

Department of Civil Engineering

ANNUAL REPORT - 2021-22

Session (2021 - 2022)

SN	ACTIVITY	DETAILS	Exhibits File Name
1	FDP/Workshop/Seminar/ Conference Organised by faculty	<p>Three Days National Workshop on “GIS and Remote Sensing” Date : 22nd to 24th November 2021 by Dr. Sangeeta Choudhary</p> <p>1.2 International Seminar on "Introduction to “Transportation Planning and Management” by</p> <p>Mr. Shubham Sharma (Research scholar Queensland University of Technology, Australia) in virtual mode.</p> <p>Date 15/02/2022</p> <p>Time 11:00 AM onwards</p> <p>Co-ordinator:- Mr. Om krishan Sharma</p> <p>1.3 Organized workshop on Road to India Skill 2023” with BIMLABS in association with NSDC and CSDC Gov. of India on 30th April- 2022</p> <p>Dr. Manish Varma</p> <p>Mr. Gaurav Sharma</p> <p>Mr. Denis Jangeed</p> <p>A. Organized Webinar on “Bently Program” on June 15, 2022, in association with BIMLABS Pvt. Ltd. by Mr. Gaurav Sharma & Dr. Manish Varma.</p>	GIS and Remote Sensing Boucher

2	FDP/Workshop/Seminar/ Conference Attended by faculty	<p>2.1) Three Days National FDP on “Sustainable Concrete Technology and its Construction” Date : 1st to 3rd July 2021</p> <p>2.2) One Day FDP on “Mechanics of Cement” Date: 3rd July 2021</p> <p>2.3) AICTE FDP by Mr Gaurav Sharma on “Advances in Earthquake Engineering” 26 to 30 July 2021</p> <p>2.4) FDP on “RS & GIS Application in Civil Engineering” Date: 15/7/21 to 17/7/21</p> <p>2.5) FDP on “Cyber Safety and Security” Date: 26th July-31st July 2021</p> <p>2.6) FDP on Tax Computation Planning Filling of ITR</p> <p>2.7) Certification on “Futuristic Trends in civil Engineering”</p> <p>2.8) National FDP on Modern methods for effective teaching & Learning by Denis Jangeed Date: 17-21 Aug 2021</p> <p>2.9) Workshop on Business Case Writing by Denis Jangeed</p> <p>2.10) FDP On Principal & Building application science</p> <p>2.11) Workshop on Hydrological modelling for extreme weather events for urban cities</p> <p>2.12) Workshop on hydrological modelling for extreme weather event for urban cities</p> <p>2.13) Training on Climate Change, Urbanisation and</p>	<p>2.1 SC & DJ_FDP</p> <p>2.2 KG_FDP</p> <p>2.3 GS_FDP</p> <p>2.4 DJ_FDP</p> <p>2.5 DJ_FDP</p> <p>2.6 DJ_FDP</p> <p>2.7 DJ_FDP</p> <p>2.8 DJ_FDP</p> <p>2.9 DJ-FDP</p> <p>2.10 FDP-Gaurav</p> <p>2.11 Workshop-Dr. Sangeeta</p> <p>2.12 Workshop-Kapil</p> <p>2.13 Workshop-Denis Jangeed</p> <p>2.14 Training –Denis Jangeed</p> <p>2.15 FDP_KG</p> <p>2.16 Conference- Dr. Sangeeta Choudhary</p> <p>2.17 FDP_DJ</p> <p>2.18 FDP_DJ</p> <p>2.19 Workshop-DJ</p> <p>2.24 AN_FDP</p> <p>2.25 DJ_WS</p> <p>2.26 KG FDP</p> <p>2.27 DJ Workshop</p> <p>2.28 DJ FDP</p> <p>2.29 DJ FDP</p> <p>2.30 DJ FDP</p>
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		<p>Multi-hazard Management by NIDM</p> <p>2.14) FDP by Kapil Gautam</p> <p>2.15) Conference by Sangeeta Choudhary</p> <p>2.16) FDP by Denis Jangeed</p> <p>2.17) FDP by Denis Jangeed</p> <p>2.18) Workshop by Denis Jangeed</p> <p>2.19) FDP by Kapil Gautam</p> <p>2.20) Conference by Sangeeta Choudhary</p> <p>2.21) FDP by Denis Jangeed</p> <p>2.22) FDP by Denis Jangeed</p> <p>2.23) Workshop by Denis Jangeed</p> <p>2.24) FDP= 01 AICTE / NPTEL FDP by Mr Ajay Nagda on Workshop on Integrated waste management for smart city.</p> <p>2.25) Workshop=01by Mr. Denis Jangeed on “Site Investigation & Soil Exploration Techniques for Geotechnical design”</p> <p>2.26) FDP on ‘Laboratory Practice on Civil Engineering Materials – Concrete’ Date: 13 Dec- 17 Dec 2021 by Kapil Gautam</p> <p>2.27) FDP on ‘Renewable Energy Resources’ Date: 22 Dec to 24 Dec 2021 by Kapil Gautam</p> <p>2.28) Workshop on ‘NPTEL Awareness E-Workshop’ Date: 15 Dec 2021 by Denis Jangid</p> <p>2.29) FDP on ‘Autodesk Auto CAD Civil 3D: For Engineers and Desinners’ Date: 16 Dec 2021</p> <p>2.30) FDP on ‘GUI based FPGA Programming’ Date: 20 Dec-24 Dec 2021 by Denis Jangid</p> <p>2.31) Five Days FDP on “Emerging Trends in Construction Technology”</p>	
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		<p>from 13th February to 17th February, 2022.Organized by Department of Civil Engineering SS College of Engineering, Udaipur Attended by Dr. Manish Varma.</p> <p>2.32) Five Days FDP On “Materials for Sustainability of Transportation Infrastructure” by Mr. Denis Jangeed on Date:01-5 Feb 2022.</p> <p>2.33) Five Days FDP on “Emerging Trends in Construction Technology” from 13th February to 17th February,2022.Organized by Department of Civil Engineering SS College of Engineering, Udaipur Attended by Mr. Ajay Nagda.</p> <p>2.34) One day workshop on “Basics of Cost Estimation and cost Analysis of Building “ held on 09-02-2022 at poornima college of Engineering jaipur attended by Mr. Ajay Nagda.</p> <p>2.35) FDP on “Research Methodology- Tools & Techniques” from 25 April to 29 April 2022 by (RAJANIKANT SUTHAR)</p> <p>2.36) National FDP On Plagiarism in Academic Research & Author Identifiers organised by Indian Institute of Management and Commerce Hyderabad Participated by Mr. Denis Jangeed</p> <p>2.37) Attend 5 days faculty development programme on “Research Methodology- Tools & Techniques” from 25 April to 29 April 2022 by Mr. Ajay Nagda</p> <p>2.38) FDP on “Research Methodology- Tools & Techniques” from 25</p>	
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		<p>April to 29 April 2022 by (Sangeeta Choudhary)</p> <p>2.39) FDP on “Research Methodology- Tools & Techniques” from 25 April to 29 April 2022 by (Dr. Manish Varma)</p> <p>2.40) FDP on “Research Methodology- Tools & Techniques” from 25 April to 29 April 2022 by (Kapil kumar Gautam)</p> <p>2.41) FDP on “Research Methodology- Tools & Techniques (Mr. Gaurav Sharma)</p> <p>2.42) Participated in One week International FDP on research methodology Kamla Nehru Mahavidyalaya Nagpur held on 2 to 7 may 2022 by Denis Jangeed</p> <p>2.43) Participated in International conference on business management ICBMAET by Debre Tabor University Ethiopia held on 9 to 10 may 2022 by Denis Jangeed</p> <p>2.44) Complete 12 week FDP on “Air pollution and Control” by Mr. Ajay Nagda which is equivalent to 1.5 FDP by NPTEL.</p> <p>2.45) 12 Week FDP on Retrofitting and Rehabilitation of Civil Infrastructures by GAURAV SHARMA</p> <p>2.46)</p> <p>A Participated in Webinar on "Durability and Microstructure of Concrete" organized by UltraTech Cement held on Sat, Jun 4, 2022, by Mr. Kapil Kr Gautam</p> <p>B Participated in FDP on “Geotechnical Engineering Practices & it's sustainable</p>	
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		<p>development” held from 26th to 28th May 2022 by Mr. Kapil Kr Gautam</p> <p>C Participated in Workshop on “New trends in research methodology” organized by RKDF University Bhopal held on 26th May 2022 by Denis Jangeed.</p> <p>D Participated in FDP on “Geotechnical Engineering Practices & it's sustainable development” held from 26th to 28th May 2022 by Mr. Om Krishan Sharma</p> <p>Certificate is Pending but Admit Card For Examination Is Attached Below</p>	
3	Add-on /Certificate Course Completed by Faculty and Students	<p>3.1) Certification on “Good Citation Behaviour” Date: 24/7/2021</p> <p>3.2) NPTEL Certificate Course (Exam given) =03</p> <p>3.3) Online Course of Highway Drawings with CAD by GCE</p> <p>3.4) NPTEL Certificate Course (Exam given) =01</p> <p>3.5) NPTEL CERTIFICATION = 03 (02 +01)Online Course by DJ</p> <p>3.6) NPTEL Certificate by Mr Gaurav Sharma on title Design of Steel Structure (12Week)</p> <p>3.7) NPTELCertificate by Mr Ajay Nagda on title Integrated waste management for smart city.(12 Week)</p> <p>3.8) MOOC Udemy Course by Denis Jangeed on “Revit Structure with practical implementation”</p> <p>3.9) 4. MOOC Udemy Course by Denis Jangeed on</p>	<p>3.1 DJ_Certification</p> <p>3.2 NPTEL-1-Gaurav NPTEL-2-Gaurav NPTEL-1-Kapil</p> <p>3.3 Online Course Denis Jangeed</p> <p>3.4 NPTEL_Exam-1-GS</p> <p>3.5 NPTEL_Exam-1-AN</p> <p>3.6 NPTEL_Cert-1-GS</p> <p>3.7 NPTEL_Cert-2-GS</p> <p>3.8 NPTEL_Cert-3-KG</p> <p>3.9 Online Course-DJ</p> <p>3.6 NPTEL_Certificate –GS</p> <p>3.7 NPTEL_Certificate –AN</p> <p>3.8 MOOC_DJ-1</p> <p>3.9 MOOC_DJ-2</p> <p>3.10 MOOC_DJ-3</p> <p>3.11 DJ</p> <p>3.12 DJ</p>

		<p>“Python Modules to create AI Projects for Beginners”</p> <p>3.10) MOOC Udeemy Course by Denis Jangeed on “SPSS For Research”</p> <p>3.11) Certification on ‘Reflection of Society and Culture in Indian Literature in English’ by Denis Jangid</p> <p>3.12) Certification on ‘What is Data Science?’ by Denis Jangeed</p> <p>3.13) MOOC Course Completed by Mr. Denis Jangeed On “Personal Presentation Training”</p> <p>3.14) Certificate Course-</p> <p>Training program on National Intellectual Property Awareness Mission organised by Intellectual Property office, Govt of India attended by Mr. Denis Jangeed.</p> <p>Certification course :-Appeared in the 12 week NPTEL online course exam “Air pollution and control “ by Mr. Ajay Nagda.</p> <p>3.. Certification course :-</p> <p>Appeared in the 12 week NPTEL online course exam “Water and wastewater treatment“ by Mr. Ajay Nagda.</p> <p>4. Certification Course: -</p> <p>3.15) Appeared in the 12 week NPTEL online course exam “REPAIR AND REHABILITATION OF CIVIL INFRASTRUCTURE“ by Mr. GAURAV SHARMA</p> <p>3.16) Attend a Training program on NIPAM by Intellectual Property Office, India held on 17 may 2022 by Denis Jangeed.</p> <p>3.17) 12 week NPTEL online course on “Air pollution and control “ by Mr. Ajay Nagda with silver medal and 5 % topper.</p> <p>3.18) 12-Week MOOC course on Retrofitting and Rehabilitation</p>	
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		of Civil Infrastructures by GAURAV SHARMA on SWAYAM.	
4	Publication: (Paper in Journal or Proceeding/Patents /Books/Chapters)	<p>4.1 One Paper communicated in Conference</p> <p>4.2 Patent: AI enabled robotic based fully autonomous construction</p> <p>4.3 One Paper Published by Dr. Manish Varma in international SCI Journal</p> <p>4.4 One Paper Published by Dr. Sangeeta Choudhary</p> <p>4.5 Paper published in International Advanced Research Journal in Science, Engineering and Technology by Dr. Sangeeta Choudhary titled “ Surface Water Quality Trends and Regression Model through SPSS in Udaipur, Rajasthan</p> <p>4.6 Patent number 2021105487 of Australian Government granted on 17th November 2021.</p> <p>Title of Invention: Novel Granular piles installation process in soft clays with the calculation using design charts.</p> <p><u>Presented the Paper at Two Days International E-Conference on Novel Innovations & Sustainable Development in CE- NISDCE 2022 by Mr. Denis Jangeed</u></p> <p>Paper Proceeding in International Conference on Multi-Disciplinary Application & Research Technologies (ICMART-2022) held on 27th – 28th May, 2022 Organized at GITS Udaipur by Denis Jangeed</p> <p><u>Paper published in Springer journal “ Smart Technologies for Energy, Environment and Sustainable Development Vol-1 May-2022 by Dr Manish Varma</u></p>	<p>4.1 Conf-Paper-Dr.Sangeeta</p> <p>4.2 DJ Patent</p> <p>4.3 Innovative Infrastructure Solutions (Springer) International Journal Paper Dr. MRV</p> <p>4.4 SC_ Paper</p> <p>4.5 Sangeeta-Innovation Patent Certificate</p>

		<p>A Participated in Second International Conference on Sustainable Energy, Environment, and Green Technologies (ICSEEGT-2022) organized by Poornima College of Engineering, Jaipur, Rajasthan, India held from 24th to 25th June 2022 by Mr. Denis Jangeed.</p> <p>B Paper Presented in Second International Conference on Sustainable Energy, Environment, and Green Technologies (ICSEEGT-2022) organized by Poornima College of Engineering, Jaipur, Rajasthan, India held from 24th to 25th June 2022 by Dr. Sangeeta Choudhary</p>	
5	Award and Recognition	<p>01 Topper in NPTEL Courses</p> <p>02 Certificate of Appreciation as a Coordinator.</p> <p>5.4 Volunteership for Department of Higher Education, Ministry of Education, Government of India</p> <p>5.5 Appointed an Evaluator for Toycathon 2021 which is organized by the Innovation Cell, Ministry of Education with support of AICTE</p> <p>1.Mr. Denis Jangeed A Reviewer at INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT (IJNRD) from 18 April 2022</p>	<p>5.1 Kapil Kr Gautam</p> <p>5.2 Denis Jangeed</p> <p>5.3 DJ File</p> <p>5.4 DJ File</p>
6	Research Project/Consultancy: Projects running/completed/Proposals Sent	<p>Two Proposals prepared for MODROB</p> <p>A. Proposal Sent to MLSU for MoU by Dr. Sangeeta Choudhary</p>	Not Sent

7	Expert Lecture/ Alumni Talk	1. Alumni Talk by Mr Ravi Suthar 2021 pass out Organized by Mr Rajanikant Suthar & Mr. Denis Jangeed Dated: 13-11-2021	7.1 Alumni_Talk
8	Visiting Person/ Industrial Visit	1. Industrial visit to ZRTI 2. Field Visit in RMC Plant 3. Technical Field Visit for final year students to Maharana Pratap International Airport Dabok, Udaipur on Organized by Mr Rajanikant Suthar & Mr. /Ajay 4. Industrial visit to Pacific Industries Ltd. 5. e-News Letter: (a) Rajanikant Suthar (b) Denis Jangeed (c) Om Krishan Sharma 6. Industrial Visit 'Smart City Projects Udaipur' Conducted by Dr. Sangeeta Choudhary, Mr. Gaurav Sharma & Mr. Denis Jangeed	8.1 Gaurav/Kapil/Ajay (ZRTI) 8.2 Om Krishan /Denis (RMC Plant 3rd Sem) 8.3 Dr. Sangeeta Choudhary/ Mr. Rajanikant Suthar (RMC Plant 5th Sem) 8.4 Field_Visit
9	Student Club Activity	Orientation Program for second year students on 22 Sep. 2021 Orientation Program for second year students on 22 Sep. 2021 PICNIC TO GUPTESHWAR MAHADEV TEMPLE (Ajay/Kapil/rajanikant/om Krishan/Gaurav / Denis & Dr. Sangeeta) Sports Event Coordinators Om Krishna Sharma, Kapil Gautam, Denis Jangid and Incharge Dr Sangeeta Choudhary 1. E-Newsletter	CE_Report on Orientation program CE_Report on Orientation program Picnic Report

		<p>(a) Mr. Rajanikant Suthar</p> <p>(b) Mr. Denis Jangeed</p> <p>(C) Mr. Om Krishan Sharma</p>	
10	Trainings organised for students	<p>1. 15 Days training for 3 Semester going students. 15 Days training for 8 Semester going students.</p> <p>2. GATE Classes conducted by Mr. Kapil Kr Gautam & Mr. Om Krishan Sharma</p> <p>3. GATE Classes conducted by Mr. Kapil Kr Gautam & Mr. Om Krishan Sharma</p> <p>4 Gate Classes by Om Krishna Sharma and Kapil Gautam</p> <p>A Training Session on “Industrial Training” for Second Year Students by Mr. Denis Jangeed & Mr. Kapil Kr Gautam</p>	<p>10.1 Value Added certification training 3rd sem</p> <p>10.2 Value Added certification training 5th sem</p> <p>3rd sem and 5th Sem Third & Final Year Students</p>
11	Major facility addition		
12	Any Other (specify)	<p>NBA WORK</p> <p>NAAC preparation and documentation</p> <p>Gaurav Sharma: Placement of our Final Year Civil Engg. Student. Student Name: Sweety Tank Package: 1.68 Lakh Per Annum Company Name: Parth Infra Projects.</p> <p>Gaurav Sharma: Completed 1st Year in Ph.D. at NIT, Surat.</p> <p>1.Guided and prepared to one team with three students for the first round of UltraTech Shining Star Contest held online on 14th Feb 2022.By Dr. Manish Varma</p>	<p>Document Sent</p> <p>Proof for the same are requested from the HR and yet not received. It will be shared soon.</p>

		<p>2. Guided and prepared to one team with three students for the first round of UltraTech Shining Star Contest held online on 14th Feb 2022.By Mr Gaurav Sharma</p> <p>3. Guided and prepared to one team with three students for the first round of UltraTech Shining Star Contest held online on 14th Feb 2022.By Mr Ajay Nagda</p> <p>Given a session in the Workshop titled “Basics of Cost Estimation and Cost Analysis of Building” on 9th February 2022. as a resource person by Denis Jangeed & Event organized by Poornima college of Engineering Jaipur.</p> <p>The case method of study Case Study at Pacific Industries Ltd. about: Working of Gantry Girders</p> <p>Duties and work assigned during NAAC Accreditation process by All 8 Faculty Members of Department.</p> <p>FDP proposal for Atal FDP AICTE by Dr Manish Varma</p> <p>Training Session on “Resume Writing” for Second Year Students by Mr. Kapil Kr Gautam</p> <p>B Eight Students of final year are selected for Smart City Project Ltd. Internship Program (Effort by Dr. Sangeeta Choudhary</p>	
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(Provide a detailed report of each activity with photographs, etc. as attachment)

1.1

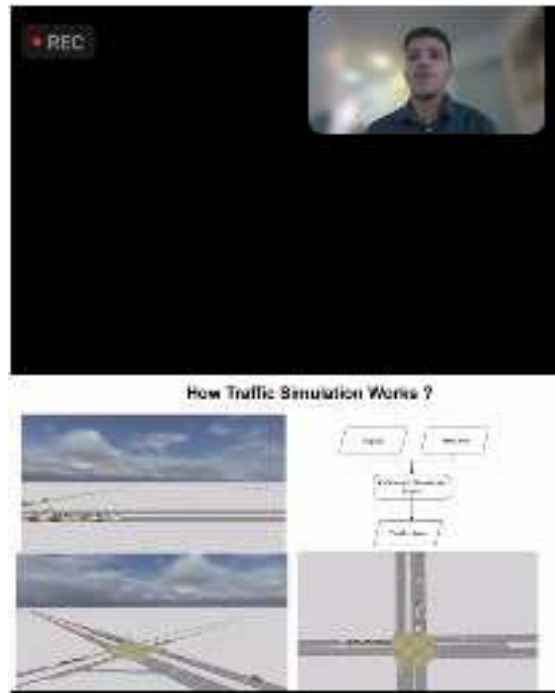


Three Days National FDP on “Sustainable Concrete Technology and its Construction”

1. **FDP/Workshop/Seminar/Conference Organized by faculty**

(i) **International Seminar on "Introduction to “Transportation Planning and Management”** by Mr. Shubham Sharma (Research scholar Queensland University of Technology, **Australia**) in virtual mode. Date 15/02/2022, Time 11:00 AM onwards
Co-ordinator:- Mr. Om krishan Sharma.

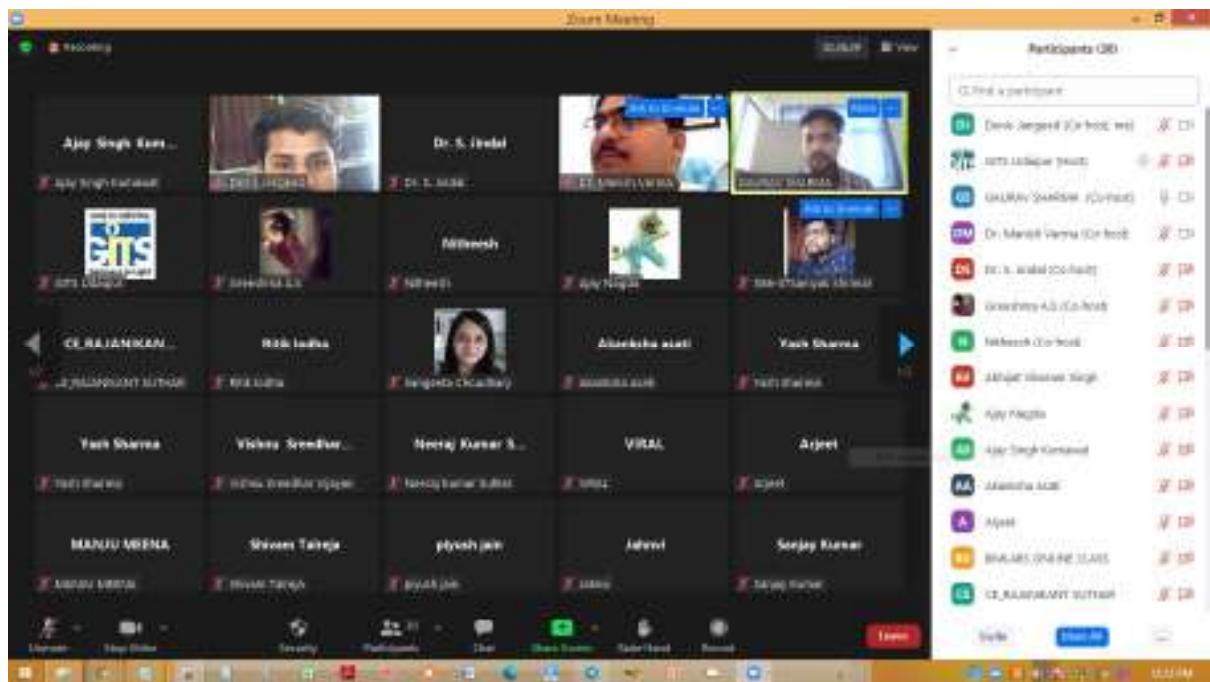




1. Organized workshop on Road to India Skill 2023” with BIMLABS in association with NSDC and CSDC Gov. of India. On 30th April-2022

Organized by: Dr. Manish Varma, Mr. Gaurav Sharma & Mr. Denis Jangeed

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One Day FDP on "Mechanics of Cement"

Date: 3rd July 2021



One Day FDP on "Mechanics of Cement









































AICTE FDP by Mr Gaurav Sharma on "Advances in Earthquake Engineering"



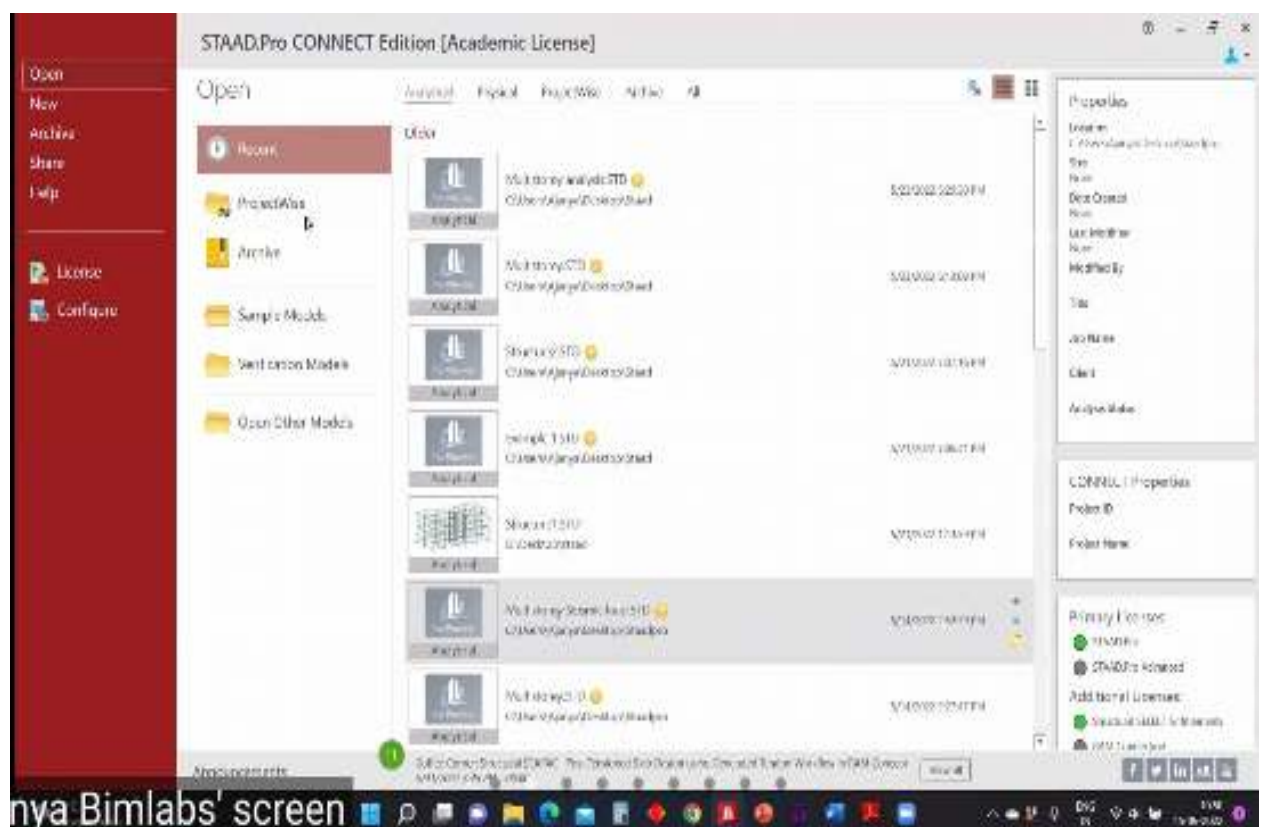
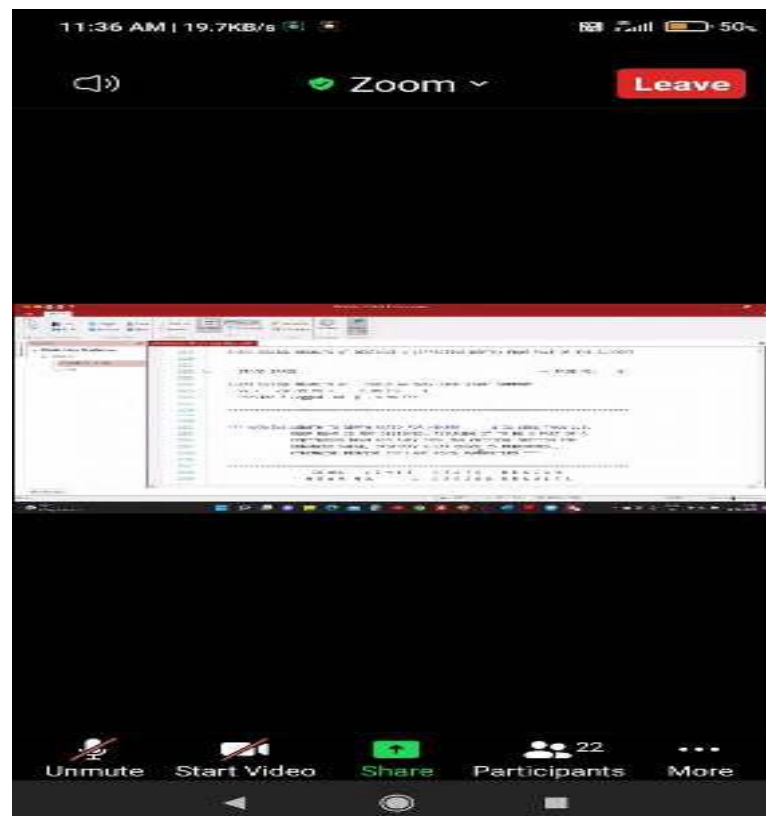
1. FDP/Workshop/Seminar/Conference Organised by faculty

- A. Organized Webinar on “Bently Program” on June 15, 2022 in association with BIMLABS Pvt. Ltd. by Mr. Gaurav Sharma & Dr. Manish Varma.**

[Close](#) Participants (15)

-  Akshit Raj  
-  DHARMENDRA RAMAW...  
-  Jitendra Patel  
-  Joe Jacob  
-  LIJA R L  
-  Nagda Ajay  
-  Philips J  
-  Prince Ragul  
-  Rajnish kumar  
-  shalini shaswat  
-  Vikas  
-  Vinod  
-  prithvi raj singh 

[Invite](#)



2.4



2.5



www.
InfoSec
awareness.in

Ministry of Electronics & Information Technology (MeitY)
Government of India

Information Security Education and Awareness (ISEA)

Certificate of Participation

(Certificate No ISEA/ITEC/00813)

This is to certify that Denis Jangeed
from Geetanjali Institute of Technical Studies Udaipur Rajasthan India School
/ Institute has successfully taken part in the online Teachers Training on "Cyber Safety and
Security" organized by Indian Teacher Education Community, Indore, Madhya Pradesh.
This training programme is led by Information Security Education and Awareness (ISEA)
under Ministry of Electronics & Information Technology (MeitY), Government of India from
26th - 31st July 2021. The participant has undergone training and developed clear
understanding on the following topics:

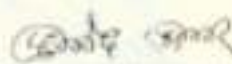
- Internet Fundamentals and Information Security
- Desktop Security & Browser Security
- Social Engineer Techniques (Phishing, Smishing, Vishing etc.)
- Mobile application Security and Social Networking challenges



Shri. Ch. A. S. Murty,
Coordinator, ISEA PMU
Information Security
Education and Awareness Phase - II



Issue Date : 02-08-2021



Dr. Pramod Kumar Gupta,
Founder,
Indian Teacher Education Community
Indore, Madhya Pradesh

Organized by :

Certificate issued by :



Indian Teacher Education
Community, Indore, Madhya Pradesh



प्रगत संगणन विकास केन्द्र

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

राष्ट्रिय स्तर पर शिक्षक तैयारी के लिए एक विशेष कार्यक्रम

A Special Scheme of the Ministry of Electronics and Information Technology, Government of India



2.7



2.8 National FDP on Modern methods for effective teaching & Learning by Denis Jangeed
Date: 17-21 Aug 2021



2.9 Workshop on Business Case Writing by Denis Jangeed



2.10 FDP On Principal & Building application science

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By Prof. E. Rajasekar | IIT Bombay

Free for all users | Learners enrolled: 1,171

Principles & Applications of Building Science

Dr. E. Rajasekar
Department of Architecture and Planning
Indian Institute of Technology Bombay

Each participant will receive a certificate for completion of the course. The course provides a detailed introduction to design/construction industry professionals, students of architecture and engineering disciplines to understand the science and technology behind building design and construction. The course consists of 10 modules which cover climate responsive design of building, thermal comfort and energy efficiency, building acoustics, air quality and indoor air quality, lighting. The participant will receive a video of assessment test on completion of the course.

Summary

Course Name	Principles
Course Type	Free for all
Duration	1 week
Start Date	26 Jul 2021
End Date	29 Aug 2021
Open Date	26 Sep 2021 (ET)
Enrollment Period	09 Aug 2021
Category	Architecture and Planning
Self Paced	Yes
Level	Undergraduate

This is an AICTE approved FDP course

2.11 Workshop on Hydrological modelling for extreme weather events for urban cities



2.12 Workshop-Denis Jangeed



2.13 Training- Denis Jangeed




2.14 Workshop



Roll No: NPTEL21CE54514410142

To KAPIL KUMAR GAUTAM
PLOT NO 71 KUNJVIHAR COLONY
MAINWA ROAD NEAR OLD AGE HOME
BUNDI
RAJASTHAN - 323001
PH. NO : 9788998826



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP

Duration of NPTEL course: 4 Weeks



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KAPIL KUMAR GAUTAM
for successfully completing the course
Geotechnical Engineering Laboratory
with a consolidated score of **91 %**


Prof. Andrew Thangaraj
 NPTEL Coordinator
 IIT Madras

(Jul-Aug 2021)


Prof. Dileep N. Malkhede
 Advisor-I (Research, Institute & Faculty Development)
 All India Council for Technical Education

Roll No: NPTEL21CE54514410142

To validate and check scores: <http://npTEL.ac.in/hoc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
 This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
 F.No. AICTE / RFD / FDP through MOOCs / 2017-18

2.16



2.17 - FDP_DJ



2.18- FDP_DJ




2.19- Workshop_DJ




Roll No: NPTEL21CE46S44S20203

To AJAY NAGDA,
 18 TULSI NAGAR
 BHISWA BUS STAND
 UDAIPUR
 RAJASTHAN - 313001
 PH. NO : 9920485545

Duration of NPTEL course: 12 Weeks




No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE

Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to

AJAY NAGDA


for successfully completing the course

Integrated Waste Management for a Smart City

with a consolidated score of **62 %**


 Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2021)


 Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL21CE46S44S20203

To validate and check scores: <http://npTEL.ac.in/hoc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2016, similar to other refresher / orientation courses.

F.No. AICTE / RFPD / FDP through MOOCs / 2017-18

NITTTRK/ICT/2021-22/05837



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

(Established by the
Ministry of Education
Government of India)

Certificate of Participation

Kapil Kumar Gautam

has completed One Week

Short Term Training Programme through ICT Mode on

Laboratory Practice on Civil Engineering Materials – Concrete

organised by this Institute

from 13th December to 17th December, 2021 successfully.

Dr. Uday Chand Kumar
Programme Coordinator(s)

Dr. Sukanta Kumar Naskar
Faculty-in-Charge, Training Cell

Prof. Debi Prasad Mishra
Director

2.22 FDP on 'Renewable Energy Resources' Date: 22 Dec to 24 Dec 2021 by Kapil Gautam



2.23 Workshop on 'NPTEL Awareness E-Workshop' Date: 15 Dec 2021 by Denis Jangeed



2.24 FDP on 'Autodesk Auto CAD Civil 3D: For Engineers and Desinners' Date: 16 Dec 2021



2.25 FDP on 'GUI based FPGA Programming' Date: 20 Dec-24 Dec 2021 by Denis Jangeed



2.26 Certification on 'Reflection of Society and Culture in Indian Literature in English' by Denis Jangid



2.27 Volunteering for Department of Higher Education, Ministry of Education, Government of India



Department of Higher Education
Ministry of Education
Government of India

[Logout](#)

WELCOME DENIS JANGEED

VOLUNTEER DETAILS

Volunteer ID * : 202100057 Email Id * : denish.jangid0@gmail.com
Mobile number * : 9636082356



Name * : Denis Jangeed
Address * : B-3 Old Jawahar Nagar Kota
Area of Volunteer Support * : Both
Date * : 31/12/2021 Gender * : Male
Category * : General Landline number : NA
State * : Rajasthan District * : Kota
Pincode * : 324005 PAN Card/Aadhaar Card/ DL Number * : RJ20DLG/11/284161

EDUCATIONAL QUALIFICATION

Education * : Post Graduation
Stream * : Engineering
Occupation * : Faculty
Sub Occupation * : Faculty (Serving)

DOCUMENTS

Appointed an Evaluator for Toycathon 2021 which is organized by the Innovation Cell, Ministry of Education with support of AICTE



1. FDP/Workshop/Seminar/Conference Attended by faculty

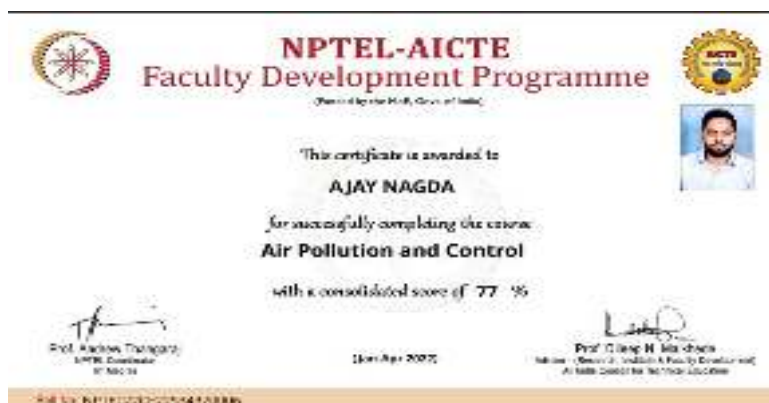
1. Participated in One week International FDP on research methodology Kamla Nehru Mahavidyalaya Nagpur held on 2 to 7 May 2022 by **Denis Jangeed**



2. Participated in International conference on business management ICBMAET by Debre Tabor University Ethiopia held on 9 to 10 May 2022 by **Denis Jangeed**



2. Complete 12 week FDP on “ **Air pollution and Control**” by Mr. Ajay Nagda which is equivalent to 1.5 FDP by NPTEL.



2. FDP/Workshop/Seminar/Conference Attended by faculty

A Participated in Webinar on "**Durability and Microstructure of Concrete**" organised by **UltraTech Cement** held on Sat, Jun 4, 2022 by Mr. Kapil Kr Gautam



B Participated in FDP on “Geotechnical Engineering Practices & it's sustainable development” held from 26th to 28th May 2022 by **Mr. Kapil Kr Gautam**



C. Participated in FDP on “Geotechnical Engineering Practices & it's sustainable development” held from 26th to 28th May 2022 by **Mr. Om Krishan Sharma**



- D Participated in **Workshop** on “New trends in research methodology” organized by RKDF University Bhopal held on 26th May 2022 by Denis Jangeed.



3. 12 Week FDP on Retrofitting and Rehabilitation of Civil Infrastructures by **GAURAV SHARMA**



2. FDP/Workshop/Seminar/Conference Attended by faculty

(i) Five Days FDP on “Emerging Trends in Construction Technology” from 13th February to 17th February, 2022. Organized by Department of Civil Engineering SS College of Engineering, Udaipur Attended by Dr. Manish Varma.



(ii) Five Days FDP On Materials for Sustainability of Transportation Infrastructure by Mr. Denis Jangeed on Date:01-5 Feb 2022.

(iii) Five Days **FDP** on “Emerging Trends in Construction Technology” from 13th February to 17th February,2022.Organized by Department of Civil Engineering SS College of Engineering, Udaipur Attended by **Mr. Ajay Nagda**.

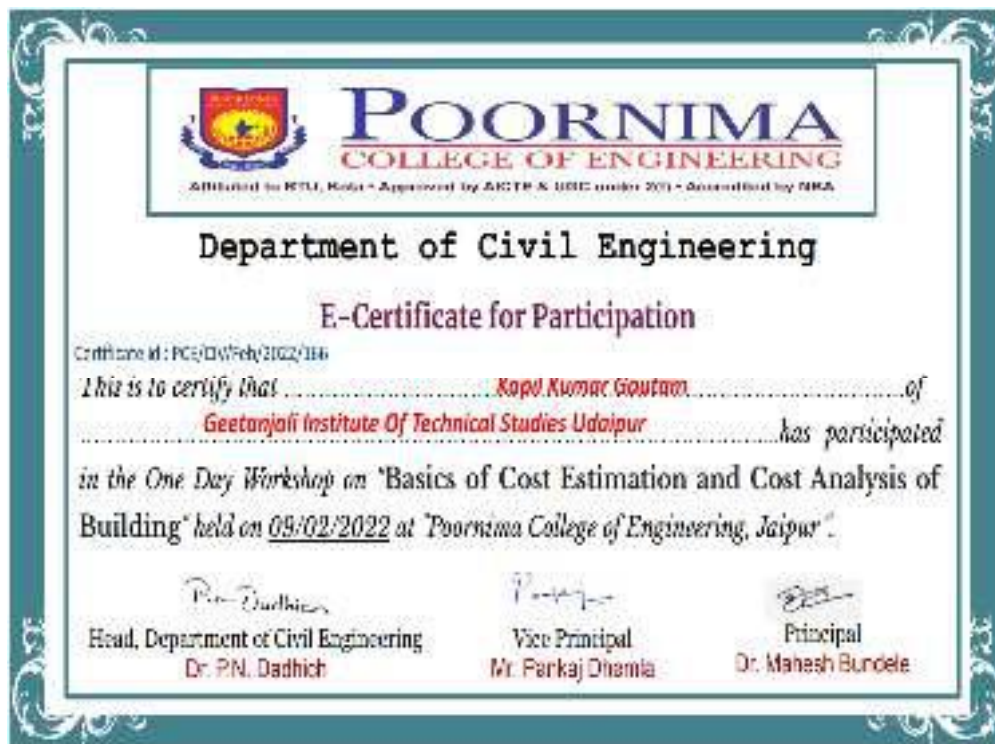
- (iv) One day **workshop** on “Basics of Cost Estimation and cost Analysis of Building “ held on 09-02-2022 at poornima college of Engineering jaipur attend by **Mr. Ajay Nagda**.



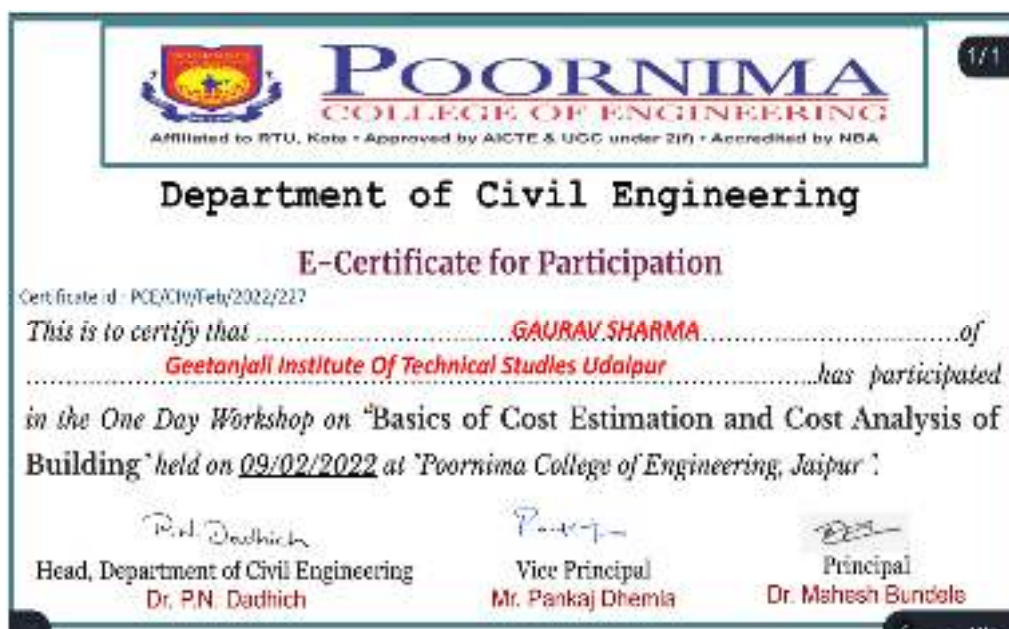
- (v) Five Days FDP on “Emerging Trends in Construction Technology” from 13th February to 17th February, 2022. Organized by Department of Civil Engineering SS College of Engineering, Udaipur Attended by **Mr. Kapil Kr Gautam**



(vi) One day **workshop** on “Basics of Cost Estimation and cost Analysis of Building “ held on 09-02-2022 at poornima college of Engineering jaipur attend by **Mr. Kapil Kr Gautam**



(vii) One day **workshop** on **Basics of Cost Estimation and Cost Analysis of Building"** held on **09/02/2022** at poornima college of Engineering jaipur attend by **Mr. Gaurav Sharma**





SS

COLLEGE OF ENGINEERING

Approved by AICTE, Affiliated to RTU, Kota



FIVE DAYS FACULTY DEVELOPMENT PROGRAM ON

"Emerging Trends in Construction Technology"

Certificate of Participation

This is certify that Dr./Mr./Ms. **GAURAV SHARMA** of **GEETANJALI INSTITUTE OF TECHNICAL STUDIES, DABOK, UDAIPUR (RAJASTHAN)** Participated in the 5 Days FDP on **"Emerging Trends in Construction Technology"**, Organized by **Department of Civil Engineering** from 13th February to 17th February, 2022.

Dr. Prashant Sharma
PRINCIPAL, SSCE



Mr. Harshal Kumar Panchal
FDP Coordinator

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)
(Established under Section 3 of UGC Act 1956)
Cabinets - 641 021.

CERTIFICATE OF PARTICIPATION

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

This is to certify that Mr. Gaurav Sharma of GEETANJALI INSTITUTE OF TECHNICAL STUDIES, UDAIPUR RAJASTHAN, ASSISTANT PROFESSOR has successfully participated in the Five days Online Faculty Development Programme on "Sustainable Development in Civil Engineering" from 07th-11th February 2022 organized by the Department of Civil Engineering, Karpagam Academy of Education.

Organizing Secretary
(Mrs. K. Prema)

Co-Convenor
(Dr. M. Natarajan)

Convenor
(Dr. N. Balasundaram)



2

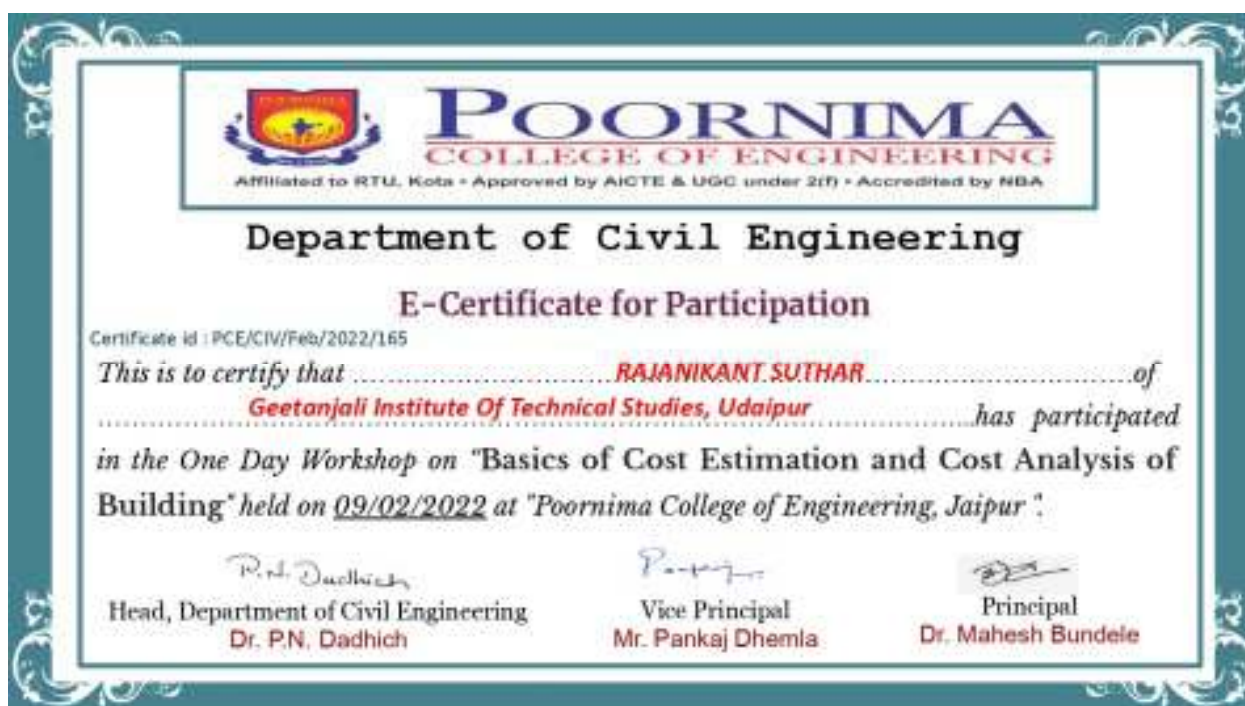
(viii) Two Days Short course on “APPLICATION OF UNSATURATED SOIL MECHANICS ON THE ANALYSIS OF SLOPES” jointly organized by IIT Mandi, Durham University UK and Universiti Kebangsaan Malaysia on Feb 24-25, 2022 by Mr. Kapil Kumar Gautam



(xi) Five Days FDP On “Materials for Sustainability of Transportation Infrastructure” by Mr. Om krishan Sharma on Date:01-5 Feb 2022.



(X) One day **workshop** on "Basics of Cost Estimation and cost Analysis of Building " held on 09-02-2022 at poornima college of Engineering jaipur attend by **Mr. Rajanikant Suthar**



(xi) Three days online training on “Empowering the Particularly Vulnerable Tribal Groups in Odisha” from 09 Feb 2022 to 11 Feb 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with SGF by **Mr. Om krishan Sharma**



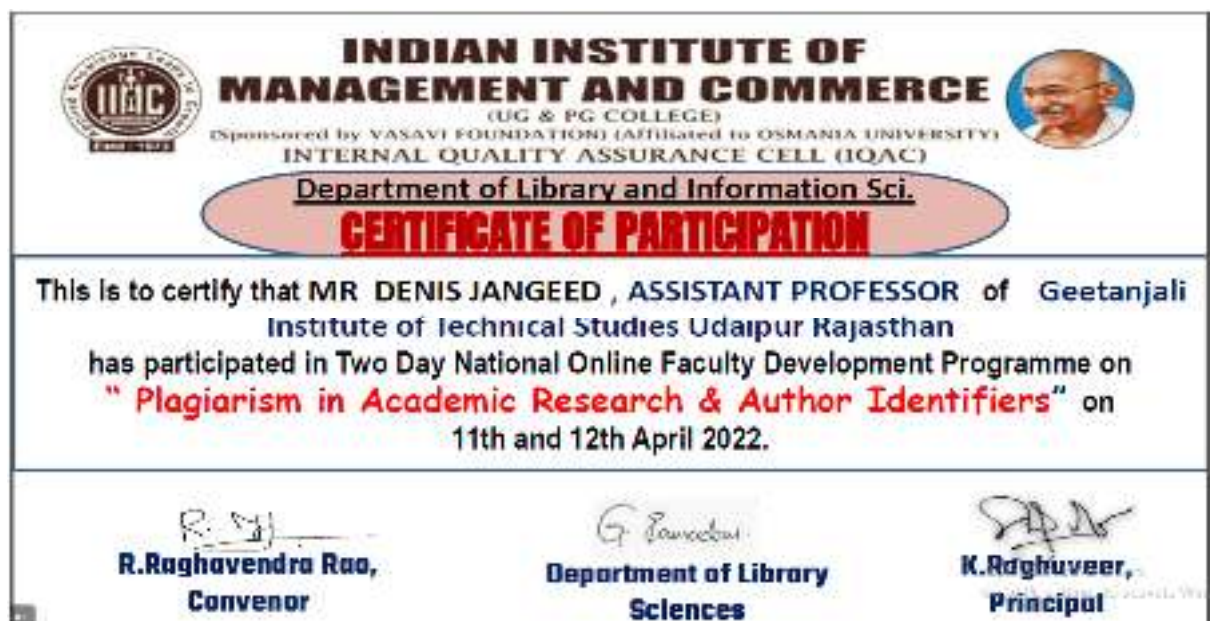
(xii) One day **workshop** on “Basics of Cost Estimation and cost Analysis of Building “ held on 09-02-2022 at poornima college of Engineering jaipur attend by **Mr. Om krishan Sharma**



(xiii) Attended webinar on "DISASTER AND COMMUNITIES VULNERABILITY, RESILIENCE AND PREPAREDNESS AN EXPLORATION OF THE ROLE OF HERITAGE" on 04 Feb 2022 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with D H A R I N N I Ecology & Heritage Conservation Trust Kottayam by **Mr. Om krishan Sharma**



1. National FDP On Plagiarism in Academic Research & Author Identifiers organised by Indian Institute of Management and Commerce Hyderabad Participated by **Mr. Denis Jangeed**



2. Attend 5 days faculty development programme on "Research Methodology- Tools & Techniques" from 25 April to 29 April 2022 by **Mr. Ajay Nagda**
3. FDP on "Research Methodology- Tools & Techniques" from 25 April to 29 April 2022 by (**Sangeeta Choudhary**)



5.FDP on “Research Methodology- Tools & Techniques” from 25 April to 29 April 2022 by (Dr Manish Varma)






6. FDP on “Research Methodology- Tools & Techniques (Kapil Kumar Gautam)



3.1



3.2

NPTEL		National Programme on Technology Enhanced Learning			
Hall Ticket For		Principles and Applications of Building Science-Online			
Candidate Name		GAURAV SHARMA			
Roll No		NOC21AR16034410296			
Date of Birth		07-12-1994			
PwD Status	No	Compensatory Time Required	No	Scribe Required	No
Exam Date		September 26, 2021			
Reporting Time		01:00 pm	Gate Closure	02:30 pm	
Exam Timing		02:00 pm	Shift	AN	
Test Centre Name		ION Digital Zone, IDZ Chhat Margi			
Test Centre Address		Rajgiri Intech D C Talk Compound Adesh Nagar, Opposite Pacific University Near Transport Nagar, Air Port Road, Udaipur, Rajasthan, India - 313004			
 NPTEL Coordinator					

NPTEL		National Programme on Technology Enhanced Learning			
Hall Ticket For		Matrix Method of Structural Analysis-Online			
Candidate Name		GAURAV SHARMA			
Roll No		NOC21CE44014410664			
Date of Birth		07-12-1994			
PwD Status	No	Compensatory Time Required	No	Scribe Required	No
Exam Date		September 26, 2021			
Reporting Time		08:00 am	Gate Closure	09:30 am	
Exam Timing		09:00 am	Shift	FN	
Test Centre Name		ION Digital Zone, IDZ Chhat Margi			
Test Centre Address		Rajgiri Intech D C Talk Compound Adesh Nagar, Opposite Pacific University Near Transport Nagar, Air Port Road, Udaipur, Rajasthan, India - 313004			
 NPTEL Coordinator					

NPTEL	National Programme on Technology Enhanced Learning	 NPTEL
Hall Ticket For	Geotechnical Engineering Laboratory-Online	

Candidate Name	Kajal Kumar Gautam					
Roll No	NOC21CE5451641B142					
Date of Birth	16-07-1993					
PwD Status	No	Compensatory Time Required	No	Scribe Required	No	
Exam Date	September 26, 2021					
Reporting Time	08:00 am	Gate Closure	09:30 am			
Exam Timing	09:00 am	Shift	FN			
Test Centre Name	ION Digital Zone, IIZ Chhat Nagri					
Test Centre Address	Rajgus Infotech D C Tak Compound Adarsh Nagar, Opposite Pacific University Near Transport Nagar, Air Port Road, Udaipur, Rajasthan, India - 313024					
 NPTEL Coordinator						

3.3 Online Course Denis Jangeed

19/07/21 10:02 AM

Denis Jangeed



3.4

NPTEL	National Programme on Technology Enhanced Learning	 NPTEL
Hall Ticket For	Design of steel structures - online	

Candidate Name	GAURAV SHARMA					
Roll No	NOC21CE60534520058					
Date of Birth	07-12-1994					
PwD Status	No	Compensatory Time Required	No	Scribe Required		No
Exam Date	October 24, 2021					
Reporting Time	08:00 am	Gate Closure	09:30 am			
Exam Timing	09:00 am	Shift	FN			
Test Centre Name	SKRISHNA Academy Udaipur					
Test Centre Address	Opp. Sushree Thana, Behind Willy International School, Nathdewan Road, , Udaipur, Rajasthan, India - 313001					
 NPTEL Coordinator						

3.5

NPTEL	National Programme on Technology Enhanced Learning	 NPTEL
Hall Ticket For	Integrated Waste Management for a Smart City - online	

Candidate Name	Ajay Nagda					
Roll No	NOC210246844828251					
Date of Birth	02-09-1992					
Feet Status	No	Compensatory Time Required	No	Score Required		No
Exam Date	October 24, 2021					
Reporting Time	01:00 pm	Gate Closure	02:30 pm			
Exam Timing	02:00 pm	Shift	AN			
Test Centre Name	Ekavya Academy Udaipur					
Test Centre Address	Opp. Sukher Thana, Behind Willy International School, Mathura Road, Udaipur, Rajasthan, 315001					
 NPTEL Coordinator						

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

Roll No: NPTEL21CE44S14410054
To
GAURAV SHARMA
35, GAURAV SHARMA, PALDI VILLAGE UDAIPUR
BADGAO, CHINLWAS, UDAIPUR
UDAIPUR
RAJASTHAN - 313026
PH. NO :7290942088



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

GAURAV SHARMA

for successfully completing the course

Matrix Method of Structural Analysis

with a consolidated score of **51** %

Online Assignments	18.79/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **45**


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CE44S14410054

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

Roll No: NPTEL21CE54514410142

To
KAPIL KUMAR GAUTAM
PLOT NO 71 KUNJVIHAR COLONY
NAINWA ROAD NEAR OLD AGE HOME
BUNDI
RAJASTHAN - 323001
PH. NO - 9783898626



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KAPIL KUMAR GAUTAM
for successfully completing the course

Geotechnical Engineering Laboratory

with a consolidated score of **91** %

Online Assignments	25/25	Proctored Exam	65.82/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **318**

Jul-Aug 2021
(4 week course)

Prof. Sridhar Iyer
Head COEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21CE54514410142

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL21AR15S24410286

To
GAURAV SHARMA
35, GAURAV SHARMA, PALDI VILLAGE UDAIPUR
BADGAD, CHIKLIWAS, UDAIPUR
UDAIPUR
RAJASTHAN - 313026
PH. NO : 7296942088



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

GAURAV SHARMA

for successfully completing the course

Principles and Applications of Building Science

with a consolidated score of **55** %

Online Assignments	19.17/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **40**


Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Aug 2021
(4 week course)


Prof. Priiti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21AR15S24410286

To validate and check scores: <https://nptel.ac.in/noc/>

3.9 Online Course-DJ



3.10

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CE40S34520036
To
GAURAV SHARMA
35, GAURAV SHARMA, PALDI VILLAGE UDAIPUR
BADGAD, CHIKLWAS, UDAIPUR
UDAIPUR
RAJASTHAN - 313026
PH. NO :7296942068



Score	Type of Certificate
≥ 80	Elite+Gold
75-80	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

GAURAV SHARMA

for successfully completing the course

Design of Steel Structures

with a consolidated score of **70** %

Online Assignments	22.56/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 72


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CE40S34520036

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CE46544520203
To
AJAY NAGDA
18 TULSI NAGAR
BEDWAS BUS STAND
UDAIPUR
RAJASTHAN - 312001
PH. NO - 9978485545



Score	Type of Certificate
>=80	Elite-Gold
75-80	Elite-Silver
>=80	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

AJAY NAGDA

for successfully completing the course

Integrated Waste Management for a Smart City

with a consolidated score of **62** %

Online Assignments	17.63/25	Proctored Exam	44.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **670**


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CE46544520203

To validate and check scores: <https://nptel.ac.in/noc/>



3.13



3.14



Certificate no: UC-d08a7c08-8050-4676-a27e-6a09b03c3a6c
Certificate url: udemy/UC-d08a7c08-8050-4676-a27e-6a09b03c3a6c
Reference Number: 0004

CERTIFICATE OF COMPLETION

SPSS For Research


Instructors: **Bogdan Anastasiu**

Denis Jangeed

Date: **Nov. 11, 2021**
Length: **14 total hours**

FDP on Repair and rehabilitation of civil infrastructure by SWAYAM 12 Week Course

Certificate is Pending but Admit Card For Examination Is Attached Below

NPTEL		National Programme on Technology Enhanced Learning				
Hall Ticket For		Retrofitting and Rehabilitation of Civil Infrastructure - online				
Candidate Name	GAURAV D SHARMA					
Roll No	NPTELCE200904070190					
Date of Birth	07-10-1994					
Exam Status	No	Compensatory Time Required	No	Further Response		No
Exam Date	April 24, 2022					
Reporting Time	01:00 pm	Gate Closure	02:30 pm			
Exam Timing	02:00 pm	Shift	AN			
Test Centre Name	IGN Digital Exam - IGIT Dredt Model					
Head Centre Address	Regd. Institute P.O. Box 1000000, Arundel Nagar, Corporation Road, Hyderabad, India - 500004					
 NPTEL Coordinator						
NPTEL EXAM - APRIL 24, 2022 General Instructions for candidates: - AN (All timings mentioned here are in IST)						

3. Add-on /Certificate Course Completed by Faculty and Students:

1 Training program on National Intellectual Property Awareness Mission organized by **Intellectual Property Office, Govt of India** attended by Mr. Denis Jangeed.



2. Appeared in the 12-week NPTEL online course exam “Air pollution and control “ by Mr. Ajay Nagda.

NPTEL		National Programme on Technology Enhanced Learning		 NPTEL
Hall Ticket For		Air pollution and Control - online		

Candidate Name	Ajay Nagda					
Roll No	NOC22CE22534070006					
Date of Birth	02-09-1992					
PwD Status	No	Compensatory Time Required	No	Scribe Required		No
Exam Date	April 24, 2022					
Reporting Time	08:00 am	Gate Closure	09:30 am			
Exam Timing	09:00 am	Shift	FN			
Test Centre Name	IDN Digital Zone - IDZ Dholi Nagri					
Test Centre Address	Raghav Infotech D.C. Talk Compound Adarsh Nagar, Opposite Pacific University Near Transport Nagar, Air Port Road, Udaipur, Rajasthan, India - 313024					
 NPTEL Coordinator						


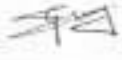

3 Appeared in the 12-week NPTEL online course exam “**Water and wastewater treatment**” by Mr. Ajay Nagda.

NPTEL		National Programme on Technology Enhanced Learning		 NPTEL
Hall Ticket For		Water and waste water treatment - online		

Candidate Name	Ajay Nagda					
Roll No	NOC22CE22534070006					
Date of Birth	02-09-1992					
PwD Status	No	Compensatory Time Required	No	Scribe Required		No
Exam Date	April 24, 2022					
Reporting Time	01:00 pm	Gate Closure	02:30 pm			
Exam Timing	02:00 pm	Shift	AN			
Test Centre Name	IDN Digital Zone - IDZ Dholi Nagri					
Test Centre Address	Raghav Infotech D.C. Talk Compound Adarsh Nagar, Opposite Pacific University Near Transport Nagar, Air Port Road, Udaipur, Rajasthan, India - 313024					
 NPTEL Coordinator						

4 Appeared in the 12-week NPTEL online course exam “REPAIR AND REHABILITATION OF CIVIL INFRASTRUCTURE” by Mr. GAURAV SHARMA.

NPTEL	National Programme on Technology Enhanced Learning	
Hall Ticket For	Retrofitting and Rehabilitation of Civil Infrastructure - online	NPTEL

Candidate Name	GAURAV SHARMA					
Roll No	NOC22CE20544370130					
Date of Birth	07-12-1994					
PwD Status	No	Compensatory Time Required	No	Scribe Required	No	
Exam Date	April 24, 2022					
Reporting Time	01:00 pm	Gate Closure	02:30 pm			
Exam Timing	02:00 pm	Shift	AN			
Test Centre Name	ION Digital Zone, IDZ Dhol Magri					
Test Centre Address	Raghav Infotech D C Tuk Compound Adarsh Nagar, Opposite Pacific University Near Transport Nagar, Air Port Road, Udaipur, Rajasthan, India - 313024					
 NPTEL Coordinator						

<p align="center">NPTEL EXAM - APRIL 24, 2022 General instructions for candidates - AN (All timings mentioned here are in IST)</p>
--

3. Add-on /Certificate Course Completed by Faculty and Students

4. Publication: (Paper in Journal or Proceeding/Patents /Books/Chapters

A Participated in Second **International Conference** on Sustainable Energy, Environment, and Green Technologies (ICSEEGT-2022) organized by Poornima College of Engineering, Jaipur, Rajasthan, India held from 24th to 25th June 2022 by Mr. Denis Jangeed. Certificate not received till date.



- A. Paper Presented in Second **International Conference** on Sustainable Energy, Environment, and Green Technologies (ICSEEGT-2022) organized by Poornima College of Engineering, Jaipur, Rajasthan, India held from 24th to 25th June 2022 by Dr. Sangeeta Choudhary. Certificate not received till date.



4.2 Patent: AI enabled robotic based fully autonomous construction



4.3

4. Publication: (Paper in Journal or Proceeding/Patents /Books/Chapters)

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Development of Eco-Friendly Permeable Concrete Utilizing Granite Cutting Sludge Waste

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— 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679,

Paul P. Werhane

Received: 2019-07-18

Received 10 June 2002; accepted 10 July 2002

11/27/2006 10:11:11 AM 11/27/2006 10:11:11 AM

Source

Solid industrialization began to take
form with the rapid industrial growth in
the 1920s. During this time in the
country, there were 2,000,000 workers



Assessment of mechanical and durability performance of ternary blended permeable concrete containing mechanical treated granite processing sludge waste

Yash Agrawal¹ · Trilok Gupta¹ · Manish Varma²

Received: 5 August 2021 / Accepted: 18 October 2021
© Springer Nature Switzerland AG 2021

Abstract

The large-scale production of cement for use in infrastructure development in emerging nations such as India poses a hazard to the environment. To conserve the environment, it is necessary for a researcher to investigate the use of industrial waste instead of natural resources for sustainable development. Granite processing sludge waste generated during the cutting of granite stone blocks into thin slabs, causing environmental problems and land degradation. This study aims to explore the use of granite cutting sludge waste as cement replacement in permeable concrete. In this study, cement is replaced by mechanically treated granite processing sludge waste at 0%, 5%, 10%, 15%, and 20% with silica fume (5%) in the development of ternary blended permeable concrete. In the experimental program, compressive strength, flexure strength, abrasion resistance, impact resistance, water absorption, and water permeability test were carried out to assess the impact of mechanical treated granite processing sludge waste in permeable concrete. As a result of various tests, it was found that 5% of mechanical treated granite processing sludge waste with 5% silica fume can be used as a fractional replacement of binder material cement in the production of the ternary permeable concrete. Therefore, mechanical treated granite processing sludge waste as a substitute of cement in a limited extent can be utilized to produce eco-friendly permeable concrete.

Keywords Permeable concrete · Granite processing sludge waste · Silica fume · Water absorption, wear resistance

Introduction

Modern techniques and mechanization in industries have emerged in the production of gigantic amounts of solid and atomic waste [1, 2]. The stone industry is one of the biggest commercial enterprises globally, which generates a lot of waste in different forms [3, 4]. The demand for cement has been rising exponentially in construction industries after the 90s. The high prices and pollution caused due to its manufacturing have proven to be a major stumbling block for construction industries. The production of cement constitutes 7–8% of the total CO₂ emission causing environmental pollution [5]. Sustainable and environmental-friendly

development is the need of the hour [6, 7]. Nowadays sustainable construction has become a major challenge for engineers because the construction sector is the largest consumer of natural resources and a large generator of waste. Hence, it is imperative to adopt different ways to develop green construction materials. Use of alternative waste materials will reduce the negative environmental impact [8]. The solid waste disposal problem can be obviated by utilizing waste in sustainable concrete [9]. Alternative material will help in cost reduction and energy-saving and less impact on the environment. Thus the production of green concrete from industry-generated waste material, which would have the same strength, remains a significant challenge for scientists and engineers [10]. Therefore, nowadays researchers are using different methods to modify the properties of the waste by adopting the physical, chemical, combined physical-chemical, and heat treatments to utilize it to a large extent [11–13]. In turn, both Yao et al. [14] and Sai et al. [15] used mechanical treatment method on different materials to increase the reactivity of the particles in concrete. Temsanjin et al. [16] carried out a study on the mechanically

✉ Trilok Gupta
trilokgupta@gmail.com

¹ Department of Civil Engineering, College of Technology and Engineering, MPSTET, Udaipur, Rajasthan, India

² Department of Civil Engineering, Oorja Institute of Technical Studies, Udaipur, Rajasthan, India

3. Add-on /Certificate Course Completed by Faculty and Students

1. Attend a Training program on NIPAM by Intellectual Property Office, India held on 17 may 2022 by Denis Jangeed



2. Complete 12 week NPTEL online course on “**Air pollution and control** “ by Mr. Ajay Nagda with silver medal and 5 % topper.



3. 2-Week MOOC course on Retrofitting and Rehabilitation of Civil Infrastructures by **GAURAV SHARMA** on SWAYAM.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CE20544370130
To
GAURAV SHARMA
B1, GAURAV SHARMA, POLDI VILLAGE USAPUR
BAGHAD, CHITAMP, USAPUR
CHITAMP
GAURAV SHARMA : 313006
PR. NO. 1000000000



No. of credits recommended by NPTEL:3

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Score	Type of Certificate
>=90	ElitenGold
75-90	ElitenSilver
>=60	Elite
40-60	Successfully Completed
<40	No Certificate



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)



This certificate is awarded to
GAURAV SHARMA
for successfully completing the course

Retrofitting and Rehabilitation of Civil Infrastructure

with a consolidated score of **65** %

Online Assignments	21.19/25	Proctored Exam	44.12/75
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Total number of candidates certified in this course: **206**


Prof. Jayanta Mukhopadhyay
Dean Online
IIT Kharagpur

Jan-Apr 2022
(12 week course)


Prof. Debjani Chakraborty
Chairman, NPTEL
IIT Manager



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE20544370130

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Surface Water Quality Trends and Regression Model through SPSS in Udaipur, Rajasthan

Sangeeta Choudhary¹, Jahnvi Sharma²

¹Associate Professor – Civil Engineering, Geetanjali Institute of Technical Studies

²UG – Civil Engineering, Geetanjali Institute of Technical Studies, Udaipur (Rajasthan)

Abstract: Surface water quality status and trend of Udaipur's main lakes namely, Fatehsagar, Pichola lake and Udaasagar has been identify through 10 years freely available online data collected from ENVIS Centre under on Control of Pollution of Water, Air and Noise. Water quality data was collected for the parameters like BOD, DO, pH, Conductivity, NN, Fecal coliform, Total coliform to determine the water pollution level and water treatment requirements. Overall water quality status has been improved during 2016 to 2019 due to waste water treatment plant. Udaasagar is most polluted lake among three lakes. Fecal coliform was suddenly increased in 2018 due to leakage of sewage line near the Pichola Lake. These lakes are interconnected and very useful for drinking, industrial, agricultural and tourism purpose and proper maintenance will be helpful for all dimensional growth of the city. A regression model for BOD was also developed for these lakes. Dependency of Temperature, pH, Dissolved oxygen, NN, Fecal coliform and Total coliform were checked on BOD through SPSS multiple regression analysis. It is found that only Temperature and Total Coliform affects the values of BOD. The variance analysis showed p-values is less than 0.05 and no multicollinearity was diagnosed, with VIF values of < 10.

Keywords: Surface Water, Regression, Water Quality, BOD, Total Coliform, Temperature.



IARJSET



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Indexed in Microsoft Academic, Google Scholar, Index Copernicus, NAAS Accredited Science Journal
Thomson Reuters ID 1-8545-2017



CERTIFICATE OF PUBLICATION

JAHNVI SHARMA

UG-Civil Engineering, Geetanjali Institute of Technical Studies, Udaipur (Rajasthan)

Published a paper entitled

Surface Water Quality Trends and Regression Model through SPSS in Udaipur, Rajasthan

Volume 8, Issue 10, October 2021

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Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105407

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Pooja Gupta of Professor, Department of Civil Engineering, Poomma Institute of Engineering & Technology Jaipur Rajasthan India

J.K. Sharma of Prof. & Director, Department of Civil Engineering, Rajkiya Engineering College Mainpuri Uttar Pradesh India

Sangeeta Choudhary of Associate professor, Department of Civil Engineering, Geetanjali Institute of Technical Studies Udaipur Rajasthan India

Raksha Rani Sanadhya of Lecturer, Department of Civil Engineering, Government Polytechnic College Kota Rajasthan India

Ketaki Moondra of (CH) and Head, Department of Design, Mundra Energies Udaipur Rajasthan India

Title of invention:

Novel Granular piles installation process in soft clays with the calculation using design Charts

Name of inventor(s):

Gupta, Pooja, Sharma, J. K., Choudhary, Sangeeta, Sanadhya, Raksha Rani and Moondra, Ketaki

Term of Patent:

Eight years from 13 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 17th day of November 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

**Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur**

ALUMNI TALK REPORT

NAME OF THE ACTIVITY: Alumni Talk

ACADEMIC SESSION: 2021-22

BASIC DETAILS OF THE EVENT:

Date & Time: 13-11-2021 & 1:00 PM Onwards

Place: Department of Civil Engineering, GITs, Udaipur.

Type of Event: Alumni Talk (Online Mode)

https://drive.google.com/file/d/1U7EpbW4baJFqr1D0K1SEYyqcrQyfhdc/view?usp=drive_web

ORGANIZED BY: Civil Engineering Department

PARTICIPANTS: 2nd, 3rd & 4th Year Students of CE Dept.

1. Objectives of the program:

The main objective of organizing alumni talk is to interaction between Students and Alumni who work at specific

2. Importance of the program:

Alumni can help students get placed at their respective organisations.

3. Photographs of the activity/event:

A. The photographs relating to this event are attached on the following link:-

**Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur**



Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur



Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur

Attended:

Mr. Ravi Sathar (Trainee Engineer, Pinnacle InfoTech Solution, Jaipur)

Submitted by:

1. Mr. Rajmukesh Sathar (Assistant Professor)
2. Mr. Denis Jangood (Assistant Professor)

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL21CE54S14410142
To
KAPIL KUMAR GAUTAM
PLOT NO 71 KUN/VIHAR COLONY
NAINWA ROAD NEAR OLD AGE HOME
BUNDI
RAJASTHAN - 323001
PH. NO -9783896826



Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KAPIL KUMAR GAUTAM
for successfully completing the course

Geotechnical Engineering Laboratory

with a consolidated score of **91** %

Online Assignments	25/25	Proctored Exam	65.82/75
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Total number of candidates certified in this course: **318**

Jul-Aug 2021
(4 week course)

Sridhar

Prof. Sridhar Iyer
Head COEP & NPTEL Coordinator
IT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21CE54S14410142

To validate and check scores: <https://npTEL.ac.in/noc/>

5.2 Denis Jangeed



8.1

INDUSTRIAL VISIT REPORT

NAME OF THE ACTIVITY: Technical Visit at Zonal Railway Training Institute, Udaipur

ACADEMIC SESSION: 2021-22

BASIC DETAILS OF THE EVENT:

Date & Time: 27-10-2021 & 10:30am -1:00 pm

Visit Place: Zonal Railway Training Institute, Udaipur.

Types of Event: Technical Visit

ORGANIZED BY: Civil Engineering Department

PARTICIPENTS: Final Year Students

1. Objectives of the program:

To provide knowledge of railway engineering and different operation of railways. To understand the working of railways and changes in railway systems from 1960 to Modern Era

2. Importance of the program:

In Civil engineering final year students have a course of Transportation Engineering (Railway Engineering) in which they are studying about the Railway by this visit; students acquire brief knowledge of different operation of railways. They have learned about the development of railway system from 1960 to Modern Era. Different models related to railways has seen by students and experienced practical working of railway system by different models.

3. Photographs of the activity/event:

A. The photographs relating to this event are attached on the following link:





Details of the event:

On the day of 27-10-2021, students visited the Zonal Railway Training Institute, Udaipur. At first they got the knowledge about the railway system from 1960 to Modern Era. Later on, they visited modal Room of Permanent way in which they saw different elements of permanent way like cross-section of rails, fish plate, splices etc. They got know about the working of railway system in India and different-2 operations like signalling, crossing. Students have also visited different-2 Model Rooms of elements of railway.

Expert name and details:

- Mr. N. K. Shrimali, Sr. Mechanical Instructor
- Mr. K. G. Soni, Transportation Assistant.

Outcome of the program:

- Students had learned about how different operation like track change, crossing, signalling works in railway system.
- Students got the knowledge about how brakes applied by rail.

8.2 AND 8.3

INDUSTRIAL VISIT TO RMC PLANT

Name of the event/activity: Industrial visit at JK Laxmi RMC plant

Academic session: 2021-22

Basic details of the event:

Date & Time: 27-10-2021 & 11:00 AM – 3:00 PM

Place: JK Laxmi RMC Plant Udaipur

Type of event: Industrial Visit

Organized by: Department of Civil Engineering

Participants: 3rd & 5th Semester Students (20 Students + 15 Students = 35)

Objectives of the program:

To illustrate the students about the processing at RMC and provide the student knowledge of building material (cement, sand, aggregates, M Sand), Quality assurance and Quality Management

Importance of the Program:

1. To aware the students about the ready mix concrete
2. Knowledge about M-Sand
3. Knowledge about AAC blocks
4. Various operations of concreting (Mixing, batching, placing, compacting etc.)
5. On site cube test and workability test by slump cone method.

Photographs of the activity/event:





**Details of the Event:**

On the day of 27-10-2021 students visited the JK LAKSHMI RMC PLANT. At first they got the brief knowledge about the company and RMC. Later on, they visited storage yard where different materials (cement, aggregates, m-sand, etc.) Required in the manufacturing of RMC had been stored. They got know about the manufacturing and processing of RMC Plant. Students have also visited the QA/QC department of the plant where they have got the knowledge about different testing machines and test procedures on RMC.

Expert name and details:

Mr. Dharmendra Kumar
Deputy Manager, JK LAKSHMI RMC plant unit
Mob. No. - 7340057590

Outcome of the program

On the completion of the visit, students will get knowledge about different kind of building materials and how they are composed together to get concrete mix (RMC). Also they got

the knowledge about uses of RMC and different tests that to be done on RMC mix to check the quality

News Coverage: Yes/NO



Submitted by: 1. Dr. Sangeeta Choudhary (Associate Prof.) 2. Mr. Rajanikant Suthar (Asst. Prof.) 3. Mr. Omkrishan Sharma (Asst. Prof.) 4. Mr. Denis Jangeed (Asst. Prof.) 5. Nikhil Kumawat (Technical Asst.)

**Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur**

INDUSTRIAL VISIT TO “MAHARANA PRATAP AIRPORT”

Name of the event/activity: Airport Visit

Academic session: 2021-22

Basic details of the event:

Date & Time: 30-11-2021 & 11:00 AM – 2:00 PM

Place: Maharana Pratap Airport, Dabok, Udaipur

Type of event: Industrial Visit

Organized by: Department of Civil Engineering

Participants: Final Year 7th Semester Students (33 Students)

Airport:

Airport, also called air terminal, aerodrome, or airfield, site and installation for the takeoff and landing of aircraft. An airport usually has paved runways and maintenance facilities and serves as a terminal for passengers and cargo.

Importance of the Program:

Airports are important to a community because they provide local businesses with access to the global market. They help retain and attract business to a community and thus provide jobs and economic prosperity for the area.

Details of the Event:

On receiving the letter of permission from Airport Authority of India, Dabok, Udaipur, Rajasthan, students of 7th Semester, Civil Engineering Department, GITS, along with faculties Mr. Rajanikant Sushar and Mr. Ajay Nigala went to Maharana Pratap Airport, Dabok on 30th November 2021.

Vision of Department

Create an academic ambience to develop civil engineering professionals with technical competencies to meet society and industry needs.

Mission of Department

1. To inculcate among students with fundamentals of basic sciences & engineering required for civil engineering.
2. To impart and empower the quality education required for development of the society and industry.
3. To provide state-of-the-art resources that contributes to ethical & congenial learning environment.

**Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur**

Students left the college premises at 10:30 am and reached the airport at 10:50 am, which is around 4 kms away from GITS. After issuing their airport entry ticket, students were guided by Ms. Vartika Chaudhary along with Airport terminal manager. He shared very useful information about how Civil Engineering is connected to Airport & several other factors which have to be kept in mind while take-off and landing of an airplane. He also mentioned various standards followed for runway pavement. While Ms. Vartika Chaudhary showed us various areas of airport such as Terminal building, Departure area, Arrival area, Control Tower, etc. She also gave extra information regarding the Maharana Pratap Airport. The visit ended at 2 pm and everyone returned back to college at around 2:15 pm. We extend our thanks to the management of AAI for permitting us to go on the visit. The visit was full of learning for everyone & indeed an educative one.

Photographs of the activity/event:



Group Photo

Vision of Department

Create an academic institution to develop civil engineering professionals with technical competencies in meet society and industry needs.

Mission of Department

1. To inculcate among students with fundamentals of basic sciences & engineering required for civil engineering.
2. To impart and empower the quality education required for development of the society and industry.
3. To provide state-of-the-art resources that contributes to ethical & congenial learning environment.

**Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur**



Airport



Taxiway

Contact details:

Airport Terminal Manager, Airports Authority of India, Maharana Pratap Airport, Dabok, Udaipur (Rajasthan)

Contact Number: 91-294-2655719

Vision of Department

Create an academic ambience to develop civil engineering professionals with technical competencies to meet society and industry needs.

Mission of Department

1. To inculcate among students with fundamentals of basic sciences & engineering required for civil engineering
2. To impart and empower the quality education required for development of the society and industry.
3. To provide state-of-the-art resources that contributes to ethical & congenial learning environment.

**Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur**

Outcome of the program

Students enriched their knowledge in Airport Engineering which is classified under Transportation Engineering.

News Coverage: Yes/NO- No

Submitted by:

1. Mr. Rajanikant Suthar (Assistant Professor)

8. Visiting Person/ Industrial Visit:

1. TECHNICAL VISIT AT PACIFIC INDUSTRIES LTD. :-

1.

NAME OF THE ACTIVITY:

FIELD VISIT AT PACIFIC INDUSTRIES LTD.

2. ACADEMIC SESSION: 2021-2022

3. BASIC DETAILS OF THE EVENT:

A. DATE: 18-04-2022

B. TIME: 10:00 AM -01:00

PM

4. PARTICIPENTS: Final

Year Students 2021-22 SESSION (2018-22

BATCH).

5. OBJECTIVES OF THE PROGRAM:

To provide knowledge of

STEEL STRUCTURES IN INDUSTRIES AND TO CONDUCT CASE STUDY ON WORKING AND DESIGN

OF GANTRY GIRDERS.

6. IMPORTANCE OF THE PROGRAM:

Students have seen

onsite components of steel structures with which they have to deal in terms of

their analysis and design in their theory syllabus. This visit will help the

students in visualising and sense the structural performance of different

components.

Also students have done

a case study on working of gantry girders which is an essential component of

steel structures based industry. The design and working of the same is in the

syllabus of DESIGN OF STEEL STRUCTURES course of their B. Tech Curriculum

7. PHOTOGRAPHS OF THE ACTIVITY/EVENT:

A. The photographs relating to this event are attached on the following

link:

8. EXPERT NAME AND

DETAILS:

· Er. Deepesh Sharma, Project In charge, Civil Dept.

Mr. Sher Singh, Assistant

Submitted by:

- 1) Mr. Gaurav Sharma, Designation: Assistant Professor
- 2) Mr. Ajay Nagda; Designation: Assistant Professor

Date of submission: 18-04-2022

9. (a)



9.1

Orientation program for 2nd Year Students 2020-24 Batch

Name of Activity -Orientation Program

Organized by -Department of Civil Engineering, GITs, Dehob

Conducted by -1st Year students

Date: 22 Sep. 2021

Introduction-

Department of civil engineering hosted orientation program for 2nd year (2020-24 Batch) and celebrated in high fervor by the faculties and students of the department. The organizing committee for the program invited respective Director Sir, Director IQAC, Finance controller and all HODs.

The major topic discussed

Dr. Vikas Mitta (Director, GITs) provided the cursory view of various dimensions of engineering and career opportunity in the field of civil engineering. Dr. Manish Varma head CE, GITs gave insight on how the civil engineering department works.

The program followed with different activities and at the end of the program prize distribute to winner and runner up students and vote of thanks by Mr. Prathvi raj sing student 2nd Year.

The following activities were involved in fruitful completion of the program.

Activities of the day -

Schedule of the program as per given below:

S. No.	Program	Time
1	Commencement of program by Students	11:00 - 11:10am
2	Sarvottam Vandana	11:10 - 11:20am
3	Welcome Speech by Dr. Sangeeta Choudhary (Asst. Prof.)	11:20 - 11:30 am
4	Speech by Dr. Vikas Mitta (Director, GITs)	11:30 - 11:40 am
5	Speech by Dr. Sankhita Jindal (Director IQAC, GITs)	11:40 - 11:50 am
6	Departmental presentation by Dr. Manish Varma (Head of Department)	11:50 - 12:10 pm
7	Lunch	12:10 - 1:00 pm
8	Activity	1:00 - 3:00 pm
9	Prize Distribution	3:00 - 3:30 pm
10	Vote of thanks by Student	3:30 - 3:40 pm
11	Refrainment	3:40 - 4:10 pm

Organization Committee -

Organization committee members of the program as per given below

S. No.	Committee	Committee members
1	Food	1. Mr. Om Prakash Sharma (Asst. Prof.) 2. Mr. Nishu Kaurawat (TA) 3. Harik Shuk (Student) 4. Anuradha Triwedi (Student) 5. Vijay Singh Deora (Dean)
2	Guest	1. Dr. Sangeeta Choudhary (Asst. Prof.) 2. Mr. Rajnikant Sathar (Asst. Prof.) 3. Mr. Rajul k. Gauran (Asst. Prof.) 4. Mr. Mihir Joshi (Asst. Prof.) 5. Aniket Bhatt (Student)
3	Stage Decoration	1. Mr. Ajay Nagda (Asst. Prof.) 2. Dhruvraj s. Rao (Student) 3. Pooja Chouda (Student) 4. Vikas Mitta (Student)
4	Sound Arrangement	1. Mr. Gauri Jaiswal (Asst. Prof.) 2. Anurag Kumar Chopra (Student) 3. Ramesh Kumar (Student)
5	Anchor	1. Ishani Sharma (Student) 2. Nisha Chandra (Student)

Orientation goal -

The main objective behind the conduction of orientation program was to welcome and address the students of second year about the functioning of civil engineering department.

Outcome -

The orientation program helped the students to identify the processes involved in civil engineering department; all students actively participated in the activities which boosted their confidence.

Activity Photo -



Orientation Program



Prize distribution



Group Photo

PICNIC REPORT

NAME OF THE ACTIVITY: Picnic @ Gupteshwar Mahadev, Udaipur

ACADEMIC SESSION: 2021-22

BASIC DETAILS OF THE EVENT:

Date & Time: 27-10-2021 & 12:00-3:30 PM

Visit Place: Titrdi, Udaipur

Types of Event: Picnic

ORGANIZED BY: Civil Engineering Department

PARTICIPENTS: All Civil Engineering Students and Faculty Members

4. Objectives of the program:

A college picnic is a wonderful way to maintain good and healthy relations. The specific departments can plan it. Picnic is a day when students enjoy. A college picnic can be planned to appreciate the students for a good performance in exams or a project.

5. Importance of the program:

Picnic gives students a temporary relief from their studies. After enjoying a picnic they feel fresh and renewed vigor. Every college arranges picnics for its students. The students will be happy as they would have a free day to enjoy themselves.

6. Details of the Event:

Students and faculty members of civil engineering department have visited Gupteshwar Mahadev temple near titrdi area Udaipur. Gupteshwar Mahadev temple is an old temple students have seen its architectural features .Various recreation activities have been performed by students. Faculty members and students have taken lunch over there. It was a wonderful picnic spot where everyone was touched by nature and spirituality.

. Research Project/Consultancy: Projects running/completed/Proposals Sent

A. Proposal Sent to MLSU for MoU by Dr. Sangeeta Choudhary

GITS/Director/0-02-06-01/730/22

Date: 29th June, 2022

To,
The Registrar
Mohan Lal Sukhadia University,
Udaipur - 313001

Subject: Request for MOU between Department of Geology, Mohan Lal Sukhadia University and Geetanjali Institute of Technical Studies, Udaipur

Dear Sir,

It is a matter of great pleasure and moment of pride to introduce 'GEETANJALI INSTITUTE OF TECHNICAL STUDIES' established in the year 2003, recognized by AICTE, Government of Rajasthan & Affiliated to Rajasthan Technical University, Kota. Our Research Cell was established with following aims:

- To create research environment for facilitating research activities in the college.
- To inculcate research skills and to develop interest and awareness about research among students and faculty
- To motivate staff members for collaborative research works with industries recognized laboratories and reputed institutions.

Collaboration between institutions is a necessity for innovation and national economic development. We would like to work with Department of Geology, Mohan Lal Sukhadia University on 'Surface and Ground Water Quality Assessment using GIS Techniques for Udaipur City Rajasthan'. It is our request to allow to execute a Memorandum of Understanding (MoU) between "Department of Geology" and "Geetanjali Institute of Technical Studies, Udaipur". This MOU will be purely for technical Collaboration without any financial obligation on any part. We look forward to working with you on this collaboration.

Thanks & Regards


Dr. Vikas Mishra
DIRECTOR

Contact Person:
Dr. Sangeeta Choudhary (Mo. No.- 9460946323)



As per 80th 200th 2001 criteria revised

Approved by AICTE and Government of Rajasthan. Affiliated to Rajasthan Technical University, Kota.

7. Photographs of the activity/event:

B. The photographs relating to this event are attached on the following link:



Submitted by:

1. Mr. Kapil Kumar Gautam (Assistant Professor)
2. Mr. Gaurav Sharma (Assistant Professor)

3. Mr. Ajay Nagda (Assistant Professor)
4. Mr. Rajanikant Suthar (Assistant Professor)
5. Mr. Denis Jangeed (Assistant Professor)
6. Dr. Sangeeta Choudhary (Associate Professor)
7. Mr. Nikhil Kumawat (Technical Assistant)



UltraTech Cement Limited

Cordially invite you for an Online Technical Lecture on

“Constitutive Relationship of Concrete”

By Eminent Speaker



Dr. Shiwanand Suryawanshi
M.Tech. & Ph.D. (IIT Roorkee)
Associate Professor
Department of Civil Engineering
S. V. National Institute of Technology Surat

Thursday, 30th Sep. 2021, 7:00 PM onwards

The above program will be on Zoom, request everyone to Join the program via Zoom link which shall be sent to you via mail/whats app.

Meeting ID: 956 4759 8793 Password: 878839

- A. Industrial Visit ‘Smart City Projects Udaipur’ Conducted by Dr. Sangeeta Choudhary, Mr. Gaurav Sharma & Mr. Denis Jangeed



9. Student Club Activity

News Letter

From Editor's Desk

Greetings to faculties, students and friends!

It gives me an immense pleasure in bringing out the next issue of our Departmental News letter "CIVIL" [2021-22] under the leadership of Our Honorable Director Dr. Vikas Mishra.

I take this opportunity to thank the Director, Our H.O.D, editorial team and all other staff members, for their continuous co operation and support in publishing this newsletter.

I hope that this newsletter shall provide a brief report of all activities conducted by staff and students of Civil engineering department during this Session.

Editor's Team

Faculty Coordinators

(1) Rajnikant Suthar (Asst. Prof.)
(2) Dinesh Jangraol (Asst. Prof.)

9. Student Club Activity

10. Training organized for students

A Training Session on “Industrial Training” for Second Year Students by Mr. Denis Jangeed & Mr. Kapil Kr Gautam.

10.1

Value Added Certification IIIrd Semester Session 2021-2022

Name of Training -	Value added Certification
Organized by -	Department of Civil, GITS, Dabok
Conducted by -	Department of Civil, GITS, Dabok
Dates -	14/09/2021 to 28/09/2021
Total Duration -	15Days

Introduction-

The document on hand is a narration of the detail of the value-added training completed conducted and organized by department of civil, GITS in the training period by the students of third semester. during their training they were introduced about the basics of civil engineering.

About Training-

The main objective was to give an insight about the introduction to the field of civil engineering

- First day a pre-Evaluation test was conducted for students to gather the basic understanding of each student.
- Introduction of the training was conducted, and the scope of civil engineering covered by Dr. Manish Varma, the basic knowledge about the scope of civil engineering was covered.
- Afternoon stage a seminar was conducted by Dr. Sangeeta Choudhary on Mega structures in civil engineering in which modern monolith structures were explained.
- Measurement (Area & volume calculation) conducted by Mr. Om Krishan Sharma in which different methods to anticipate a particular area and volume.
In the afternoon session a fun activity was conducted by Dr. Sangeeta Choudhary & Mr. Kapil Gautam for students in which they were entertained.
- An auditorium visit was conducted by Mr. Mihir Joshi in which he shared glimpse on construction components in field of civil engineering.
- A training seminar was conducted by Mr. Denis Jangeed & Mr. Kapil Gautam carrier guidance to create awareness among the students for higher studies and Gate examination
- A training Seminar conduction on the relevance of understanding the concepts of Green and smart buildings by Mr. Gaurav Sharma.
- Training provided on Microsoft office works was conducted by Mr. Denis Jangeed explaining the relevance of different program MS word, MS excel, MS PowerPoint etc.
- A training Seminar on Building materials and components explaining students about the different materials involved in civil and construction engineering.
- To work on students personal development Training was conducted by Mrs. Deepika Sahu on letter writing and email drafting.
- Lastly a post evaluation test was conducted to analyse the student's skill-based learning.

Time Schedule:

The 15 day training was conducted; with this the training was conducted on 14/09/2021 – 28/09/2021.

Each day the session started at 09:30 am and end on 04:00 pm. Each day there was an hour lunch break at 12:00 pm.

Date	Time	Topic/Session	Trainer /Faculty
14-9-2021	9:30AM -12:00PM	Introduction of Training & Scope of Civil Engineering	Dr. Manish Varma
	1:30PM- 04:00 PM	Mega Structures in civil Engineering	Dr. Sangeeta Choudhary
16-9-2021	9:30AM -12:00PM	Measurement (Area & Volume calculation)	Mr. Om Krishan Sharma
	1:30PM- 04:00 PM	Fun Activity	Dr. Sangeeta Choudhary& Mr. Kapil Gautam
17-9-2021	9:30AM -12:00PM	Measurement (Area & Volume calculation)	Mr. Om Krishan Sharma
	1:30PM- 04:00 PM	Auditorium Visit	Mr. Mihir Joshi
18-9-2021	9:30AM -12:00PM	Measurement (Area & Volume calculation)	Mr. Om Krishan Sharma
	1:30PM- 04:00 PM	Awareness about higher studies &How to prepare about GATE Exam	Mr. Denis Jangeed& Mr. Kapil Gautam
20-9-2021	9:30AM -12:00PM	Green & Smart Buildings	Mr. Gaurav Sharma
	1:30PM- 04:00 PM	MS Office (Word)	Mr. Denis Jangeed
21-9-2021	9:30AM -12:00PM	Green & Smart Buildings	Mr. Gaurav Sharma
	1:30PM- 04:00 PM	MS Office (Word)	Mr. Denis Jangeed
22-9-2021	9:30AM -12:00PM	Building Material & Components	Mr. Mihir Joshi
	1:30PM- 04:00 PM	MS Office (PPT)	Mr. Denis Jangeed
23-9-2021	9:30AM -12:00PM	Building Material & Components	Mr. Mihir Joshi
	1:30PM- 04:00 PM	MS Office (PPT)	Mr. Denis Jangeed
24-9-2021	9:30AM -12:00PM	Building Material & Components	Mr. Mihir Joshi
	1:30PM- 04:00 PM	MS Office (Excel)	Mr. Denis Jangeed
25-9-2021	9:30AM -12:00PM	Building Material & Components	Mr. Mihir Joshi

	1:30PM- 04:00 PM	MS Office (Excel)	Mr. Denis Jangeed
27-9-2021	9:30AM -12:00PM	Letter Writing & Email Drafting	Dr. Deepika Sahu
	1:30PM- 04:00 PM	Introduction about Delnet& J-Gate Plus Journals	Mr. Denis Jangeed
28-9-2021	9:30AM -12:00PM	Letter Writing & Email Drafting	Dr. Deepika Sahu
	1:30PM- 04:00 PM	Evaluation (Test). Conclusion of overall training & Feedback	Class Advisor/Training Coordinator

Training goal –

The main objective behind the training on “Total Station and Drone Surveying” is to get the delegates learn the essential of on Total Station and Drone – from start to end. Along with that, the students needed to understand what to focus when Surveying of big lands.





Outcome –

The training program was conducted successfully and all the participants took active part in all the one week of the training. The results from the pre and post evaluation (summarized below) show that there were concepts and topics which the students didn't know about before the training and after the training they could explain the topics.

Summary of Pre & Post Evaluation Form –

Various questions regarding training and basic concepts were asked through Pre & Post Evaluation forms to check the knowledge of students about Total station and Drone survey. Following points were observed-

- Students were not able to answer basic questions regarding civil engineering after completion of training they acquired a good knowledge about Civil engineering Industry.
- Before the training the students were not having the basic civil engineering knowledge and lacked the imagination and analysis.
- After training, the students were also able to understand the knowledge provided through the training.

Summary of Feedback form-

After the completion of training feedbacks were taken. Following are the feedbacks from students-

- Content was good and up to expectation according to students.
- Trainer was good communicator and knowledgeable on both instruments.
- During training interaction between students and trainer on problems was excellent.

Summary of Attendance-

1. Total Enroll students – 34
2. Consent given by students – 20
3. Total absentee - 14
4. Total students who has more than 40% attendance – 18
5. Total students who has less than 40% attendance – 18

Mr. Denis Jangeed
& Mr. Mihir Joshi
Training In-charge &
Class Advisor,
GITS, Dabok.

Dr. Manish Varma
Head of Civil Department
GITS, Dabok

SUMMARY OF VALUE AIDED TRAINING

Name of Training -	Value aided training
Organized by -	Department of Civil, GITS, Dabok
Conducted by -	Department of Civil, GITS, Dabok
Dates -	6 th September – 22 nd September, 2021.
Total Duration -	15 days.

Introduction-

The document on hand is a narration of the detail of the training on that was conducted by Department of Civil, GITS. The training was conducted at the GITS premises and the whole session lasted for 15 days.

The training was organized as to improve the technical skills of students of 2nd year (batch 2019-2023) Civil Engineering.

About Trainer & Schedule of training:-

The training is conducted by Department of Civil, GITS under the guidance of Dr. Manish Verma (Head of Civil Department). The 15 days training was conducted on fifteen consecutive days; with this the training was conducted on 6th September – 22nd September, 2021. Schedule of training is given below:-

Date	Time	Topic	Faculty
06-9-2021 to 10-09-2021	9:30 AM to 11:30 AM	Shear force and Bending Moment	Dr. Sangeeta choudhary & Mr. Kapil kr. Gautam
	1:30 PM to 04:30 PM	Practical works of surveying & Advanced surveying	Mr. Rajnikant Suthar & Mr. Mihir Joshi
13-9-2021 to 16-09-2021	9:30 AM to 11:30 AM	Practical works of concrete technology & Civil Engg. Material	Mr. Denis Jangeed & Mr. Ajay Nagda
	1:30 PM to 04:30 PM	Practical works of surveying & Advanced surveying	Mr. Rajnikant Suthar & Mr. Mihir Joshi
17-9-2021 to 22-09-2021	9:30 AM to 11:30 AM	Practical works of concrete technology & Civil Engg. Material	Mr. Denis Jangeed & Mr. Ajay Nagda
	1:30 PM to 04:30 PM	Practical works of fluid mechanics and hydraulics Engineering	Mr. Om Krishan Sharma

Training goal –

The main objective behind the training is to get the delegates learn the essential Knowledge related to shear force and bending moments , hands on practice of various surveying Instruments in various surveying operations & learn all practical works related to Concrete Technology.

Training Contents -

The following core concepts were covered in the training program:

- Basic Information about Shear force and Bending Moment.
- Application and hands on practice on various Surveying Instruments like auto level, Theodolite, compass, total station etc.
- Various Cement quality Assessments Tests like Fineness test, soundness test, consistency test etc. .
- Various Workability tests of Concrete.
- Quality Parameter tests of fine and Coarse Aggregate test.



Outcome –

The training program was conducted successfully and all the participants took active part in all the 15 days of the training. The results from the pre and post evaluation (summarized below) show that there were concepts and topics which the students didn't know about before the training and after the training they could explain the topics.

Summary of Pre & Post Evaluation Form –

Various questions regarding training and basic concepts were asked through Pre & Post Evaluation forms to check the knowledge of students about training content. Following points were observed-

- Before the training, due to covid, the classes of IV Semester were conducted through online mode, so the practical classes of all the subjects were done in theoretical manner. After this training, the students got an opportunity to work with the instruments in surveying and concrete technology which would help in increasing their technical proficiency.
- After training, the students were also able to perform all tests of concrete, aggregates, cement according Indian standard code.
- After training the students enhance their knowledge in shear force and bending moment topic. This will be helping full upcoming subjects related to structure analysis.

Summary of Feedback form-

After the completion of training feedbacks were taken. Following are the feedbacks from students-

- Content was good and up to expectation according to students.
- Trainer were good communicator and knowledgeable on subject.
- During training interaction between students and trainer on problems was excellent.

Summary of Attendance-

- | | |
|--|----|
| 1. Total Enroll students – | 32 |
| 2. Total students who has more than 60% attendance – | 20 |

Dr. Sangeeta Choudhary
Training In-charge &
Class Advisor,
GITS, Dabok.

Dr. Manish Verma
Head of Civil Department
GITS, Dabok.

11. Major facility additions

12. Any Other (specify)

A A Training Session on “Resume Writing” for Second Year Students by Mr. Kapil Kr Gautam



12.1

Report

We Department of Civil Engineering organise a small event for toppers and different students we invite them and take a group photograph with all our faculty.

Mr. Om krishan Sharma coordinated the event.

Date 27-09-2021



File: Group photograph

12 Any Other (specify)

(i) Guided and prepared to one team with three students for the first round of UltraTech Shining Star Contest held online on 14th Feb 2022. By Dr. Manish Varma

Nomination Form - UltraTech Shining Star Contest 2022					
College/University/Institute : GREENTANJALI INSTITUTE OF TECHNICAL STUDIES BILASPUR					
Name of Faculty Co-ordinator		Cell No.	E-mail ID		
Mr. Gaurav Sharma		7296942088	gauravsharma@iitb.ac.in		
Dr. Manish Varma		9118035804	manishvarma@iitb.ac.in		
Group	Name of Participant in Full	Cell No.	E-mail ID	Topic of the Presentation	Department
1	Arjun Singh Chauhan	9415725645	arjunsinghchauhan@iitb.ac.in	Cracks in Concrete and Remedial Measures	Civil Engineering
	Shubham Chak	9375827458	shubhamchak@iitb.ac.in		
	Arjun Singh	962005414	arjunsingh2001@iitb.ac.in		
2	Abhinav Shrivastava	9656402078	abhinavshrivastava@iitb.ac.in	Augmentation of Reinforced Concrete Laboratory Building for Central Provision	Civil Engineering
	Arjun Singh	9656402078	arjunsingh2001@iitb.ac.in		
	Arjun Singh	9656402078	arjunsingh2001@iitb.ac.in		
3	Arjun Singh	9656402078	arjunsingh2001@iitb.ac.in	Concrete in Reinforcing Steel and its consequences in concrete Construction	Civil Engineering
	Arjun Singh	9656402078	arjunsingh2001@iitb.ac.in		
	Arjun Singh	9656402078	arjunsingh2001@iitb.ac.in		
Approved by					
Name	Designation	Contact No.	Small Photo of the Participant		
Dr. Manish Varma	Director	9414144472	 Head of Institution		

(ii) Guided and prepared to one team with three students for the first round of UltraTech Shining Star Contest held online on 14th Feb 2022. By Mr Gaurav Sharma

UltraTech Shining Star - Preliminary Round Results		
<p>Group 1: Cracks in Concrete and Remedial Measures</p> <p>Group 2: Augmentation of Reinforced Concrete Laboratory Building for Central Provision</p> <p>Group 3: Concrete in Reinforcing Steel and its consequences in concrete Construction</p>		
Sl. No.	Participant Name	Rank
1	Arjun Singh Chauhan	1st Rank
2	Shubham Chak	2nd Rank
3	Arjun Singh	3rd Rank
4	Abhinav Shrivastava	4th Rank
5	Arjun Singh	5th Rank
6	Arjun Singh	6th Rank
7	Arjun Singh	7th Rank
8	Arjun Singh	8th Rank
9	Arjun Singh	9th Rank
10	Arjun Singh	10th Rank

(iii) Guided and prepared to one team with three students for the first round of UltraTech Shining Star Contest held online on 14th Feb 2022. By Mr Ajay Nagda

CASE STUDY:

WORKING OF GANTRY GIRDER IN STEEL INDUSTRIES

1. NAME OF THE ACTIVITY: case study at pacific industries ltd. On
“Working Of Gantry Girders In Steel Industries”.

2. ACADEMIC SESSION: 2021-2022

3. BASIC DETAILS OF THE EVENT:

A. DATE: 18-04-2022

B. TIME: 10:00 AM -01:00 PM

C. PLACE: PACIFIC INDUSTRIES LTD., BEDLA

D. TYPE OF EVENT (Academic/ Industrial Visit/ Cultural/Sports/ Social or Others):

CASE METHOD OF STUDY (CASE METHODOLOGY)

4. ORGANIZED BY: DEPARTMENT OF CIVIL ENGINEERING

5. PARTICIPENTS: Third Year Students 2019-23 Batch.

6. OBJECTIVES OF THE PROGRAM:

TO CONDUCT CASE STUDY ON WORKING OF GANTRY GIRDERS .

7. IMPORTANCE OF THE PROGRAM:

students have done a case study on working of gantry girders which is an essential component of steel structures based industry. The design and working of the same is in the syllabus of DESIGN OF STEEL STRUCTURES course of their B.Tech Curriculum

8. PHOTOGRAPHS OF THE ACTIVITY/EVENT:

A. The photographs relating to this event are attached on the following link:

B. E-mail (if any):

Approved by Receiver: NA

C. Attached along with this form: [YES]

9. DETAILS OF THE EVENT:

Students of department of civil engg. Have visited PACIFIC INDUSTRIES LTD. BEDLA, UDAIPUR. The industry works for dimensional stone industry. Learning about the Quartz and Granite processing units and the supporting industry structure was the objective of the study. Students have witnessed live working of gantry girders and operations of other industry units. The visit started under the guidance of Er. Deepesh Sharma, Project In charge, Civil Dept. Deepesh ji, instructed the students about careful design of steel industry components. Assistant Professor, Mr. Gaurav Sharma and Mr. Ajay Nagda, explained the on site established structure and its various components. Students have learned about, connections, base plates, gusset plate, column section, beam sections, girders, stringers, roof truss and its components and gantry girders.

EXPERT NAME AND DETAILS:

- Er. Deepesh Sharma, Project In charge, Civil Dept. Mr. Sher Singh, Assistant

- GUEST NAME AND DETAILS: NA

10. OUTCOME OF THE PROGRAM

- Better visualization about the steel structures, their analysis and design.
- Case study has been carried out to enhance the students knowledge in industry based steel structures.

11. POSITIONS/ AWARDS/ CERTIFICATE DETAILS OF THE PARTICIPANTS: NA

12. NEWS COVERAGE: YES/ NO- NO

If YES

Please attach the photographs of the news article along with other photographs of the events

Submitted by:

- 1) Mr. Gaurav Sharma, Designation: Assistant Professor
- 2) Mr. Ajay Nagda; Designation: Assistant Professor

Date of submission: 18-04-2022

12. Any Other (specify)

1. Duties and work assigned during NAAC Accreditation process by **All 8 Faculty Members of Department.**
2. FDP proposal for ALAt FDP AICTE

A A Training Session on “Resume Writing” for Second Year Students by Mr. Kapil Kr Gautam



3. Eight Students of final year are selected for Smart City Project Ltd. Internship Program
(Effort by Dr. Sangeeta Choudhary)
- 4.