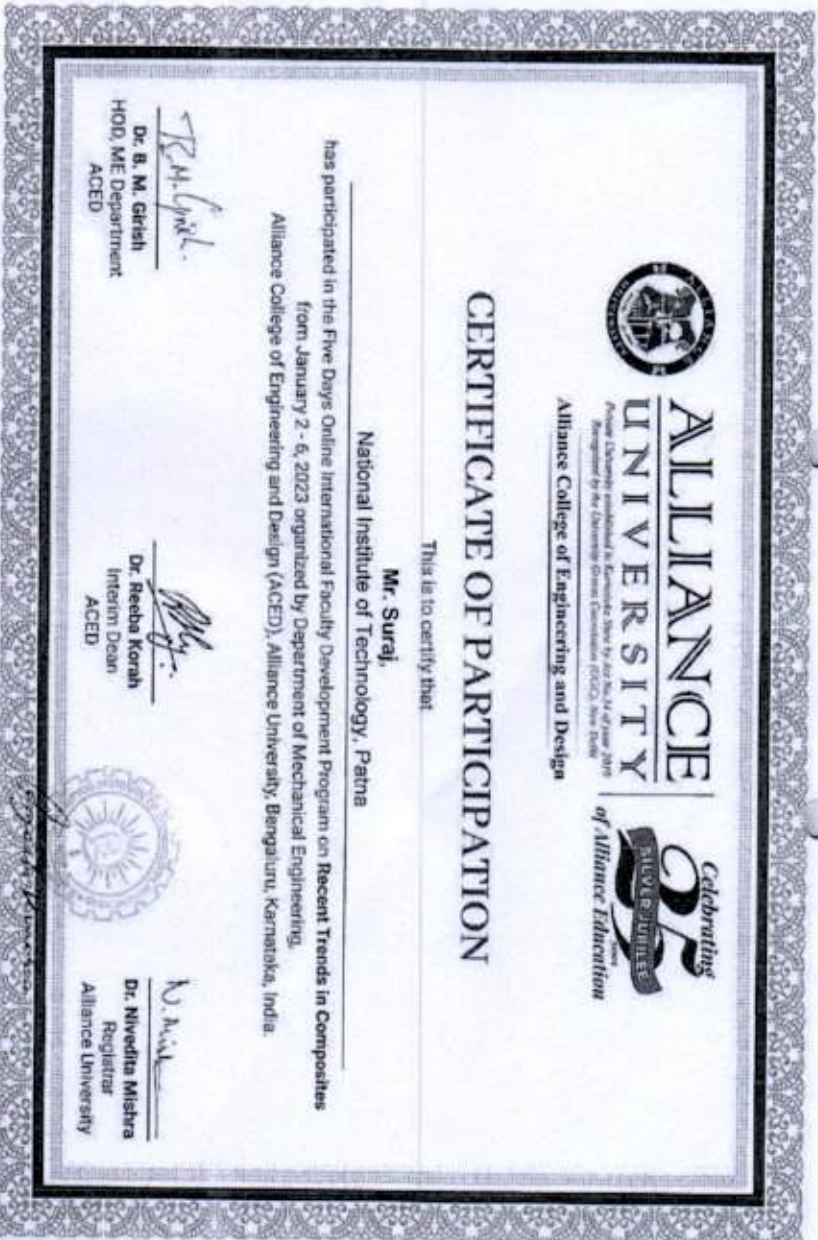
ABOUT

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A faculty development program on "Recent Trends in Composites" is an educational initiative designed to update and enhance the knowledge and skills of faculty members in the field of composite materials. This program aims to keep educators abreast of evolving trends, enabling them to incorporate cutting-edge knowledge into their curriculum and better prepare students for careers in the composites industry. The following teaching faculties Mr. Suraj and Mr. Vaibhav Pratap Singh attended faculty development program on **recent trends in composites** at Alliance University, from 02-06 January, 2023. The certificate provided by the organizing institution has been represented below for the validation.




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Registrar


A "Five Days Short-Term Course on Academic Research Writing & Publishing" is a focused training program aimed at enhancing the research and publishing skills of academic professionals, researchers, and graduate students. The following teaching faculties Mr. Suraj and Mr. Vaibhav Pratap Singh successfully attended Five Days Short -Term Course on "Academic Research Writing & Publishing" jointly organized by department of humanities and social sciences & central library, NIT Patna during 17th -21st July 2023. It was helpful for the improvement in the research and publishing articles. The certificate provided by the organizing institution has been represented below for the validation.


FIVE DAYS SHORT-TERM COURSE [HYBRID MODE]
ON
ACADEMIC RESEARCH WRITING AND PUBLISHING
(17-21 JULY 2023)
CERTIFICATE OF PARTICIPATION

This certificate is presented to **Dr./Mr./Mrs./Ms.** SURAJ
Research Scholar, Department of Mechanical Engineering, National Institute of Technology Patna

for participating in Five Days Short-Term Course on "Academic Research Writing & Publishing"
jointly organized by Department of Humanities and Social Sciences & Central Library, National
Institute of Technology Patna during 17th -21st July 2023.


Dr. Mahesh Singh
Coordinator
Central Library, NIT Patna


Deepak Kumar Behera
Coordinator
Dept. of HSS, NIT Patna



Vaibhav Pratap Singh



FIVE DAYS SHORT-TERM COURSE [HYBRID MODE]
ON
ACADEMIC RESEARCH WRITING AND PUBLISHING
(17-21 JULY 2023)

CERTIFICATE OF PARTICIPATION

This certificate is presented to Dr./Mr./Mrs./Ms. _____

VAIBHAV KUMAR

Research Scholar, Department of Mechanical Engineering, National Institute of Technology Patna
for participating in Five Days Short-Term Course on "Academic Research Writing & Publishing"
jointly organized by Department of Humanities and Social Sciences & Central Library, National
Institute of Technology Patna during 17th-21st July 2023.

Deepak Kumar Behera
Coordinator
Dept. of HSS, NIT Patna



Dr. Mahesh Singh
Coordinator
Central Library, NIT Patna



Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August, 2023



ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as Microsoft project.

The Construction Management and Practices short-term course will offer participants a comprehensive understanding of construction project management essentials. By the end of the course, attendees will be better equipped to tackle construction challenges, adhere to timelines, manage budgets, and ensure safety and quality throughout the project lifecycle. This course can be a valuable stepping stone for individuals looking to excel in the dynamic and rewarding field of construction management.



Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron:

Prof. Pradeep Kumar Jain
Director
National Institute of Technology Patna

Chairman:

Prof. Manoj Kumar
Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak

Professor, Department of Architecture and Planning,
National Institute of Technology Patna

Convenors:

1. Dr. Ravish Kumar
Assistant Professor,

2. Dr. Bijay Kumar Das
Associate Professor
Department of Architecture and Planning
National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya

Assistant Professor,
Department of Architecture and Planning,
National Institute of Technology Patna

Organizing Committee:

1. Ms. Ruchi
 2. Ms. Sameen Fatma
 3. Mr. Deepak Kumar
 4. Mr. Vivekanand Bhuinya
- Research Scholar, Department of Architecture and Planning, NIT Patna

Advisory Committee:


- | | |
|-----------------------------|--------------------------------|
| Dr. Kamini Sinha, | Ar. Abhishhek Kr. Bittu |
| Dr. S.K. Mandal, | Ar. Supriya Kumari |
| Dr. Ajay Kumar, | Ar. Preksha Gupta |
| Dr. Anjali Sharma, | Ar. Rakesh Kumar |
| Dr. Mazharul Haque, | Ar. Shubham Meena |
| Dr. Md. Danish, | Ar. Milind Kamble |
| Ar. Anushree Barman, | Ar. Pradeep Kr. Kori |

Resource Persons

- | | |
|---|--|
| Prof. K. N. Jha
Professor, IIT Delhi | Prof. V. K. Paul
Professor, SPA, New Delhi |
| Prof. Bandana Jha
Professor, SPA, New Delhi | Prof. B. Bhattacharjee
Professor, IIT Delhi |
| Prof. Dharmesh Churemanali
Professor, Veer Narmad South Gujarat University, Surat | Dr. Mangesh Madurwar
Associate Professor, VNIT Nagpur |
| Dr. Sushil Solanki
Associate Professor, SPA, New Delhi | Dr. Sanjeev Kumar Suman
Associate Professor, NIT Patna |
| Dr. Abhijit Rastogi
Assistant Professor, SPA, New Delhi | Dr. Santu Kar
Assistant Professor, IIT Guwahati |
| Dr. Kranti Jain
Assistant Professor, NIT Utkaland | Sri Abhishhek Pal
Joint Director, BIS, New Delhi |
| Shri Shrutiniwas Sharma
BIM Expert | Ar Sawan Kumar
Designs: Project Manager, Jones Lang LaSalle Property Consultants (India) Pvt. Ltd. |
| Dr. Mahesh Singh
NIT Patna | Dr. Mahesh Singh
NIT Patna |

Pradeep Kumar

A "Five Days Short-Term Course on Construction Management and Practices" is an intensive program designed to provide participants with comprehensive knowledge and practical skills in managing construction projects efficiently. The following teaching faculties Mr. Rajeev Nayan, Ms. Priyanka Kumari, Mr. Vikrant Kumar, Indrajeet Kumar, Mr. Sanoj Kumar, Mr. Kumar Vishal, Mr. Sandeep Kumar, and Mr. Vaivbhav Kumar successfully attended Five Days Short -Term Course on Construction Management and Practices, at NIT Patna during 14th to 19th August 2023. The certificate provided by the organizing institution has been represented below for the validation.





राष्ट्रीय प्रौद्योगिकी संस्थान पटना
(विहार नगरपाल, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)

National Institute of Technology Patna


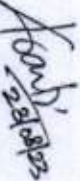



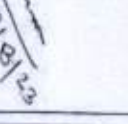

(An Institute of National Importance under Ministry of Education, Govt. of India)


5 days' short-term course (online mode)
Certificate of Participation

Sl. No.-NITP/Acad/911/23/34

This is to certify that Mr./Ms *Vaibhav Kumar*, *Research Scholar of National Institute of Technology Patna*, has successfully completed the 5 days' short-term course (online mode) on 'Construction Management and Practices' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

 Dr. Sandeep Kumar Coordinator Assistant Professor, Department of Architecture and Planning, NIT Patna	 Dr. Kranti Kumar Maurya Coordinator Assistant Professor, Department of Architecture and Planning, NIT Patna	 Dr. Ravish Kumar Convener Assistant Professor, Department of Architecture and Planning, NIT Patna	 Dr. Brijay Kumar Das Convener Associate Professor, Department of Architecture and Planning, NIT Patna
 			
 Prof. (Dr.) Manoj Kumar Chairman Head and Professor, Department of Architecture and Planning, NIT Patna			



Rajeev Kumar

Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August, 2023

ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as microsoft project.

The Construction Management and Practices short-term course will offer participants a comprehensive understanding of construction project management essentials. By the end of the course, attendees will be better equipped to tackle construction challenges, adhere to timelines, manage budgets, and ensure safety and quality throughout the project lifecycle. This course can be a valuable stepping stone for individuals looking to excel in the dynamic and rewarding field of construction management.



Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron: Prof. Pradeep Kumar Jain

Director
National Institute of Technology Patna

Chairman: Prof. Manoj Kumar

Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak

Professor, Department of Architecture and Planning,
National Institute of Technology Patna

Convenors: 1. Dr. Ravish Kumar

Assistant Professor,

2. Dr. Bijay Kumar Das

Associate Professor

Department of Architecture and Planning

National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya

Assistant Professor,

Department of Architecture and Planning,

National Institute of Technology Patna

Organizing Committee:

1. Ms. Ruchi

2. Ms. Sameen Fatma

3. Mr. Deepak Kumar

4. Mr. Vivekanand Bhuniya

Research Scholar, Department of
Architecture and Planning, NIT Patna

Advisory Committee:

Dr. Kamini Sinha,

Ar. Abhishek Kr. Bittu

Dr. S.K. Mandal,

Ar. Supriya Kumari

Dr. Ajay Kumar,

Ar. Preksha Gupta

Dr. Anjali Sharma,

Ar. Rakesh Kumar

Dr. Mazharul Haque,

Ar. Shubham Meena

Dr. Md. Danish,

Ar. Milind Kamble

Ar. Anushree Barman,

Ar. Pradeep Kr. Kori

Resource Persons

Prof. K. N. Jha

Professor, IIT Delhi

Prof. V. K. Paul

Professor, SPA, New Delhi

Prof. Bandana Jha

Professor, SPA, New Delhi

Prof. B. Bhattacharjee

Professor, IIT Delhi

Prof. Dharmesh Churemanali

Professor, Veer Narmad South Gujarat University, Surat

Dr. Mangesh Madurwar

Associate Professor, VNIT Nagpur

Dr. Sushil Solanki

Associate Professor, SPA, New Delhi

Dr. Sanjeev Kumar Suman

Associate Professor, NIT Patna

Dr. Abhijit Rastogi

Assistant Professor, SPA, New Delhi

Dr. Santu Kar

Assistant Professor, IIT Guwahati

Dr. Kranti Jain

Assistant Professor, NIT Utkhand

Sri Abhishek Pal

Joint Director, BIS, New Delhi

Shri Shrutiniwas Sharma

BIM Expert

Ar Sawan Kumar

Designs: Project Manager, Jones Lang LaSalle Property
Consultants (India) Pvt. Ltd

Dr. Mahesh Singh

NIT Patna



Pradeep Kumar



राष्ट्रीय प्राद्यौगिकी संस्थान पटना

(शिक्षण मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)



Azadi Ka
Amrit Mahotsav

Sl. No. - NITP/Arch/ 885/23-24

National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)

5 days' short-term course (online mode)

Certificate of Participation

This is to certify that **Mr./Ms Sandeep Kumar Choubey, Academician of Sityog Institute of Technology, Aurangabad, Bihar**, has successfully completed the 5 days' short-term course (online mode) on '**Construction Management and Practices**' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

Sandeep Kumar

Dr. Sandeep Kumar
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Kranti Kumar

Dr. Kranti Kumar Maurya
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Ravish Kumar

Dr. Ravish Kumar
Convener
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Bijay Kumar Das

Dr. Bijay Kumar Das
Convener
Associate Professor,
Department of Architecture and
Planning, NIT Patna

Arsh-Manoj Kumar

Arsh-Manoj Kumar
Chairman
Head and Professor,
Department of Architecture and
Planning, NIT Patna



Arsh Kumar

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Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August, 2023



ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as Microsoft project.

The Construction Management and Practices short-term course will offer participants a comprehensive understanding of construction project management essentials. By the end of the course, attendees will be better equipped to tackle construction challenges, adhere to timelines, manage budgets, and ensure safety and quality throughout the project lifecycle. This course can be a valuable stepping stone for individuals looking to excel in the dynamic and rewarding field of construction management.



Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron: Prof. Pradeep Kumar Jain

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Chairman: Prof. Manoj Kumar

Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak

Professor, Department of Architecture and Planning, National Institute of Technology Patna

Convenors: 1. Dr. Ravish Kumar

Assistant Professor,

2. Dr. Bijay Kumar Das

Associate Professor

Department of Architecture and Planning

National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya

Assistant Professor,

Department of Architecture and Planning,

National Institute of Technology Patna

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2. Ms. Sameen Fatma

3. Mr. Deepak Kumar

4. Mr. Vivekanand Bhuiya

Research Scholar, Department of

Architecture and Planning, NIT Patna

Advisory Committee:

Dr. Kamini Sinha,

Ar. Abhishek Kr. Bittu

Dr. S.K. Mandal,

Ar. Supriya Kumari

Dr. Ajay Kumar,

Ar. Preksha Gupta

Dr. Anjali Sharma,

Ar. Rakesh Kumar

Dr. Mazharul Haque,

Ar. Shubham Meena

Dr. Md. Danish,

Ar. Milind Kamble

Ar. Anushree Barman,

Ar. Pradeep Kr. Kori

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Prof. V. K. Paul

Professor, SPA, New Delhi

Prof. Bandana Jha

Professor, SPA, New Delhi

Prof. B. Bhattacharjee

Professor, IIT Delhi

Prof. Dharmesh Churemanali

Professor, Veer Narmad South Gujarat University, Surat

Dr. Mangesh Madurwar

Associate Professor, VNIT Nagpur

Dr. Sushil Solanki

Associate Professor, SPA, New Delhi

Dr. Sanjeev Kumar Suman

Associate Professor, NIT Patna

Dr. Abhijit Rastogi

Assistant Professor, SPA, New Delhi

Dr. Santu Kar

Assistant Professor, IIT Guwahati

Dr. Kranti Jain

Assistant Professor, NIT Uttarakhand

Sri Abhishek Pal

Joint Director, BIS, New Delhi

Shri Shrutiwiwas Sharma

BIM Expert

Ar Sawan Kumar

Designs: Project Manager, Jones Lang LaSalle Property

Consultants (India) Pvt. Ltd.

Dr. Mahesh Singh

NIT Patna



Devesh Kumar



राष्ट्रीय प्राद्यौगिकी संस्थान पटना

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)

National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)

5 days' short-term course (online mode)

Certificate of Participation

Sl. No. - NITP/MGV/ 902 /23-24



This is to certify that Mr./Ms *Kumar Vishal, Assistant Professor of Sibvog Institute of Technology, Aurangabad, Bihar*, has successfully completed the 5 days' short-term course (online mode) on '**Construction Management and Practices**' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

Sandeep Kumar
Dr. Sandeep Kumar
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Kranti Kumar Maurya
Dr. Kranti Kumar Maurya
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Ravish Kumar
Dr. Ravish Kumar
Convener
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Bijay Kumar Das
Dr. Bijay Kumar Das
Convener
Associate Professor,
Department of Architecture and
Planning, NIT Patna

Manoj Kumar
Prof. (Dr.) Manoj Kumar
Chairman
Head and Professor,
Department of Architecture and
Planning, NIT Patna



Vishal Kumar

Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August 2023



ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as microsoft project.

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Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron:

Prof. Pradeep Kumar Jain
Director
National Institute of Technology Patna

Chairman:

Prof. Manoj Kumar
Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak

Professor, Department of Architecture and Planning,
National Institute of Technology Patna

Convenors:

1. Dr. Ravish Kumar
Assistant Professor,

2. Dr. Bijay Kumar Das
Associate Professor

Department of Architecture and Planning
National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya

Assistant Professor,
Department of Architecture and Planning,
National Institute of Technology Patna

Organizing Committee:

1. Ms. Ruchi

2. Ms. Sameen Fatma

3. Mr. Deepak Kumar

4. Mr. Vivekanand Bhuniya

Research Scholar, Department of
Architecture and Planning, NIT Patna

Advisory Committee:

Dr. Kamini Sinha, Ar. Abhishek Kr. Bittu

Dr. S.K. Mandal, Ar. Supriya Kumari

Dr. Ajay Kumar, Ar. Preksha Gupta

Dr. Anjali Sharma, Ar. Rakesh Kumar

Dr. Mazharul Haque, Ar. Shubham Meena

Dr. Md. Danish, Ar. Milind Kamble

Ar. Anushree Barman, Ar. Pradeep Kr. Kori

Resource Persons

Prof. K. N. Jha

Professor, IIT Delhi

Prof. V. K. Paul

Professor, SPA, New Delhi

Prof. Bandana Jha

Professor, SPA, New Delhi

Prof. B. Bhattacharjee

Professor, IIT Delhi

Prof. Dharmesh Churemanali

Professor, Veer Narmad South Gujarat University, Surat

Dr. Mangesh Madurwar

Associate Professor, VNIT Nagpur

Dr. Sushil Solanki

Associate Professor, SPA, New Delhi

Dr. Sanjeev Kumar Suman

Associate Professor, NIT Patna

Dr. Abhijit Rastogi

Assistant Professor, SPA, New Delhi

Dr. Santu Kar

Assistant Professor, IIT Guwahati

Dr. Kranti Jain

Assistant Professor, NIT Uttarakhand

Sri Abhishek Pal

Joint Director, BIS, New Delhi

Shri Shrutiniwas Sharma

BIM Expert

Ar Sawan Kumar

Designs: Project Manager, Jones Lang LaSalle Property

Consultants (India) Pvt. Ltd.

Dr. Mahesh Singh

NIT Patna





राष्ट्रीय प्राद्यौगिकी संस्थान पटना

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)

National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)

5 days' short-term course (online mode)

Certificate of Participation

Sl. No. - NITP/Anch/ 907/23-24



This is to certify that Mr./Ms *Sanoj Kumar, Research Scholar of National Institute of Technology Patna*, has successfully completed the 5 days' short-term course (online mode) on '**Construction Management and Practices**' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

Sandeep Kumar
23/08/23

Dr. Sandeep Kumar
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Kranit Kumar
23/08/23

Dr. Kranit Kumar
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Ravish Kumar
23/08/23

Dr. Ravish Kumar
Convener
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Bijay Kumar Das
23/08/23

Dr. Bijay Kumar Das
Convener
Associate Professor,
Department of Architecture and
Planning, NIT Patna

Manoj Kumar
23/08/23

Prof. (Dr.) Manoj Kumar
Chairman
Head and Professor,
Department of Architecture and
Planning, NIT Patna

Sanoj Kumar



Sanoj Kumar

Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August, 2023



ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as Microsoft project.

The Construction Management and Practices short-term course will offer participants a comprehensive understanding of construction project management essentials. By the end of the course, attendees will be better equipped to tackle construction challenges, adhere to timelines, manage budgets, and ensure safety and quality throughout the project lifecycle. This course can be a valuable stepping stone for individuals looking to excel in the dynamic and rewarding field of construction management.



Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron: Prof. Pradeep Kumar Jain

Director

National Institute of Technology Patna

Chairman: Prof. Manoj Kumar

Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak

Professor, Department of Architecture and Planning,

National Institute of Technology Patna

Convenors: 1. Dr. Ravish Kumar

Assistant Professor,

2. Dr. Bijay Kumar Das

Associate Professor

Department of Architecture and Planning

National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya

Assistant Professor,

Department of Architecture and Planning,

National Institute of Technology Patna

Organizing Committee:

1. Ms. Ruchi

2. Ms. Sameen Fatma

3. Mr. Deepak Kumar

4. Mr. Vivekanand Bhuiyana

Research Scholar, Department of Architecture and Planning, NIT Patna

Advisory Committee:

Dr. Kamini Sinha, Ar. Abhishhek Kr. Bittu

Dr. S.K. Mandal, Ar. Supriya Kumari

Dr. Ajay Kumar, Ar. Preksha Gupta

Dr. Anjali Sharma, Ar. Rakesh Kumar

Dr. Mazharul Haque, Ar. Shubham Meena

Dr. Md. Danish, Ar. Milind Kamble

Ar. Anushree Barman, Ar. Pradeep Kr. Kori

Resource Persons

Prof. K. N. Jha

Professor, IIT Delhi

Prof. V. K. Paul

Professor, SPA, New Delhi

Prof. Bandana Jha

Professor, SPA, New Delhi

Prof. B. Bhattacharjee

Professor, IIT Delhi

Prof. Dharmesh Churemanani

Professor, Veer Narmad South Gujarat University, Surat

Dr. Mangesh Madurwar

Associate Professor, VNIT Nagpur

Dr. Sushil Solanki

Associate Professor, SPA, New Delhi

Dr. Sanjeev Kumar Suman

Associate Professor, NIT Patna

Dr. Abhijit Rastogi

Assistant Professor, SPA, New Delhi

Dr. Santu Kar

Assistant Professor, IIT Guwahati

Dr. Kranti Jain

Assistant Professor, NIT Utkaland

Sri Abhishhek Pal

Joint Director, BIS, New Delhi

Shri Shrutiniwas Sharma

BIM Expert

Ar Sawan Kumar

Designs: Project Manager, Jones Lang LaSalle Property

Consultants (India) Pvt. Ltd.

Dr. Abhishek Singh

NIT Patna

Abhishek Kumar



राष्ट्रीय प्राद्यौगिकी संस्थान पटना

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्त्व का संस्थान)



National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)

5 days' short-term course (online mode)

Certificate of Participation

This is to certify that *Mr./Ms Indrajeet Kumar, Assistant Professor of Sityog Institute of Technology, Aurangabad, Bihar*, has successfully completed the 5 days' short-term course (online mode) on '**Construction Management and Practices**' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

Sandeep Kumar

Dr. Sandeep Kumar
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Kranti Kumar Maurya

Dr. Kranti Kumar Maurya
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Kavish Kumar

Dr. Kavish Kumar
Convener
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Bijay Kumar Das

Dr. Bijay Kumar Das
Convener
Associate Professor,
Department of Architecture and
Planning, NIT Patna

Manoj Kumar

Prof. (Dr.) Manoj Kumar
Chairman
Head and Professor,
Department of Architecture and
Planning, NIT Patna



Manoj Kumar

Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August 2023

ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as microsoft project.

The Construction Management and Practices short-term course will offer participants a comprehensive understanding of construction project management essentials. By the end of the course, attendees will be better equipped to tackle construction challenges, adhere to timelines, manage budgets, and ensure safety and quality throughout the project lifecycle. This course can be a valuable stepping stone for individuals looking to excel in the dynamic and rewarding field of construction management.



Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron: Prof. Pradeep Kumar Jain

Director
National Institute of Technology Patna

Chairman: Prof. Manoj Kumar

Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak

Professor, Department of Architecture and Planning,
National Institute of Technology Patna

Convenors: 1. Dr. Ravish Kumar

Assistant Professor

2. Dr. Bijay Kumar Das

Associate Professor
Department of Architecture and Planning
National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya

Assistant Professor,
Department of Architecture and Planning,
National Institute of Technology Patna

Organizing Committee:

1. Ms. Ruchi

2. Ms. Sameen Fatma

3. Mr. Deepak Kumar

4. Mr. Vivekanand Bhuinaya

Research Scholar, Department of
Architecture and Planning, NIT Patna

Advisory Committee:

Dr. Kamini Sinha,

Dr. S.K. Mandal,

Dr. Ajay Kumar,

Dr. Anjali Sharma,

Dr. Mazharul Haque,

Dr. Md. Danish,

Ar. Anushree Barman,

Ar. Abhishhek Kr. Bittu

Ar. Supriya Kumari

Ar. Preksha Gupta

Ar. Rakesh Kumar

Ar. Shubham Meena

Ar. Milind Kambale

Ar. Pradeep Kr. Kori

Resource Persons

Prof. K. N. Jha

Professor, IIT Delhi

Prof. V. K. Paul

Professor, SPA, New Delhi

Prof. Bandana Jha

Professor, SPA, New Delhi

Prof. B. Bhattacharjee

Professor, IIT Delhi

Prof. Dharmesh Churemanali

Professor, Veer Narmad South Gujarat University, Surat

Dr. Mangesh Madurwar

Associate Professor, VNIT Nagpur

Dr. Sushil Solanki

Associate Professor, SPA, New Delhi

Dr. Sanjeev Kumar Suman

Associate Professor, NIT Patna

Dr. Abhijit Rastogi

Assistant Professor, SPA, New Delhi

Dr. Santu Kar

Assistant Professor, IIT Guwahati

Dr. Kranti Jain

Assistant Professor, NIT Utkhand

Sri Abhishhek Pal

Joint Director, BIS, New Delhi

Shri Shrutiniwas Sharma

BIM Expert

Ar. Sawan Kumar

Designs, Project Manager, Jones Lang LaSalle Property Consultants, (India) Pvt. Ltd.

Dr. Mahesh Singh

NIT Patna



Pradeep Kumar



Sl. No. - NITP/Arch/904/23-24

राष्ट्रीय प्रौद्योगिकी संस्थान पटना
(शिक्षा मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)



National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)

5 days' short-term course (online mode)

Certificate of Participation

This is to certify that **Mr./Ms Vikrant Kumar, Assistant Professor of Sityog Institute of Technology, Aurangabad, Bihar**, has successfully completed the 5 days' short-term course (online mode) on '**Construction Management and Practices**' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

Sandeep Kumar
23/08/23

Dr. Sandeep Kumar
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Kranti Kumar Maurya
23/08/23

Dr. Kranti Kumar Maurya
Coordinator
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Ravish Kumar
23/08/23

Dr. Ravish Kumar
Convener
Assistant Professor,
Department of Architecture and
Planning, NIT Patna

Bijay Kumar Das
23/08/23

Dr. Bijay Kumar Das
Convener
Associate Professor,
Department of Architecture and
Planning, NIT Patna

Manoj Kumar
23/08/23

Prof. (Dr.) Manoj Kumar
Chairman
Head and Professor,
Department of Architecture and
Planning, NIT Patna



Vijay Kumar

Five Days Short Term Course (Online Mode)

Construction Management & Practices

14th - 19th August, 2023



ABOUT THE COURSE

The short term course on Construction Management and Practices is designed for architects, Civil engineers and construction experts to equip participants with the fundamental knowledge and skills necessary to effectively manage construction projects. The course offers insights into various aspects of construction, including planning, scheduling, budgeting, safety, and quality control. It aims to develop the participants' abilities to handle construction projects efficiently, ensuring successful project delivery within the given time and budget constraints using software such as Microsoft project.

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Department of Architecture and Planning
National Institute of Technology Patna
Patna, Bihar- 800005, India

Committee Members

Patron: Prof. Pradeep Kumar Jain

Chairman: Prof. Manoj Kumar
Director
National Institute of Technology Patna

Head, Department of Architecture and Planning, National Institute of Technology Patna

Chief Advisor: Prof. Fulena Rajak
Professor, Department of Architecture and Planning,
National Institute of Technology Patna

Convenors:
1. Dr. Ravish Kumar
Assistant Professor,
2. Dr. Bijay Kumar Das
Associate Professor
Department of Architecture and Planning
National Institute of Technology Patna

Coordinators: 1. Dr. Kranti Kumar Maurya
Assistant Professor,
Department of Architecture and Planning,
National Institute of Technology Patna

Organizing Committee:
1. Ms. Ruchi
2. Ms. Sameen Fatma
3. Mr. Deepak Kumar
4. Mr. Vivekanand Bhuniya
Research Scholar, Department of
Architecture and Planning, NIT Patna

Advisory Committee:
Dr. Kamini Sinha,
Dr. S.K. Mandal,
Dr. Ajay Kumar,
Dr. Anjali Sharma,
Dr. Mazharul Haque,
Dr. Md. Danish,
Ar. Anushree Barman,
Ar. Abhishek Kr. Bittu
Ar. Supriya Kumari
Ar. Preksha Gupta
Ar. Rakesh Kumar
Ar. Shubham Meena
Ar. Milind Kamble
Ar. Pradeep Kr. Kori

Resource Persons

Prof. K. N. Jha

Professor, IIT Delhi

Prof. V. K. Paul

Professor, SPA, New Delhi

Prof. Bandana Jha

Professor, SPA, New Delhi

Prof. B. Bhattacharjee

Professor, IIT Delhi

Prof. Dharmesh Churemanali

Professor, Veer Narmad South Gujarat University, Surat

Dr. Mangesh Madurwar

Associate Professor, VNIT Nagpur

Dr. Sushil Solanki

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Dr. Sanjeev Kumar Suman

Associate Professor, NIT Patna

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Assistant Professor, SPA, New Delhi

Dr. Santu Kar

Assistant Professor, IIT Guwahati

Dr. Kranti Jain

Assistant Professor, NIT Utkhand

Sri Abhishek Pal

Joint Director, BIS, New Delhi

Shri Shrutiniwas Sharma

BIM Expert

Ar Sawan Kumar

Designer, Project Manager, Jones Lang LaSalle Property Consultants (India) Pvt. Ltd.

Dr. Mahesh Singh



Devesh Kumar




राष्ट्रीय प्रौद्योगिकी संस्थान पटना
(विश्व भारतम्, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)

SI. No. - NITP/Arch/ 882 /23-24
G20
Azadi Ka
Amrit Mahotsav

National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)
5 days' short-term course (online mode)
Certificate of Participation

This is to certify that **Mr/Ms Priyanka Kumari, Academician of Siyog Institute of Technology, Aurangabad, Bihar**, has successfully completed the 5 days' short-term course (online mode) on '**Construction Management and Practices**' organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.


Dr. Sandeep Kumar
Coordinator
Assistant Professor,
Department of Architecture and Planning, NIT Patna

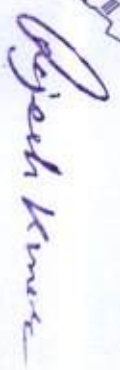

Dr. Kranti Kumar Maurya
Coordinator
Assistant Professor,
Department of Architecture and Planning, NIT Patna


Dr. Ravish Kumar
Convener
Assistant Professor,
Department of Architecture and Planning, NIT Patna


Dr. Brijay Kumar Das
Convener
Associate Professor,
Department of Architecture and Planning, NIT Patna


Prof. (Dr.) Manoj Kumar
Chairman
Head and Professor,
Department of Architecture and Planning, NIT Patna







राष्ट्रीय प्रौद्योगिकी संस्थान पटना

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)



भारत सरकार
शिक्षा मंत्रालय
आर.पी. मेहता रोड
पटना-800 005



Sl. No. - NITP/Arb/ 019 /23-24

National Institute of Technology Patna

(An Institute of National Importance under Ministry of Education, Govt. of India)

5 days' short-term course (online mode)

Certificate of Participation

This is to certify that Mr./Ms *Rajeev Nayan*, *Research Scholar* of *National Institute of Technology Patna*, has successfully completed the 5 days' short-term course (online mode) on **'Construction Management and Practices'** organized by the Department of Architecture and Planning, NIT Patna, Patna, Bihar, India held from 14th to 19th August 2023.

 Dr. Sandeep Kumar Coordinator Assistant Professor, Department of Architecture and Planning, NIT Patna	 Dr. Kranti Kumar Maurya Coordinator Assistant Professor, Department of Architecture and Planning, NIT Patna	 Dr. Ravish Kumar Convener Assistant Professor, Department of Architecture and Planning, NIT Patna	 Dr. Bijay Kumar Das Convener Associate Professor, Department of Architecture and Planning, NIT Patna	 Prof. (Dr.) Manoj Kumar Chairman Head and Professor, Department of Architecture and Planning, NIT Patna
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Rajesh Kumar

Session 2021-22

The annual reports of the academic year 2021-2022, focusing on the programs undertaken by teaching faculties and non-teaching staff. Key findings indicate significant progress in research initiatives and professional development for faculty, while non-teaching staff programs have improved administrative efficiency and student support services.

2022	Mr. Rajiv Nayan	Assistant Professor	One week faculty development program through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Sandeep Kumar Choubey	Assistant Professor	One week faculty development program through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Sanoj Kumar	Assistant Professor	One week faculty development program through ICT MODE on Waste water treatment technology	17-10-2022 to 21-10-2022
2022	Mr. Indrajeet Kumar	Assistant Professor	Intelligent Transportation systems approach for traffic Data Collection & Extraction	28-02-2022 to 04-03-2022
2022	Mr. Suraj	Assistant Professor	Orientation Training Program for Mentors	7-2-2022 to 11-2-2022
2022	Mr. Vaibhav	Assistant Professor	AICTE Training and Learning (ATL) Academy online FDP on "3D Printing & Design	7-12-2022 to 11-12-2022
2022	Mr. Ranjeet Kumar Pandey	Assistant Professor	One week faculty development program through ICT MODE on Fundamentals of Machine learning and Deep learning	26-09-2022 to 30-09-2022
2022	Mrs. Ruby Singh	Assistant Professor	One week faculty development program through ICT MODE on Fundamentals of Machine learning and Deep learning	26-09-2022 to 30-09-2022



Rajesh Kumar

Waste water treatment is vital for removing contaminants from water before it's reused or returned to the environment. Through a series of physical, chemical, and biological processes, harmful substances are eliminated, ensuring clean water and safeguarding public health and the environment. Advanced technologies continue to enhance efficiency and sustainability in wastewater treatment, supporting a healthier future for communities globally.

The following teaching faculties Mr. Rajiv Nayan, Mr. Sandeep Kumar Choubey and Mr. Sanoj Kumar attended faculty development program through ICT MODE on **Waste water treatment technology** at National Institute of Technological Teacher's Training and Research (NITTTR) Kolkata from 17-21 October, 2022. The certificate provided by the organizing institution has been represented below for the validation.



NITTRK/ICT/2022-23/2851

Certificate of Participation

Rajeev Nayan

has completed One Week
Faculty Development Programme through ICT Mode on
Waste Water Treatment Technology
organised by this Institute
from 17th October to 21st October, 2022 successfully.

Dr. S. N. Mandal
Programme Coordinator(s)

Susanta Kumar Das
Dr. S. K. Naskar
Faculty-in-Charge, Training Cell

Prof. Debi Prasad Mishra
Director



Rajesh Kumar

NITTRKICT/2022-23/2840

Certificate of Participation

Sandeep Kumar Choubey

has completed One Week

Faculty Development Programme through ICT Mode on

Waste Water Treatment Technology

organised by this Institute

from 17th October to 21st October, 2022 successfully.



NATIONAL INSTITUTE OF
TECHNICAL TEACHERS'
TRAINING AND RESEARCH
(NITTTR) KOLKATA

(Established by the
Ministry of Education,
Government of India)

S. N. Mandal
Dr. S. N. Mandal
Programme Coordinator(s)

Dr. S. K. Naskar
Faculty-in-Charge, Training Cell

Prof. Debi Prasad Mishra
Director



Debi Prasad Mishra

16/14

NITTRK/ICT/2022-23/3603

Certificate of Participation

Sanoj Kumar

has completed One Week

Faculty Development Programme through ICT Mode on

Waste Water Treatment Technology

organised by this Institute

from 17th October to 21st October, 2022 successfully.



NATIONAL INSTITUTE OF
TECHNICAL TEACHERS
TRAINING AND RESEARCH
(NITTR) KOLKATA

(Established by the
Ministry of Education
Government of India)

Dr. S. N. Mandal

Programme Coordinator(s)

Surentha K. Nover

Dr. S. K. Naskar

Faculty-in-Charge, Training Cell

Dr. Shri

Prof. Debi Prasad Mishra

Director



Sanoj Kumar



Sanoj Kumar

High-End Workshop On

Intelligent Transportation Systems Approach for Traffic Data Collection & Extraction

28th Feb 2022 (Mon) – 04th March 2022 (Fri)



Organized by:

Department of Civil Engineering,
Visvesvaraya National Institute of Technology,
Nagpur

Funded by:

Science & Engineering Research Board (SERB)
under the Accelerate Vignan Scheme

Advisory Board

Chief Patron:

Dr. Pramod M. Padole, Director, VNIT Nagpur

Chairman:

Dr. Y. B. Katpatal, Head, Civil Engg., VNIT
Nagpur

Principal Convener:

Dr. V.S.Landge, Professor, Civil Engg., VNIT
Nagpur

About the Institute

Visvesvaraya National Institute of Technology, Nagpur is one of the thirty National Institutes of Technology in the country. It is an Institute of National Importance, named after Bharat Ratna Sir M. Visvesvaraya. Earlier, the Institute was known as Visvesvaraya Regional College of Engineering (VRCE). It was established by Govt. of India and Govt. of Maharashtra. The vision of institute is to contribute effectively to the national endeavor of producing quality human re-source of world class standard by developing a sustainable technical education system to meet the changing technological needs of the country incorporating relevant social concerns and to build an environment to create and propagate innovative technologies for the economic development of the nation.



About the Department

The Department of Civil Engineering is one of the finest and oldest engineering department of the Institute and stands with an immortal reputation. The department was formed along with the Institute itself and therefore is as old. The Department has highly educated and well experienced faculty members who endeavor to produce finest engineers, contributing incredibly to the nation. The alumni of the department are widespread in India and abroad, occupying high positions in their respective fields. The Department has an intake of 120 students per year under UG Course and 100 students per year under PG Courses.

About the Course

This course will be conducted under Accelerate Vignan scheme intended towards "Abhyans" mission to understand data collection and extraction of different traffic and transportation facilities and the practical applications of the same for young and passionate researchers. Data collection is necessary for designing traffic facilities, analyzing current traffic related issues, developing, and implementing possible solutions to the existing problems. All types of traffic engineering studies require field data, and it can be collected and extracted using various methods. Trivial knowledge of data collection and extraction of different traffic facilities is of utmost importance in today's emerging India. **The course shall be conducted through virtual mode.**

Target Participants

Motivated Doctoral & Master's students from Tier-II & Tier-III level institutes as defined under the Scheme 'Accelerate Vignan' by DST-SERB.

Workshop Coordinators / Event Organizers

Dr. Arpita Saha,
Assistant Professor,
Department of Civil Engineering,
Visvesvaraya National Institute of Technology,
Nagpur - 440 010
Ph: 0712 - 2802258
Email: arpitasaha@civ.vnit.ac.in

Dr. Udit Jain
Assistant Professor,
Department of Civil Engineering,
Visvesvaraya National Institute of Technology,
Nagpur - 440 010
Ph: 0712 - 2802259
Email: uditjain@civ.vnit.ac.in

Support Team

• Mr. Sandeep Manthirkul, VNIT Nagpur
• Ms. Priyanka Diwakar, VNIT Nagpur



Dr. Arpita Saha

Programme Schedule

Topics	Tentative Speaker	Topics	Tentative Speaker
Introduction to Traffic Data & Necessity of Traffic Data Collection with its Applications	Dr. Satish Chandra, IIT Roorkee	Pedestrian & Mid-Block Traffic Data Extraction Techniques	Dr. Udit Jain, VNIT Nagpur
Conventional Approaches and Video-graphic Technique for Traffic Data Collection	Dr. Arpita Saha, VNIT Nagpur	Application of ITS Data I - Automated Vehicle Trajectory Monitoring	Dr. Tom V. Mathews, IIT Palakkad
Traffic Data Collection and Extraction Using Drones	Dr. Ashish Dharamiya, SVNIT Surat	Application of ITS Data II - Surrogate Safety Measures for Conflicting Pedestrian/Vehicle Movements	Dr. Ankit Kothuria, IIT Jammu
Intelligent Transportation System approach to road accident data collection	Dr. Venkatesh Balasubramanian, IIT Madras	Application of ITS Data III - Use of Image Processing Techniques for various Applications like Helmet Violations & Stop Line Violations	Dr. Udit Jain, VNIT Nagpur
Driver Behaviour Data Collection using Driving Simulator	Dr. Nagendra Velaga, IIT Bombay	Traffic Data Simulation using Software I - Traffic Simulation at Mid-block & Intersections using VISSIM	Mr. Manraj Bains, Unitrans
Intersection Traffic Data Extraction Techniques	Dr. Arpita Saha, VNIT Nagpur	Traffic Data Simulation using Software II - Pedestrian Movement Simulation using VISWALK	Ms. Sirisha Ramya, Unitrans

Objective of the Course

- ✓ As desired by DST-SERB KARYASHALA, the course is intended towards "Abhyaas" mission.
- ✓ This course aims to introduce students to the importance of traffic data collection.
- ✓ By going through this course, students are likely to be able to collect and extract traffic data using traditional and advanced automated methods for their research work in the field of Traffic Engineering.
- ✓ This course exposes students to the complex scenarios involved in traffic data analysis and equips them with the tools to handle and utilize the most out of their traffic data for their research.

Key Features

- ✓ Overview of traffic data collection.
- ✓ Applications of traffic data.
- ✓ Traditional techniques of traffic, accident, and pedestrian data collection.
- ✓ Intelligent Transportation System based traffic, accident, and pedestrian data collection techniques.
- ✓ Conventional data extraction techniques of different traffic and pedestrian facilities.
- ✓ Automated Traffic Data Extraction Techniques.
- ✓ Simulation of traffic and pedestrian data.
- ✓ Use and application of software for vehicular and pedestrian traffic simulation.

Registration & Guidelines

- The course will be completely free of cost for the shortlisted participants.
- The participants will be limited to 100 candidates (as per SERB norms). The applicants shall produce an endorsement letter from their Head of the department indicating their enrolment with the institute and "No Objection Certificate (NOC)" for permitting to undergo training in the workshop, if selected.
- VNIT reserves the right to devise a well-defined shortlisting criteria for selection of candidates based on the basic eligibility criteria laid out by SERB and as per formulated guidelines for this workshop.
- Please fill Google form for Registration: <https://forms.gle/nW2uuWZ4GNJCqYc8>



Scan to Register

Course Assessment & Feedback

Active participation in lectures & discussion/interaction sessions along with a basic level evaluation shall fetch the participant the KARYASHALA Course Completion Certificate.

As per SERB guidelines, mandatory anonymous course feedback shall be taken in the stipulated format.

Important Dates

Last date for registration : 10-02-2022
Notification to selected participants : 15-02-2022



Signature

Intelligent Transportation Systems (ITS) revolutionize traffic data collection by deploying sensors, utilizing connected vehicles, and employing advanced analytics. This approach enables real-time insights, proactive traffic management, and improved safety and efficiency on roads. With robust privacy measures and stakeholder collaboration, ITS promises a transformative impact on urban mobility.

The teaching faculty Mr. Indrajeet Kumar attended faculty development program on **Intelligent Transportation systems approach for Traffic Data Collection & Extraction** at Visvesvaraya National Institute of Technology, Nagpur from 28 February-04 March, 2022. The certificate provided by the organizing institution has been represented below for the validation.



Accelerate Vigyan

AV
TECHNIA



THIS CERTIFICATE IS AWARDED TO

Mr. Indrajeet Kumar, Central University of Jharkhand

FOR SUCCESSFUL PARTICIPATION IN

SERB Sponsored High End Workshop on Intelligent Transportation Systems

Approach for Traffic Data Collection & Extraction

28th February - 04th March 2022

Organized By:

Department of Civil Engineering

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

Dr. V. B. Rajbhosle
Professor & Head
Civil Engineering Department

Dr. Udit Jain
Assistant Professor
Workshop Coordinator

Dr. Apala Saha
Assistant Professor
Workshop Coordinator



Indrajeet Kumar



Indrajeet Kumar

The mentor orientation program provides mentors with the skills and knowledge needed to support mentees effectively. It covers communication, goal setting, problem-solving, and continuous learning and fostering strong mentor-mentee relationships. Through evaluation and ongoing support, mentors continuously improve, creating a culture of support and development.

The teaching faculty Mr. Suraj attended faculty development program on **Orientation Training Program for Mentors** at All India Council for Technical Education, New Delhi from 07-11 February, 2022. The certificate provided by the organizing institution has been represented below for the validation.

Serial No 000360



आखिल भारतीय तकनीकी शिक्षा परिषद्, नई दिल्ली

कौशल

एन सी ई आर



एन सी ई आर

Registration No. 1-452937981

एन सी ई आर की शिक्षण प्रोग्राम के अंतर्गत
 दिनांक 7 फरवरी से 11 फरवरी 2022 तक आयोजित
 की गई प्रशिक्षण ऑनलाइन प्रशिक्षण कार्यक्रम
 का सफलतापूर्वक पूर्ण किया।

All India Council for Technical Education, New Delhi

Certificate

This is to certify that

SURAJ

Registration No. 1-452937981

has successfully completed the
 Online Orientation Training Programme for Mentors
 organized from 7th February to 11th February 2022
 under
 National Initiative for Technical Teachers Training



DIRECTOR



DIRECTOR



DIRECTOR



DIRECTOR

MEMBER SECRETARY

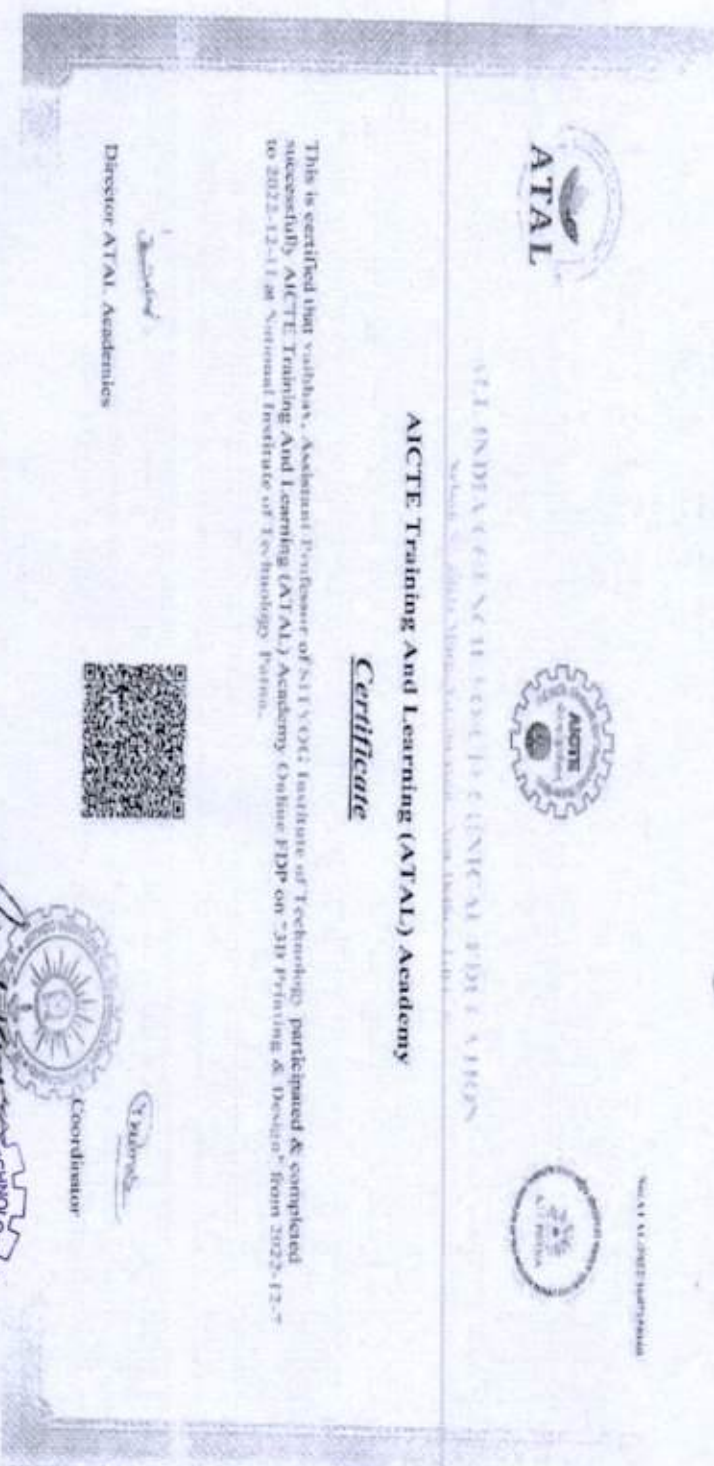


17/44

Suraj Kumar

The combination of 3D printing and design unleashes boundless creativity and innovation. 3D printing technology enables the fabrication of intricate objects, while design provides the blueprint for these creations. Together, they empower individuals and industries to prototype, manufacture, and customize with unprecedented freedom and precision, shaping the future of manufacturing and product development.

The teaching faculty Mr. Vaibhav attended faculty development program on **AICTE Training and Learning (ATAL) Academy online FDP on "3D Printing & Design** at National Institute of Technology, Patna from 07-11 December, 2022. The certificate provided by the organizing institution has been represented below for the validation.

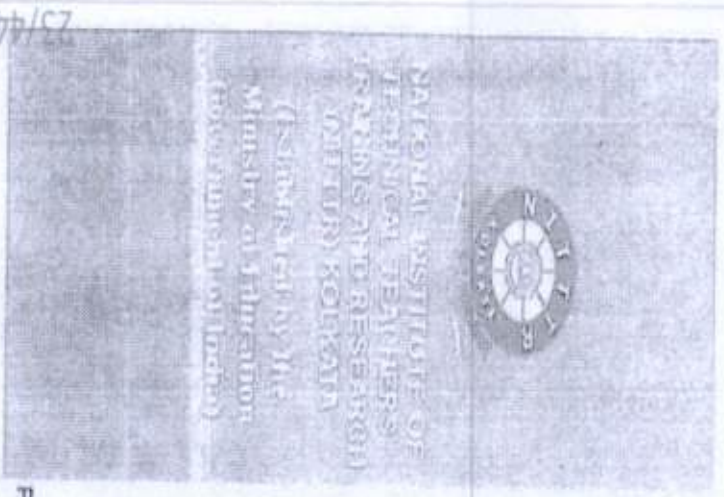


22/44



The machine learning encompasses algorithms and models that enable computers to learn patterns from data without explicit programming. It includes supervised, unsupervised, and reinforcement learning. Deep learning, a subset of ml, utilizes artificial neural networks with many layers to model complex patterns. It's particularly effective for tasks like image recognition and natural language processing. Python, tensor flow, pytorch, and scikit-learn are common tools used in these fields. Understanding these fundamentals is crucial for leveraging ML and DL to solve diverse real-world problems.

The following teaching faculties Mr. Ranjeet Kumar Pandey and Mrs. Ruby Singh attended faculty development program through ICT MODE on **Fundamentals of Machine learning and Deep learning** at National Institute of Technological Teacher's Training and Research (NITTTR), Kolkata from 26-30 September, 2022. The certificate provided by the organizing institution has been represented below for the validation.



Certificate of Participation
Ranjeet Kumar Pandey

NITTTR/ICT/2022-23/2396

has completed One Week
Faculty Development Programme through ICT Mode on
**Fundamentals of Machine Learning
and Deep Learning**
organised by this Institute
from 26th September to 30th September, 2022 successfully.

Dr. Indrajit Saha
Programme Coordinator (s)

Surentha K. Nair
Dr. Sukanta Kuttar Naskar
Faculty-In-Charge, Training Cell
Prof. Debi Prasad Mishra
Director



Debi Prasad Mishra



23/44

Session 2019-2020

The annual reports of the academic year 2019-2020 is focus on the programs undertaken by teaching faculties and non-teaching staff. Key findings indicate significant progress in research initiatives and professional development for faculty, while non-teaching staff programs have improved administrative efficiency and student support services.

Year	Name of the participant	Designation	Title of the FDP /MDP/professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020	Mr. Suraj	Assistant Professor	Short Term Training Programme through ICT mode on Induction Training	23-11-2020 to 27-11-2020
2020	Mr. Suraj	Assistant Professor	5 day online FDP on universal human values for DEEKSHARAMBH (Student induction program)	23-11-2020 to 27-11-2020
2020	Mr. Suraj	Assistant Professor	AICTE Training and Learning (ATAL)Academy online FDP on "3D Printing & Design	7-12-2020 to 11-12-2020



Prakash Kumar

A Short Term Training Programme through ICT mode on Induction Training aims to equip participants with the foundational knowledge and skills needed to transition smoothly into their new roles or environments, leveraging digital technology for effective learning and engagement. The teaching faculty Mr. Suraj attended induction training program on **Short Term Training Programme through ICT mode on Induction Training** NITTRK, from 23-27 November, 2020. The certificate provided by the organizing institution has been represented below for the validation.



Certificate

Awarded to
Suraj

for having successfully completed the

Short Term Training Programme through ICT Mode on

Induction Training

organised by this institute

from 23/11/2020 to 27/11/2020 [duration: 1 Week]

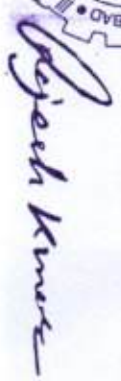
NITTRK/ICT/2020-21/10959

Programme Coordinator (s)

Academic Coordinator


Director





5 - Day
Online Faculty Development Program (FDP)

on
UNIVERSAL HUMAN VALUES UHV

for
DEEKSHARAMBH
(Student Induction Program)
(23 - 27 November 2020)
Registration Form

1. Name SURAJ.
2. Designation Assistant Prof.
3. Department M.E.
4. Institution/Organization SITYOG Institute of Technology
5. Address Aurangabad, Bihar.
6. E-mail Address apsuraj.sityog@gmail.com
7. Mobile No. 9495819203
8. Telephone No. ---



Signature of Applicant

Slr

Note: The interested participants must register online at <http://moodle.uhv-fdp.com> and get enrolled for this FDP. Alternatively, the scan copies of completely filled registration form may be sent by email to uhv.fdp@nitp.ac.in on or before 20 November 2020 for the final registration.

CHIEF PATRON

Prof. P. K. Jain
Director, NIT Patna

PATRON

Prof. S. K. Verma
Dy. Director, NIT Patna

ADVISORS

Prof. P. Chandra
Prof. L. B. Roy
Prof. Fulena Rajak
Dean (SW), NIT Patna
Dean (R & C), NIT Patna
Dean (P & D), NIT Patna

CHAIRMAN

Prof. Om Prakash
Dean (FW), NIT Patna

CONVENERS

Dr. Anil Kumar
Dr. Yogesh Kumar
Head, MED, NIT Patna
Asst. Prof., MED, NIT Patna

COORDINATORS

Dr. Chetan Kumar Hirwani
Assistant Professor
Department of Mechanical Engineering
National Institute of Technology Patna
Ashok Rajpath, Patna, Bihar - 800 005, India
Email: chetank.me@nitp.ac.in
Contact No.: +91-9691406125

Dr. Ambrish Maurya

Assistant Professor
Department of Mechanical Engineering
National Institute of Technology Patna
Ashok Rajpath, Patna, Bihar - 800 005, India
Email: amaurya.me@nitp.ac.in
Contact Number: +91-9410474827
Website: <http://www.nitp.ac.in>

REGISTRATION PORTAL

<http://moodle.uhv-fdp.com>



5 - Day
Online Faculty Development Program

on
UNIVERSAL HUMAN VALUE

for
DEEKSHARAMBH
(Student Induction Program)
(23 - 27 November 2020)

Organized
by



NATIONAL INSTITUTE OF TECHNOLOGY PATNA
Ashok Rajpath, Patna, Bihar, India - 800 0

COORDINATORS

Dr. Chetan Kumar Hirwani

Dr. Ambrish Maurya

Assistant Professor
Department of Mechanical Engineering
National Institute of Technology Patna
Ashok Rajpath, Patna, Bihar - 800 005, India

REGISTRATION PORTAL

<http://moodle.uhv-fdp.com>

Yogesh Kumar

This faculty development program focuses on imparting knowledge and understanding of universal human values such as empathy, integrity, respect, responsibility, and compassion. These values serve as the foundation for personal and professional development, fostering a positive learning environment and ethical conduct among students. The teaching faculty Mr. Suraj FDP on **universal human values for DEEKSHARAMBH (Student induction program)** NIT Patna, from 23-27 November, 2020. The certificate provided by the organizing institution has been represented below for the confirmation.



5-day
Online Faculty Development Program
on
UNIVERSAL HUMAN VALUES
for
DEEKSHARAMBH
(Student Induction Program)
23 - 27 NOVEMBER 2020

Organised

by


Department of Mechanical Engineering
NATIONAL INSTITUTE OF TECHNOLOGY PATNA


CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. SURAJ** from **SITYOG INSTITUTE OF TECHNOLOGY, AURANGABAD, BIHAR**, has participated in "5-day online FDP on Universal Human Values for **DEEKSHARAMBH (Student Induction Program)**" organized by NIT Patna during 23-27 November 2020.

Place: Patna
Date: 27.11.2020

Certificate No. PLS80

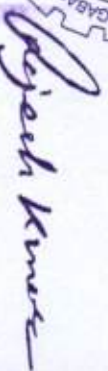

Dr. Chetan Kumar Hiramani
(Coordinator)


Dr. Ambrish Maurya
(Coordinator)


Dr. Yogesh Kumar
(Convener)


Dr. Amit Kumar
(Convener)





20/44

5 - Day Online
Faculty Development Program (FDP)

on
3D Printing & Design
(7 - 11 December 2020)
Registration Form

1. Name SURAJ
2. Designation Assistant Prof.
3. Department ME
4. Institution/Organization SITCO Institute of Technology.
5. Address Burangabad, Bihar
6. E-mail Address gsuraj.sitco@gmail.com
7. Mobile No. 7493819207
8. Telephone No.

Signature of Applicant



Signature & Seal of Head of the Department / Institute

Note: The participants are advised to apply online at
AICTE ATAL registration portal
<https://atalacademy.aicte-india.org/signup> on or
before 30 October 2020 for the final registration.

PATRON

Prof. P. K. Jain

Director, NIT Patna

ADVISORS

Prof. S. K. Verma

Dy. Director, NIT Patna

Prof. Om Prakash

Dean, Faculty Welfare

Prof. P. Chandra

Dean, Student Welfare

Prof. L. B. Roy

Dean, R & C

Prof. Fulena Rajak

Dean, Plan. & Dev.

CONVENER

Dr. Amit Kumar

Head, Mech. Engg.

COORDINATOR

Dr. Yogesh Kumar

Assistant Professor

Department of Mechanical Engineering

NATIONAL INSTITUTE OF TECHNOLOGY PATNA

Ashok Rajpath, Patna, Bihar - 800 005, INDIA

Email: yogesh.me@nitp.ac.in

Contact Number: +91-94104-78242

Website: <http://www.nitp.ac.in>



How to Reach

The institute campus is 8 km from the Patna Junction railway station, 15 km from the Jai Prakash Narayan International airport and some 200 m inside the NIT more off Ashok Rajpath. One can reach there using the shared autos from South East Gandhi Maidan (Kargil Chowk) is easily accessible from any part of the city.

5 - Day Online
Faculty Development Program (FDP)

on
3D Printing & Design
(7 - 11 December 2020)

Organized by



Department of Mechanical Engineering
NATIONAL INSTITUTE OF TECHNOLOGY PATNA
Ashok Rajpath, Patna, Bihar - 800 005, INDIA

Sponsored by



AICTE Training And Learning (ATAL) Academy

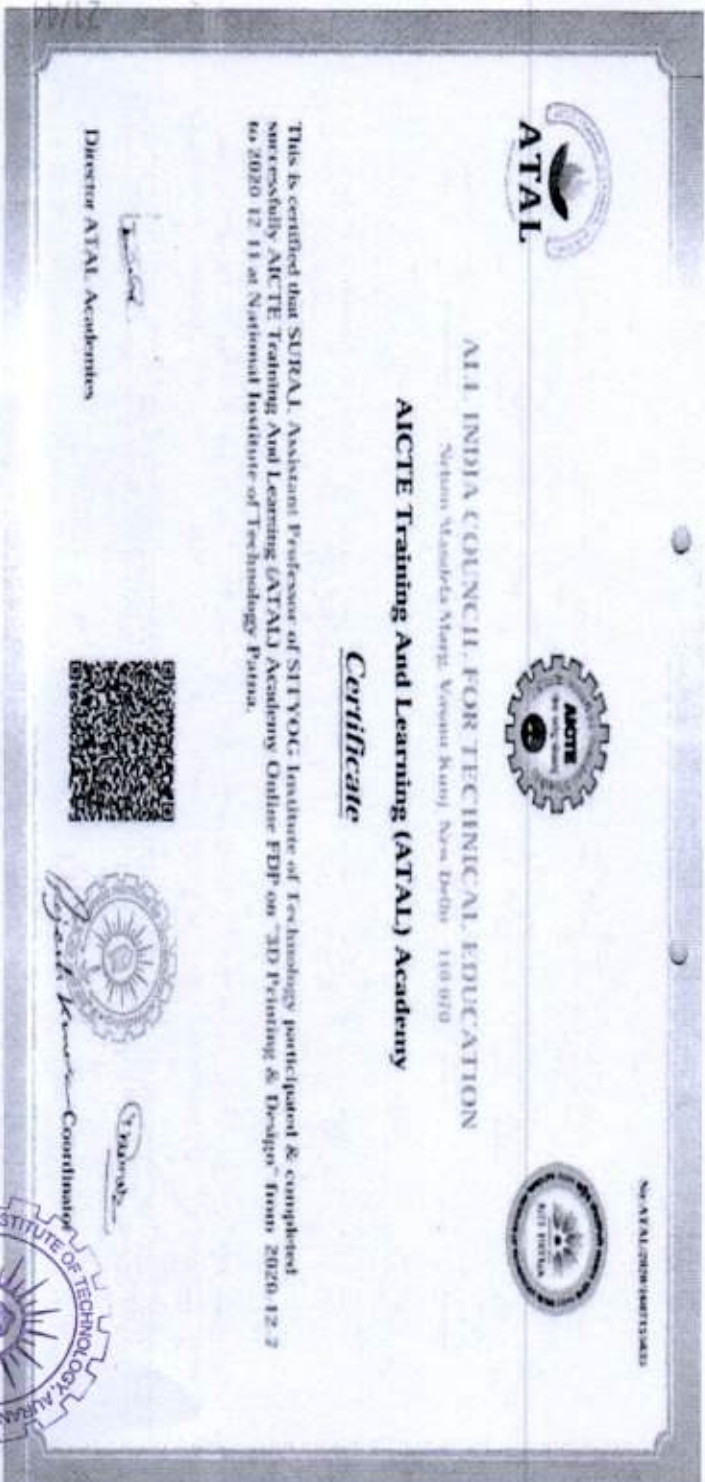


All India Council for Technical Education
New Delhi



Yogesh Kumar

This FDP provides participants with comprehensive training on various aspects of 3D printing, including its applications, technologies, materials, and design methodologies. Through interactive sessions, workshops, and hands-on exercises, participants learn about the latest advancements in 3D printing technology and how to leverage it effectively in various industries such as manufacturing, healthcare, architecture, and education. The teaching faculty Mr. Suraj attended FDP on **AICTE Training and Learning (ATAL) Academy online FDP on "3D Printing & Design** from 07-11 December, 2020. The certificate provided by the organizing institution has been represented below for the validation



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
National Standards Master: Venkatesh Kumar, New Delhi - 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that SUREAL, Assistant Professor of SETYOG, Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "3D Printing & Design" from 2020-12-7 to 2020-12-11 at National Institute of Technology, Faridkot.

Director ATAL Academies



Coordinator



Signature of the Coordinator

Session 2018-2019

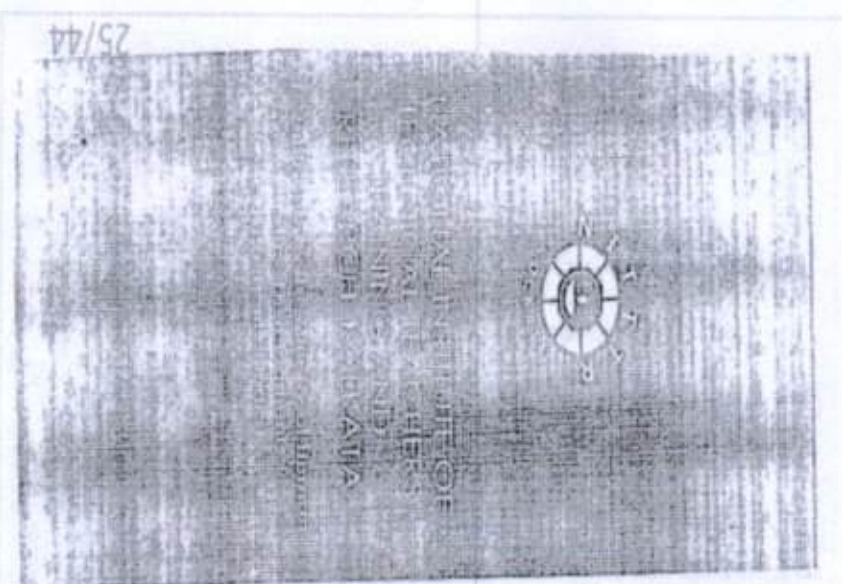
The annual reports of the academic year 2018-2019 is focus on the programs undertaken by teaching faculties and non-teaching staff. Key findings indicate significant progress in research initiatives and professional development for faculty, while non-teaching staff programs have improved administrative efficiency and student support services.

Year	Name of the participant	Designation	Title of the FDP /MDP/professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019	Mr. Dhananjay Singh	Assistant Professor	Short Term Training Programme through ICT mode on Modern Manufacturing Systems	18-02-2019 to 22-02-2019



Dhananjay Kumar

A Training Programme through ICT mode on Modern Manufacturing Systems aims to equip participants with the knowledge and skills required to bloom in the rapidly evolving manufacturing industry, leveraging digital technology to enhance learning and collaboration. The teaching faculty Mr. Dhananjay Singh attended a **Short Term Training Programme through ICT mode on Modern Manufacturing Systems** on from 18th to 22nd February, 2019. The certificate provided by the organizing institution has been represented below for the validation.



Certificate

Awarded to

Dhananjay Kumar

for having successfully completed the
Short Term Training Programme through ICT Mode on
Modern Manufacturing Systems
organized by this Institute

from 18.02.2019 to 22.02.2019 [duration: 1 Week]

Programme Coordinator

Academic Counsellor

Director



Session 2017-2018

The annual reports of the academic year 2017-2018 is focus on the programs undertaken by teaching faculties and non-teaching staff. Key findings indicate significant progress in research initiatives and professional development for faculty, while non-teaching staff programs have improved administrative efficiency and student support services.

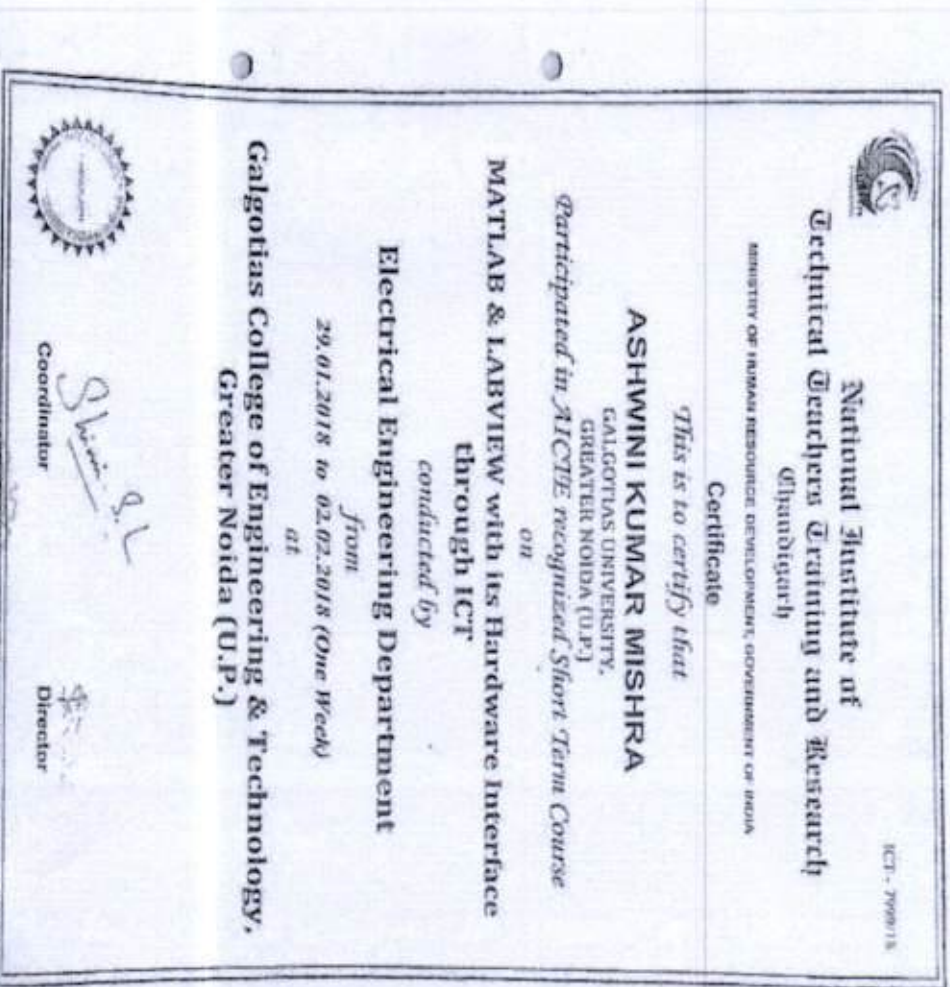
Year	Name of the participant	Designation	Title of the FDP /MDP/professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018	Mr. ASHWINI KUMAR MISHRA	Assistant Professor	One week Short term course through ICT mode on MATLAB & LABVIEW with its Hardware Interface.	29-01-2018 to 02-02-2018
2018	Mr. ASHWINI KUMAR MISHRA	Assistant Professor	Electric power generation from piezoelectric system under several configuration	28-09-2018 to 29-09-2018
2018	Mr. ASHWINI KUMAR MISHRA	Assistant Professor	Design, Installation & commissioning solar PV system	16-04-2018 to 21-04-2018



Ajesh Kumar

The Short Term Course on MATLAB & LABVIEW with its Hardware Interface through ICT equips participants with the essential skills and practical experience needed to harness the capabilities of these powerful software tools for solving complex problems and driving innovation in their respective fields.

The teaching faculty Mr. Ashwini Kumar Mishra attended a **Short Term Course on MATLAB & LABVIEW with its Hardware Interface through ICT**, conducted by Galgotias College of Engineering & Technology, Grater Noida, from 29th January to 2nd February, 2018. The certificate provided by the organizing institution has been represented below for the validation.



**National Institute of
Technical Teachers Training and Research**
Ghaziabad

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

ICT - 2000/18

Certificate

This is to certify that

ASHWINI KUMAR MISHRA

GALGOTIAS UNIVERSITY,
GREATER NOIDA (U.P.)

Participated in NITTTR recognized Short Term Course

on

**MATLAB & LABVIEW with its Hardware Interface
through ICT**

conducted by

Electrical Engineering Department

from

29.01.2018 to 02.02.2018 (One Week)

at

**Galgotias College of Engineering & Technology,
Greater Noida (U.P.)**



S. Mishra
Coordinator




[Signature]
Director



Ashwini Kumar






The installation and commissioning process is crucial for ensuring the safe and reliable operation of the solar PV system, as well as maximizing its energy production potential. It often requires the expertise of trained professionals with knowledge of electrical systems, construction techniques, and solar technology. The teaching faculty Mr. Ashwini Kumar Mishra attended an **Design, Installation & commissioning solar PV system** by Galgotias College of Engineering & Technology, Grater Noida, from 16th to 21st April, 2018. The certificate provided by the organizing institution has been represented below for the validation.


**VASS**
Strengthening Sustainability

**GALGOTIAS UNIVERSITY**


Workshop certificate


This is to certify that
Mr./Miss **ASHWINI KUMAR MISHRA**
has successfully Workshop
ON
Design, Installation & Commissioning : Solar PV System
From **16th April to 21st April, 2018**
in Galgotias University, Grater Noida



Dr. Lokesh Varshney
Principal, Galgotias University

Dr. Lokesh Varshney
Principal, Galgotias University



Dr. Lokesh Varshney
Principal, Galgotias University



Dr. Lokesh Varshney
Principal, Galgotias University


Dr. Lokesh Varshney
Principal, Galgotias University

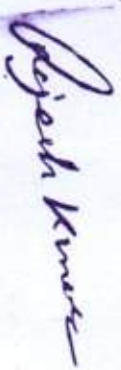

Dr. Lokesh Varshney
Principal, Galgotias University


Dr. Lokesh Varshney
Principal, Galgotias University


Dr. Lokesh Varshney
Principal, Galgotias University

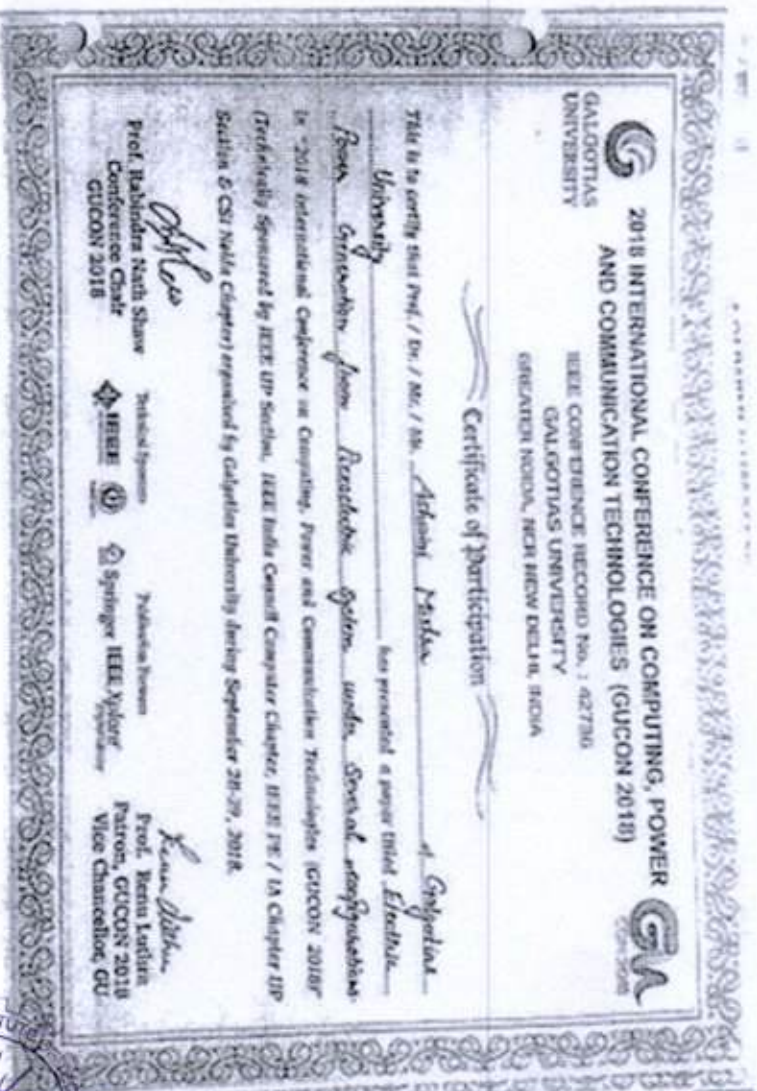

Dr. Lokesh Varshney
Principal, Galgotias University




Rajesh Kumar

Electric power generation from piezoelectric systems under several configurations offers a promising approach for generating clean and renewable energy from mechanical sources, with applications ranging from wearable devices to structural health monitoring in infrastructure.

The teaching faculty Mr. Ashwini Kumar Mishra attended an **Electric power generation from piezoelectric system under several configuration**, by Galgotias College of Engineering & Technology, Greater Noida, from 28th to 29th September, 2018. The certificate provided by the organizing institution has been represented below for the validation.



Ashwini Kumar