Department of Civil Engineering

REPORT

on

Project Exhibition 15/03/2024
(As Part of ANNUAL TECHNO-CULTURAL FEST UTKARSH 2024)

Dated: 15-03-2024

Department: Civil Engineering

Venue: Block 2 Ground Floor

Objective: To check technical and creative skills of students through their models and project work Project Exhibition was organized by NEEV Society of Civil Engineering Department, named NIRMAAN., students has to select the theme of the model related to civil engineering technical topics.this event will help to express and communicate knowledge and concept provided in form of models

This report details the project exhibition by Team NEEV from Dr. Akhilesh Das Gupta Institute of Professional Studies (ADGIPS) during the college fest UTKARSH 2024. Team NEEV and students of Civil Engineering Department displayed 10 models for project exhibition.

Resource Person: Dr. Kavita Verma HOD Civil, Mr., Niharika Sharma, Ashish Juneja (Event Coordinators), Ula (General Secretary, Neev), Mohd Shuaib (Event Head, Neev)

Activities:

Outcomes: Students will enhance their presentation skills and creative skills by making innovative solutions to on going challenges and problems faced in Civil Engineering field.

Beneficiaries: Faculties and students of Civil Engineering Department.

Best Project & Models were displayed in Model Exhibition from 2nd, 3rd and 4th Year

Pankaj Kumar			4th	B.Tech (CIVIL)
Rahul Jha	Interlocking Permeable concrete pavement		4th	B.Tech (CIVIL)
Harsh			4th	B.Tech (CIVIL)
Yash Chaudhary	Measurement of undulations on road using		4th	B.Tech (CIVIL)
Aditya Pratap Singh	Nano Indicator : A compact and IoT		4th	B.Tech (CIVIL)
Vipin Kumar Gautam	technology based device.		4th	B.Tech (CIVIL)
Sarthak Vats			4th	B.Tech (CIVIL)
ABHISHEK PANT	Investigating the Properties of Eco-Friendly Concrete through Partial Substitution of		4th	B.Tech (CIVIL)
HARSHITA POKHRIYAL	Cement & Aggregates in Alkaline		4th	B.Tech (CIVIL)
Suraj	To enhance properties of papercrete block		4th	B.Tech (CIVIL)
Sangam Kumar	with addition of admixture		4th	B.Tech (CIVIL)
NATASHA BARUAH	Contour survey using total station and		3rd	B.Tech (CIVIL)
ULA AKRAM	theodolite		3rd	B.Tech (CIVIL)
ASHU BHARDWAJ	Translucent Concrete		3rd	B.Tech (CIVIL)
MOHD SHUAIB	Translucent Concrete		3rd	B.Tech (CIVIL)
PRIYANSHU VERMA		Civil	2nd	B.Tech (CIVIL)
AYUSH KUMAR		01111	2nd	B.Tech (CIVIL)
Siddhant Bhardwaj	Hydraulic bridge		2nd	B.Tech (CIVIL)
SHIVAM KUMAR			2nd	B.Tech (CIVIL)
Aakash			2nd	B.Tech (CIVIL)
ANSH GAUTAM			2nd	B.Tech (CIVIL)
LAKSHAY SINGH BEDI			2nd	B.Tech (CIVIL)
Snehit Kashyap	water purification system		2nd	B.Tech (CIVIL)
AAYUSH JOSHI			2nd	B.Tech (CIVIL)
MOHD MAAZ HASAN			2nd	B.Tech (CIVIL)
MOHD SAHIL SAIFI	.	-	2nd	B.Tech (CIVIL)
Vasu Sharma	Escalator		2nd	B.Tech (CIVIL)
Devanshu Sagar			2nd	B.Tech (CIVIL)
Shazid khan			2nd	B.Tech (CIVIL)
Sumit Kumar	rainwater harvesting		2nd	B.Tech (CIVIL)
Jahanvi Saraswat			2nd	B.Tech (CIVIL)

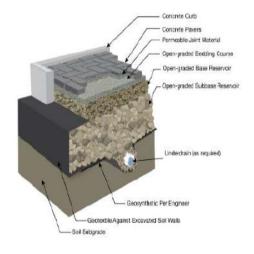
Key highlights of Projects:

The project, titled "Measurement of undulations on road using Nano Indicator: A compact and IoT based device," aims to revolutionize road maintenance practices. Leveraging Nano Indicator technology, this compact device provides precise measurements of road undulations in real-time. Integrated with IoT capabilities, it offers seamless data collection and analysis, facilitating proactive maintenance strategies. By detecting and addressing uneven surfaces early, the project contributes to enhanced



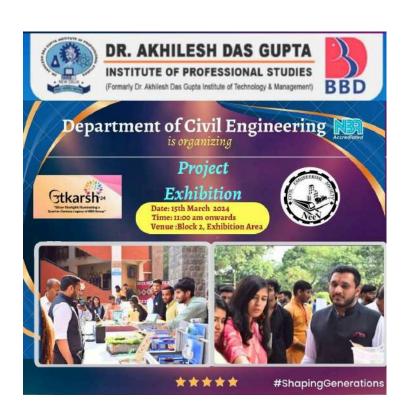
road safety and reduced maintenance costs. With its innovative approach, this project paves the way for more efficient and sustainable transportation infrastructure management.

Title of Project "Interlocking Permeable concrete pavement" Interlocking Permeable Concrete Pavement is a sustainable paving solution that offers numerous benefits for stormwater management and site utilization. The provides valuable insights into its composition, benefits, limitations, and characteristics, emphasizing the importance of hydrological design, structural design, construction, and maintenance considerations. consists of solid concrete paving units with permeable joints filled with aggregates, allowing water to freely enter the surface at high flow rates of up to 1,000 in./hr. The document outlines the components of , including bedding layers,



base materials, and geosynthetics, highlighting the diverse applications and limitations of this innovative pavement system. By following the guidelines and recommendations presented in the stakeholders can effectively implement to reduce runoff, improve water quality, and enhance site sustainability

The project, titled "Examining the Attributes of Eco-Friendly Concrete through Partial Substitution of Cement & Aggregates" The workability of concrete had been found to be decrease with increase RHA in concrete keeping the replacement of aggregates by 20% Clay Powder and 5% Glass Powder constant. Compressive strength increases with the increase in the percentage of Fly ash and Rice Husk Ash up to replacement (25% FA and 5% RHA & 20% Clay Powder and 5% Glass Powder) of Cement & aggregate in Concrete for different mix proportions. The maximum 28 days flexural strength was obtained with a combination of 25% fly ash and 5% rice husk ash including 20% Clay Powder and 5% Glass Powder mix.



Poster of the Event







Students explaining their work to Hon'ble Delegates









Glimpse of Event





Glimpse of Event



Department of Civil Engineering

REPORT

on

Brain Olympiad Quiz (As part of Annual TechnoCultural fest Utkarsh 2024)

Dated: 15-03-2024

Department: Civil Engineering

Venue: Smart Room 2003

Objective: On the spot questions are given and participants have to choose the best answer, spontaneous skills, quick decision making skills, and knowledge is tested in this event.

Resource Person: Mr., Niharika Sharma, Ashish Juneja (Event Coordinators), Mr. Parasrasm

Pandit (Assistant Professor), Ula (General Secretary, Neev), Mohd Shuaib

(Event Head, Neev)

Activities: Department of Civil Engineering, organized an event and the main motive was to check knowledge and creative skills of students through their question answer sessions. The event started at 11:00 am and the participants were from the civil engineering department. More than 20 students participated in this event of Civil Engineering and the best three winners were selected based on score.

Outcomes: The outcome of "Brain Olympiad", the competition includes recognition and awards for outstanding answering skills, increased visibility for participants, dissemination of information or ideas conveyed through the questions, and fostering a sense of creativity and engagement within the students.

Winners: 1st- Somay

2nd-Snehit

3rd- Kunal

Beneficiaries: Faculties and students of Civil Engineering Department.



Organizing Team Neev







Felicitating Winners of Event



Glimpse of Event



Department of Civil Engineering

REPORT

on

False Perception

Dated: 13-03-2024

Department: Civil Engineering

Venue: Geotech Lab (4002)

Objective: The primary Objective and purpose of an incident investigation is to establish what happened in order that we can prevent similar accidents occurring, improve safety and, most importantly, stop people from getting hurt and damage to Environment and property.

Resource Person: Mr., Niharika Sharma, Ashish Juneja (Event Coordinators), Ula (General

Secretary, Neev), Mohd Shuaib (Event Head, Neev)

Activities:

The Department of Civil organized False Perception event as part of Annual Techno Cultural Fest Utkarsh 2024. A crime scene was given with some clues to the participant by the organising team. Participant observed and investigated precisely in stipulated time duration of 15 min. Based on the proper observation and judgment crime scene was solved by participant and gave their opinion about crime scene. Then our organizing team analyzed the opinion of every participant and declared the winner based on correct explanation and tine duration.

Outcomes:

Winners False Perception:-

- 1) Siddharth Singh, Rohit Kumar Mahato and Diamond, Department:- Civil(T9),
- 2) Tanishka Aggarwal and Namrata giri, Department:- Cse (S2), 2nd year
- 3) Akash and Saurabh Singh Rawat , Department:- ME , 2nd yr and Civil, 4th yr respectively

Beneficiaries: Faculties and students of Civil Engineering Department.







Glimpse of Event



Department of Civil Engineering

REPORT

of

Seminar on "Innovation range of building material's in concrete & waterproofing for construction industry"

By

Ultratech Cement limited (Aditya Birla Group)

Dated: 19-02-2024

Department: Civil Engineering

Venue: Auditorium

Objective: To provide attendees with a comprehensive understanding of the properties, composition, and manufacturing processes of cement and concrete and also to delve into the latest advancements in cement and concrete technology, including innovations in materials, additives, and construction techniques

Resource Person(External): Mr., Vileen Sharma (RH-TCS Delhi),

Resource Person: Prof. (Dr.) Niranjan Bhattacharyya(Director) Dr. Kavita verma(HOD)

Niharika Sharma(Event Coordinators) Ashish Juneja (Event Coordinators),

Activities: Department of Civil Engineering, organized an event and the main motive was to explore sustainable practices in cement and concrete production, focusing on reducing carbon emissions, minimizing waste, and enhancing the eco-friendliness of construction materials. Mr. Vileen Sharma(RH-TCS Delhi) motivate and enlightens the civil engineering students about the practical implementation in industries and also highlighted the latest advancements in cement and concrete technology

Outcomes: The outcome of Seminar on "Innovation range of building materials in concrete & waterproofing for construction industry" was to get the practical knowledge and skills for proper handling, mixing, pouring, and curing of concrete, ensuring optimal performance and longevity of structures.

Beneficiaries: Faculties and students of Civil Engineering Department.



DR. AKHILESH DAS GUPTA

INSTITUTE OF PROFESSIONAL STUDIES

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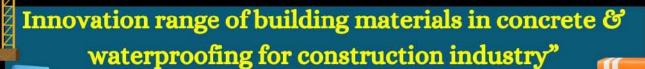
L+91 11 49905900-99



Department of Civil Engineering

Organizes

SEMINA





BY: MR. VILEEN SHARMA, RH-TCS DELHI

Date: 19-02-2024

Time: 2:30 pm onwards

Venue: Auditorium



#Shaping Generations





Glimpse of Event







adgipsdel



43 likes

adgipsdel Department of Civil Engineering organizes Seminar on "Innovation range of building materials in concrete and waterproofing for construction industry" by Mr. Vileen Sharma, (RH-TCS Delhi) Ultra Tech Cement Limited from Aditya Birla Group on 19th February 2024, 2:30 pm onwards.

Department of Civil Engineering

REPORT

on

Skill Development Programme for Government School Students

Dated: 16-02-2024

Department: Civil Engineering & Mechanical Engineering

Venue: Concrete Lab, Survey Lab, Transportation Lab, Environment Lab, Geotech

Lab, Hydraulics Lab and Workshops.

Objective: Students were enlightened with basic tests on various materials used in construction of buildings and roads, along with tests on water for environmental purposes. Awareness of civil engineering labs is essential for students, researchers, and professionals in the field as they provide valuable resources for learning, experimentation, and innovation in civil engineering practice. Additionally, collaboration between academia and industry often occurs in these labs, leading to advancements in technology and methodologies within the civil engineering field.

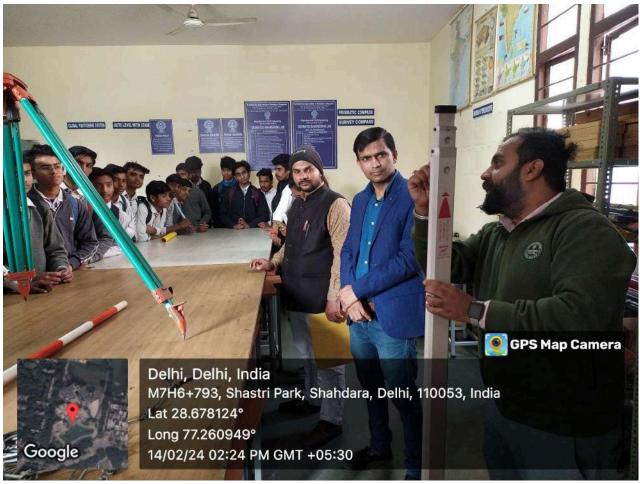
Resource Person: Prof. (Dr.) Niranjan Bhattacharyya (Director), Dr. Kavita Verma (Civil HOD), Mr. Neerja (Mechanical, HOD), Ms Niharika Sharma, Mr Ashish

Juneja (Event Coordinators),

Activities: Department of Civil & Mechanical Engineering, organized Skill Development program for government school students. All the students visited civil engineering and mechanical engineering labs and were highlighted with basic tests carried out in construction industry.

Outcomes: The outcome of the skill development program was to get an idea about ongoing practices and studies in the field of civil. In Hydraulics lab, students learned how pumps and turbines work. In addition to this students visited the Transportation lab, environment lab and survey lab where they learned about taking surveys of land, which equipment is used, tests on roads, cement mixing, and testing on the quality of water.









Glimpse of Skill Development Programme with students

Department of Civil Engineering

REPORT

01

Aakar 2.0 Technical Poster Making Event 12/02/2024

Dated: 21-02-2024

Department: Civil Engineering

Venue: Auditorium

Objective: To check technical and creative skills of students through their poster presentation, students has to select the theme of the poster related to civil engineering technical topics.this event will help to express and communicate knowledge and concept provided in poster form.

Resource Person: Mr., Niharika Sharma, Ashish Juneja (Event Coordinators), Ula (General

Secretary, Neev), Mohd Shuaib (Event Head, Neev)

Activities: Department of Civil Engineering, organized an event and the main motive was to check technical and creative skills of students through their self made poster presentation. The event started after college hours and the participants were from the civil engineering department. The theme of the event was to create technical posters related to civil engineering, participants presented their respective posters in front of judges gracefully and Judges evaluated their performance on the basis of their presentation, idea and creativity. More than 20 students participated in this event with various themes of Civil Engineering and the best three posters were selected as winners.

Outcomes: The outcome of "AAKAR 2.0", the poster competition includes recognition and awards for outstanding designs, increased visibility for participants, dissemination of information or ideas conveyed through the posters, and fostering a sense of creativity and engagement within the students. Additionally, the successful poster had also contributed to opportunities and professional development for participants.

Winners: 1st- Sanju

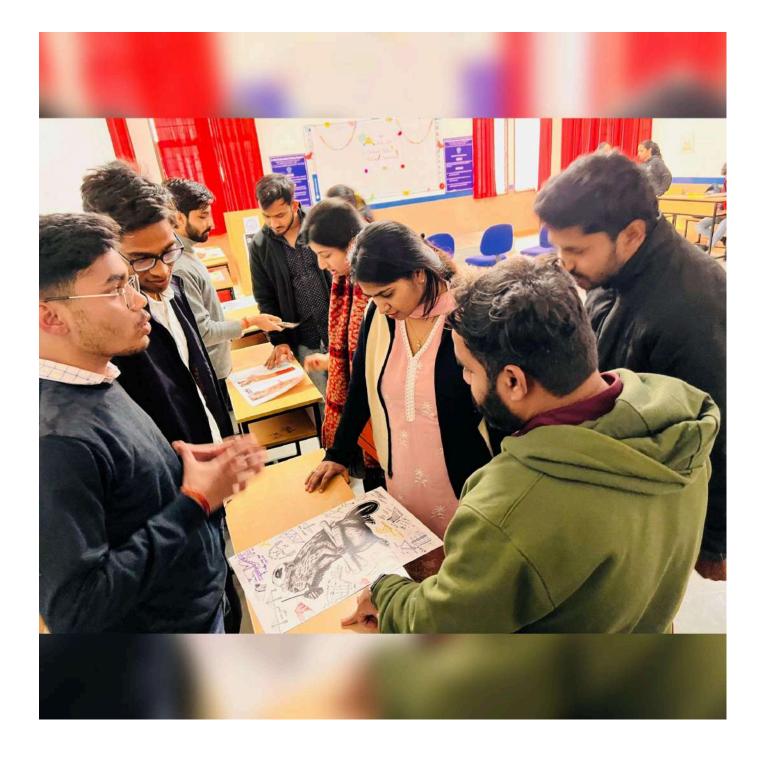
2nd- Lakshay Singh Bedi

3rd- Ansh Gautam

Beneficiaries: Faculties and students of Civil Engineering Department.













Glimpse of Event



adgipsdel













Liked by dr.kaviitaverma and 221 others

adgipsdel Department of Civil Engineering with its official society NEEV organized Technical Poster Making Event Aakaar 2.0 on 12th February 2023, 2:30 pm onwards. All students actively participated in the event and expressed their knowledge through technical posters based of various solutions of Civil Engineering Problems. Judges marked them based on presentation skills, creativity and technical content of posters & winners were announced. Our esteemed Director Sir, Prof. (Dr.) Niranjan Bhattacharyya encouraged all participants of the event and felicitated all the winners.

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

6 days Faculty Development Program on

Application of AI in Civil Engineering by Academics and Industrial Experts from 4th to 9th December 2023.

DATED: 4th to 9th December 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Auditorium, Google Meet

OBJECTIVES: To share knowledge and make faculties aware about ongoing upgradation in civil engineering and its applications in Artificial Intelligence. To increase creative skills and imaginative power to express their views and thoughts in terms of a presentation and question answer sessions. To build a gap between industry and academics.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Ashish Juneja (Neev Coordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized a 6 days faculty development program on "Application of Artificial Intelligence in civil engineering. More than 30 faculties actively participated in this program. Six Prominent speakers from industry and academics were speakers for various sessions. Below are the details of all prominent speakers

Date	Speaker	
04/12/2023	Mr. Abhishek Patel Lecturer Department of Electrical Engg. The London College, University of Derby	
05/12/2023	Dr. Nandan Dawda Assistant Professor CEPT University, Ahmedabad	
06/12/2023	Dr. Amit Kumar Department of Information Technology Associate Professor ADGIPS	
07/12/2023	Dr. Pinky Nayak Department of Information Technology Associate Professor ADGIPS	
08/12/2023	Dr Sangeeta Malik Associate Professor MAIT	
09/12/2023	Dr R P Singh Director New Delhi DataPoint Pvt. Ltd working in the area of Data Science ML AI and IOT and Robotics	

OUTCOME: Faculties were enlightened by various topics like Importance and Development of AI, Application of Fuzzy Logic in Civil Engineering, Introduction and Development of Artificial Intelligence in Engineering, Sustainable Technology for Peace in the world, Use of IOT in Engineering. Basic concepts of AI were explained and how this technology can be used in civil engineering for various projects.

Experts for the event: Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Ashish Juneja (Neev Cordinator)

Beneficiaries: All the faculties and staff.



Poster of Event



















Glimpse of 6 days FDP with Prominent Speakers and Faculty participants





Social Media Post

DR. AKHILESH DAS GUPTA INSTITUTE OF PROFESSIONAL STUDIES DEPARTMENT OF CIVIL ENGINEERING

"Workshop on Soil Testing using Standard Proctor Test"

DATED: 28th November 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Soil Testing Lab and Open Ground

OBJECTIVES:

Resource Persons: Prof. (Dr.) Sanjay Kumar (Director, ADGIPS), Dr. Kavita Verma (DI), Mr Parasram Pandit, Ms. Niharika Sharma (Event Coordinator), Mr. Ashish Juneja (Neev Coordinator)

ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized a class activity on soil testing using standard proctor test. How soil bearing capacity is calculated for soil was explained in this activity.

OUTCOME: Application and Implementation of SPT for Residential Building and Commercial Projects. How to export data and results in report form.

Experts for the event: Dr. Kavita Verma,Mr Param Pandit, Ms Niharika Sharma, Mr. Ashish Juneja, Ms Ekta Dwivedi



Glimpse of Soil Testing using SPT





Glimpse of Soil Testing using SPT

DEPARTMENT OF CIVIL ENGINEERING

INDUSTRIAL VISIT

BHARAT VANDANA PARK BY NBCC

DATED: 20th October 2023

DEPARTMENT: Department of Civil Engineering

VENUE: NBCC Bharat Vandana Park, Dwarka Delhi

OBJECTIVES: To share knowledge and make students aware about ongoing upgradation in civil engineering. To increase creative skills and imaginative power to express their views and thoughts in terms of a poster. To build gap between industry and academics.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Ashish Juneja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized Industrial Visit to Bharat Vandana Park, Dwarka All the students actively participated in the event. Total 60 students have visited the site. All the students actively participated.

OUTCOME: Construction of Column, Design of Footing and reinforcement detailing was explained. PURPOSE OF PROJECT-AS A TOURIST ATTRACTION AND HEALTH RECREATION CENTRE

TOTAL AREA COVERED-200 acre This area is divided into 10 pedals/zone

Experts for the event: Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Ashish Juneja (Neev Cordinator)













No of Students of Civil Engineering Department.

Social Media Post

DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

Techno-Utsav 3.0 (Nirman-Utsav 2.0)

"Challenge Your Potential 1.0"

DATED: 22nd September 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Football Ground

OBJECTIVES: This event aimed to enhance team-building, spontaneous decision-making and intellectual skills. Various physical tasks were given in a team of four in the stipulated time.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event Coordinator), Mr. Ashish Juneja (Neev Coordinator)

ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized Challenge Your Potential 1.0 event. 24 teams with 96 students actively participated in the event.

OUTCOME: Encourages creativity and thinking 'outside the box', developing new ideas and using unconventional methods. Thus, increase in morale, as well as an increase in productivity. enhance team-building, spontaneous decision-making, and intellectual skills.

Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Ashish Juneja

















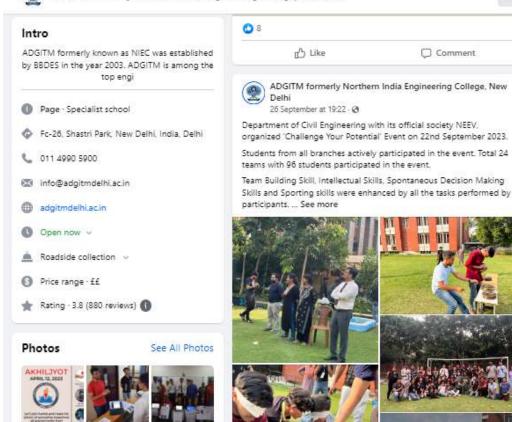


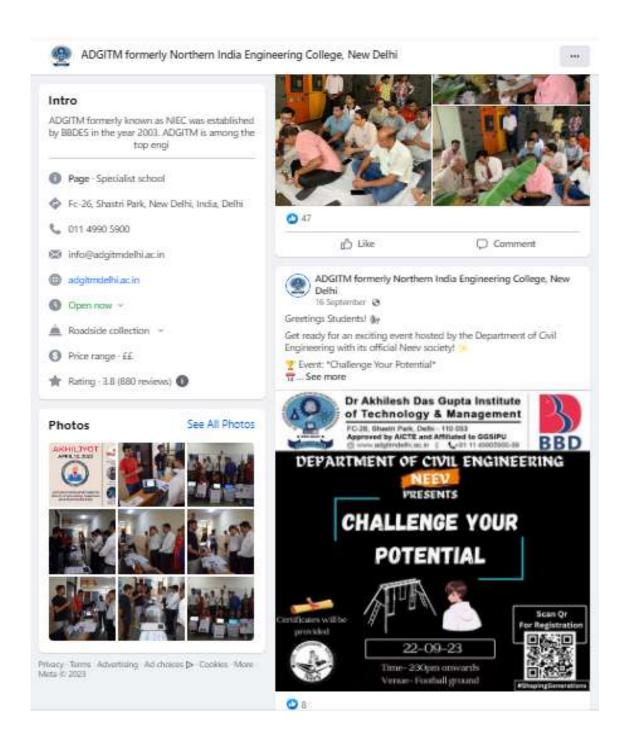
Glimpse of Event



ADGITM formerly Northern India Engineering College, New Delhi

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Social Media Post

DEPARTMENT OF CIVIL ENGINEERING

Techno-Utsav 3.0 (Nirman-Utsav 2.0)

"CAD-O-MANIA"

DATED: 12th October 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Computer Lab

OBJECTIVES: This event aimed to enhance AUTO-CAD Software Drafting Skills.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event

Coordinator), Mr. Ashish Juneja (Neev Coordinator)

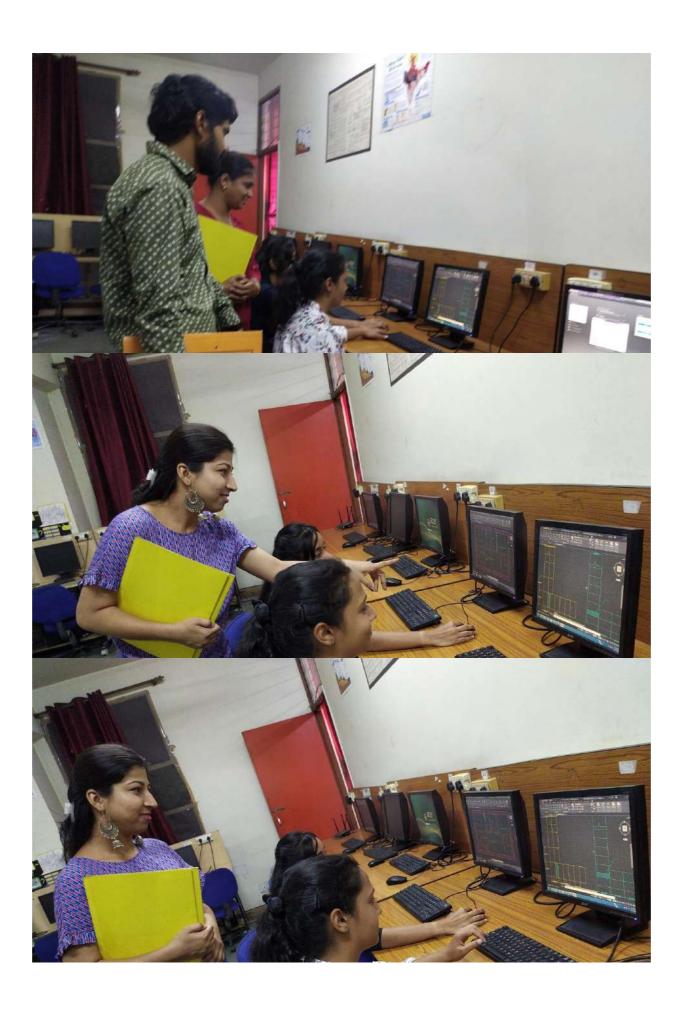
ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized Nirman Utsav 2.0, with the CAD-O-MANIA event. 16 students participated in the event On the spot dimensions of plan was given and within stipulated time a residential plan and elevation is to be completed.

OUTCOME: Encourages creativity and thinking 'outside the box', developing new ideas and using unconventional methods. Technical drafting skills, remembering commands, creative drafting skills were enhanced in this event.

Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Ashish Juneja **Beneficiaries**: All the students



Poster of Event





Glimpse of Event



Social Media Post

DEPARTMENT OF CIVIL ENGINEERING

Techno-Utsav 3.0 (Nirman-Utsav 2.0)

"Challenge Your Potential 2.0"

DATED: 12th October 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Cricket Ground

OBJECTIVES: This event aimed to enhance team-building, spontaneous decision-making and intellectual skills. Various physical tasks were given in a team of four in the stipulated time.

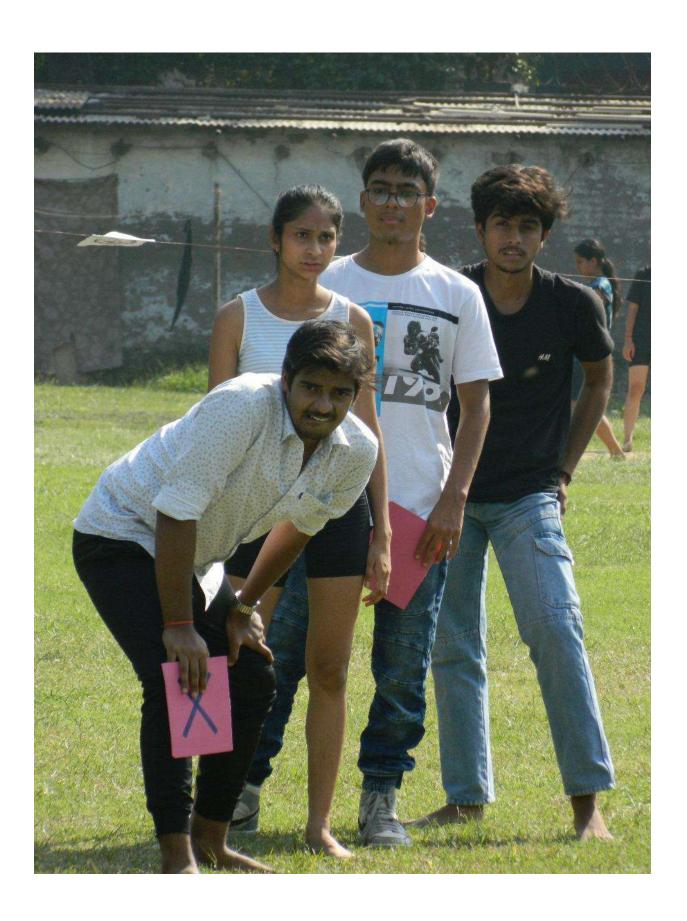
Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event Coordinator), Mr. Ashish Juneja (Neev Coordinator)

ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized Nirman Utsav 2.0, with a Challenge Your Potential 2.0 event. 26 teams with 124 students actively participated in the event.

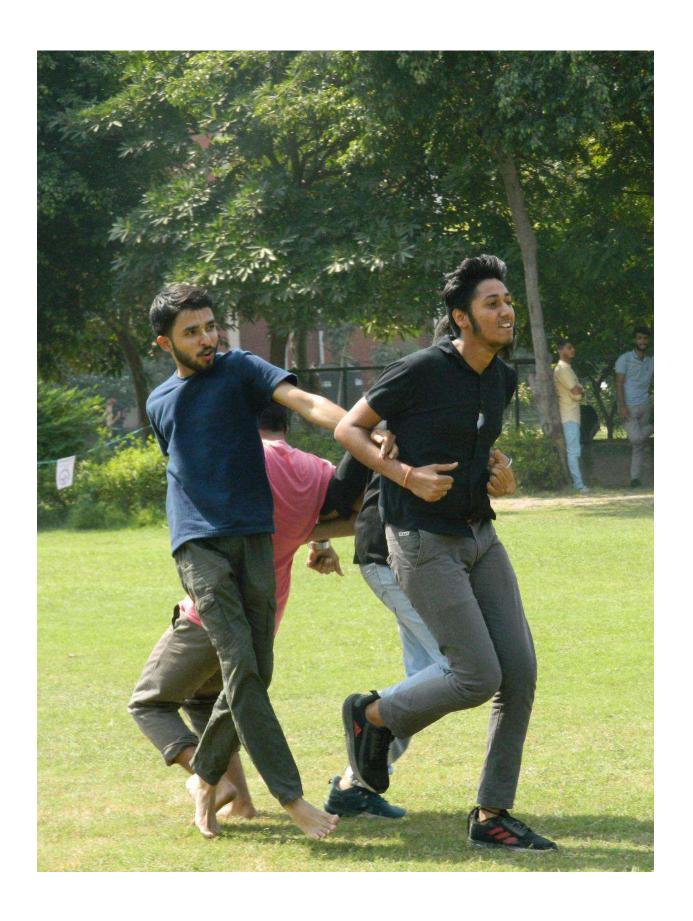
OUTCOME: Encourages creativity and thinking 'outside the box', developing new ideas and using unconventional methods. Thus, increase in morale, as well as an increase in productivity. enhance team-building, spontaneous decision-making, and intellectual skills.

Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Ashish Juneja

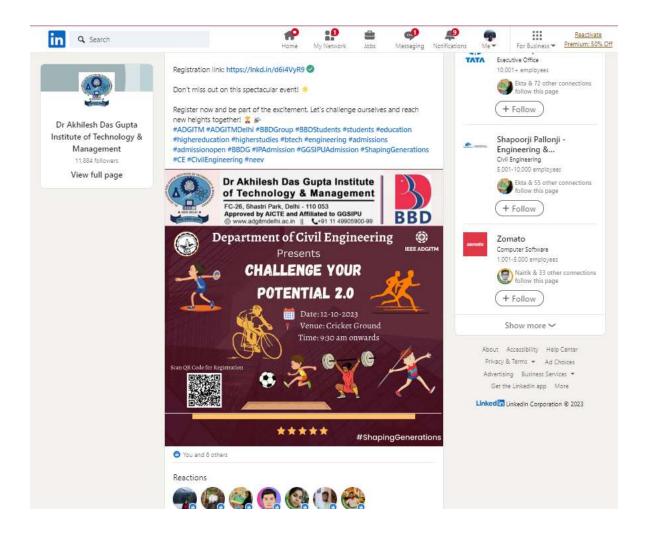








Glimpse of Event



Social Media Post

DEPARTMENT OF CIVIL ENGINEERING

Techno-Utsav 3.0 (Nirman-Utsav 2.0)

"SAP-TRONICS"

DATED: 13th October 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Computer Lab

OBJECTIVES: This event aimed to enhance SAP2000 analysis and designing Skills.

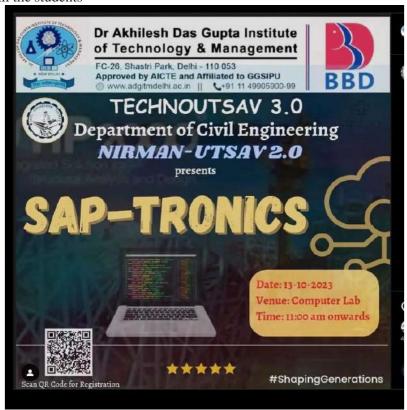
Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event

Coordinator), Mr. Ashish Juneja (Neev Coordinator)

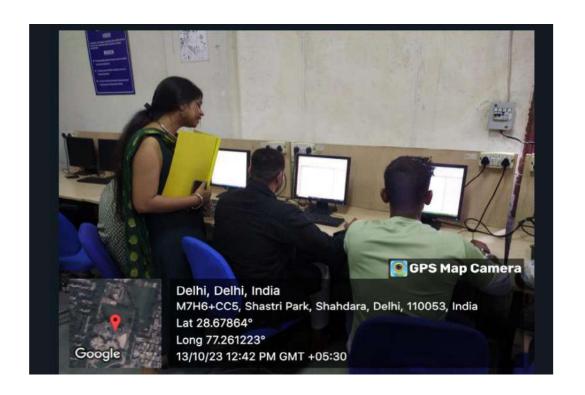
ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized Nirman Utsav 2.0, with the SAP-TRONICS event. 12 students participated in the event.

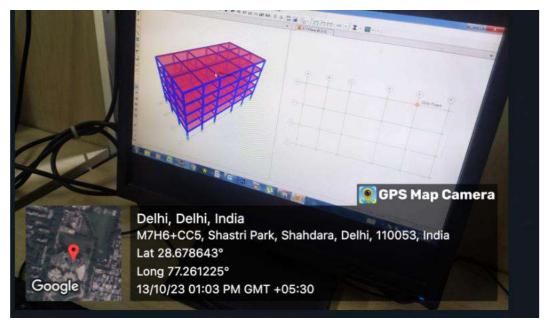
OUTCOME: SAP2000 software provides and increases ability to design and analyses RCC and steel structures. In this event students and all participants gained knowledge of time management and practical implementation of modelling of structural components with earthquake and wind load analysis.

Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Ashish Juneja



Poster of Event





Glimpse of Event



Social Media Post

DEPARTMENT OF CIVIL ENGINEERING

Techno-Utsav 3.0 (Nirman-Utsav 2.0)

"STAAD-O-THON"

DATED: 13th October 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Computer Lab

OBJECTIVES: This event aimed to enhance Staad Pro Software Model Making Skills.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event

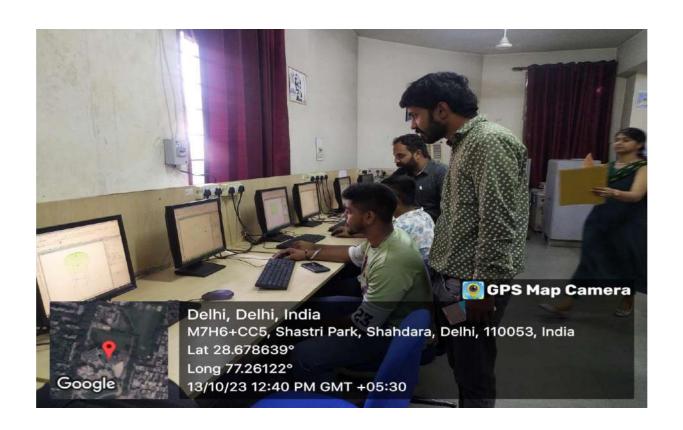
Coordinator), Mr. Ashish Juneja (Neev Coordinator)

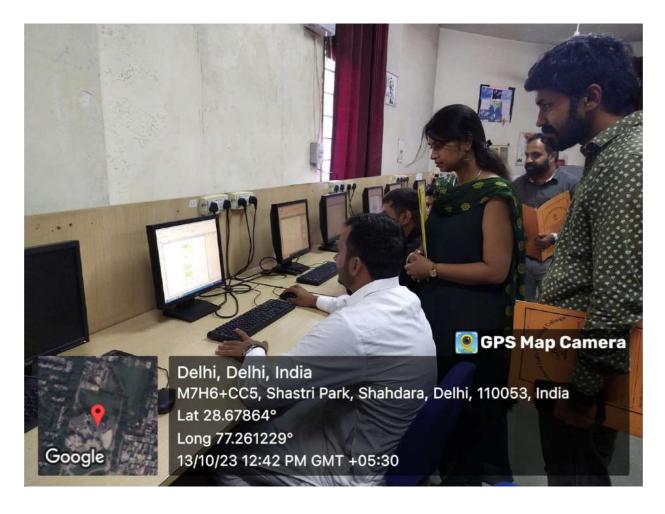
ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized Nirman Utsav 2.0, with the Staad-o-Thon event. 15 students participated in the event.

OUTCOME: Encourages creativity and thinking 'outside the box', developing new ideas and using unconventional methods. Thus, increase in morale, as well as an increase in productivity. enhance teambuilding, spontaneous decision-making, and intellectual skills.

Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Ashish Juneja









Glimpse of Event



Social Media Post

DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

Techno-Utsav 3.0 (Nirman-Utsav 2.0)

"Model & Project Exhibition"

DATED: 12th & 13th October 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Front Area Block 4 & 5

OBJECTIVES: The event encourages the students to showcase their project work and models. What are the objectives, need of study and what methodologies were adopted to achieve objectives of work. The main objective of the project is to learn research work and implement new innovative ideas that benefited to society.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event Coordinator), Mr. Ashish Juneja (Neev Coordinator)

ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized Nirman Utsav 2.0 Model & Project Exhibition for two days, More than 30 projects were displayed during the project exhibition.

OUTCOME: Encourages creativity and thinking 'outside the box', developing new ideas and using unconventional methods. Thus, increase in morale, as well as an increase in productivity. Clarity of thoughts and achieving good communication skills.

Experts for the event: Dr. Kavita Verma, Mr Parasram Pandit Ms Niharika Sharma, Mr. Ashish Juneja, Ms Ekta Dwivedi







Display of Models & Projects on Day 1 in front of Esteemed Panels.



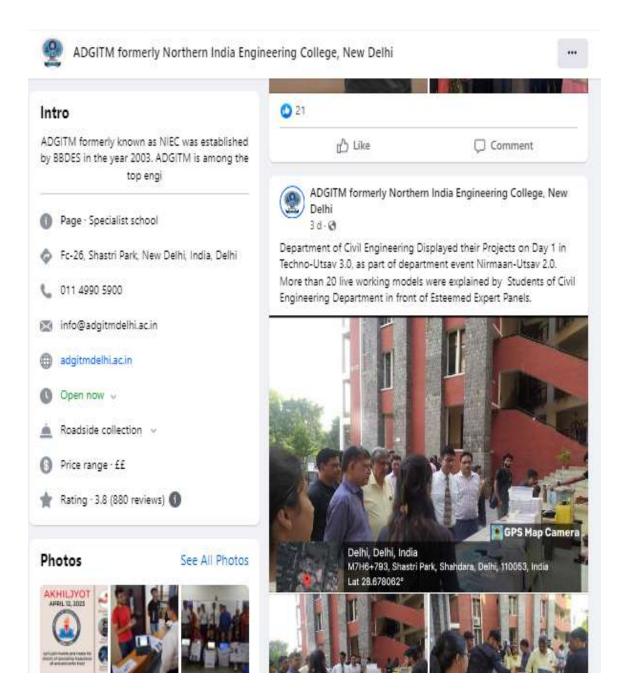








Display of Models & Projects on Day 2 in front of Esteemed Panels.



Social Media Post

DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

"Workshop on Building Information Modelling"

DATED: 26th August 2023

DEPARTMENT: Department of Civil Engineering

VENUE:Google Meet

OBJECTIVES: This event aimed to enhance team-building, spontaneous decision-making and intellectual skills. Various physical tasks were given in a team of four in the stipulated time.

Resource Persons: Mr Arhaz Alam Khan (Business Head & Coordinator), Ms Chaitali Kotwal (BIM Specialist), Ms Twinkle Kale (BIM Team Lead), Alpha BIM Engineers BIM Training & Consultants.

Prof. (Dr.) Sanjay Kumar (Director, ADGITM), Dr. Kavita Verma (DI), Ms. Niharika Sharma (Event Coordinator), Mr. Ashish Juneja (Neev Coordinator)

ACTIVITIES UNDERTAKEN: The Department of Civil Engineering (NEEV official society of civil engineering department) organized a Workshop on Building Information Modelling in collaboration with Alpha BIM Engineers BIM Training & Consultants. Basics of BIM Model was explained by experts of the session. Handson practice was given on how to draft plan and elevation level wise in BIM. More than 70 students participated in the workshop.

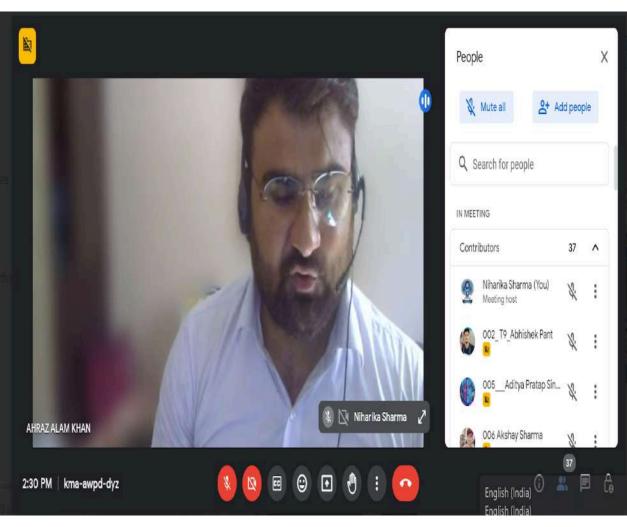
OUTCOME: Application and Implementation of Building Information Modelling for Residential Building and Commercial Projects. How to export data and results in report form. Estimation of total quantity of steel and concrete for various structures.

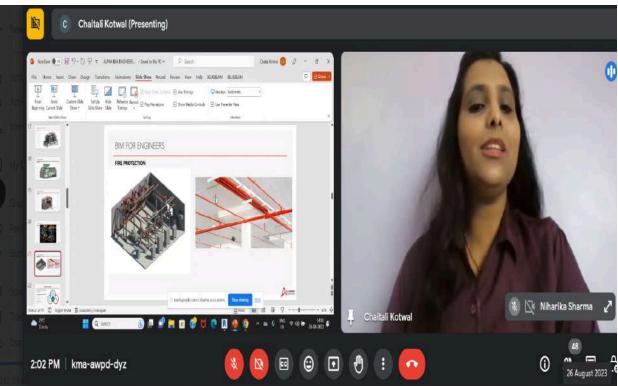
Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Ashish Juneja

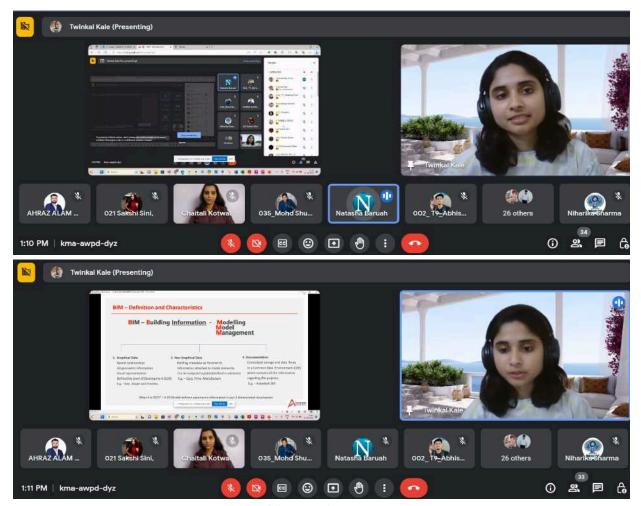
Beneficiaries: All the students



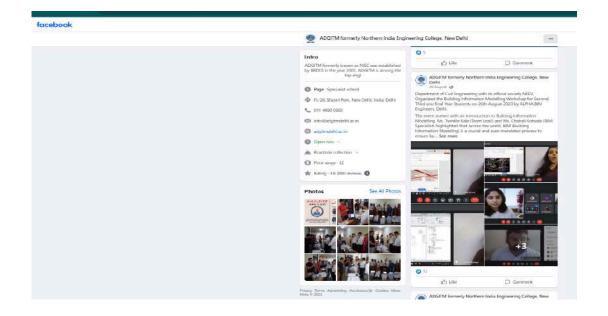
Poster of Event

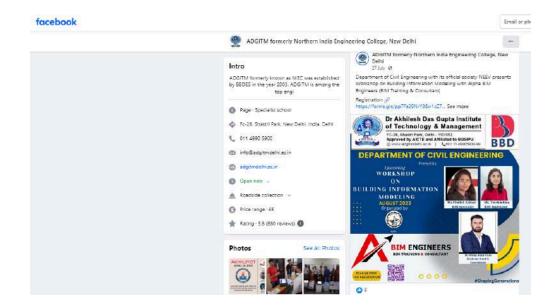






Glimpse of Event





Social Media Post

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

TECHNICAL POSTER PRESENTATION

DATED: 30th May 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Room no: 2003 Smart Room

OBJECTIVES: To share knowledge and make students aware about on going upgradation in civil engineering. To show applications of major project work in real projects. To increase creative skills and imaginative power to express their views and thoughts in terms of a poster.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized the Aakaar Technical Poster Making Competition on 30th May 2023, All the students actively participated in the event. Total 33 students have participated in team of three/four. All the students actively participated. All the winners were felicitated.

OUTCOME: Technical and aesthetic appearance of structures both are the pillar of civil engineering in this event students learned about the importance of aesthetics and architectural skills. Total No of Teams:11Total No of Participants: 33 sudents.

Judges & Experts for the event: Dr. Kavita Verma, Ms Shikha Sachan, Mr. Parasram Pandit, Mr Ashish Juneja, Ms Ekta Dwivedi.

Beneficiaries: All the students









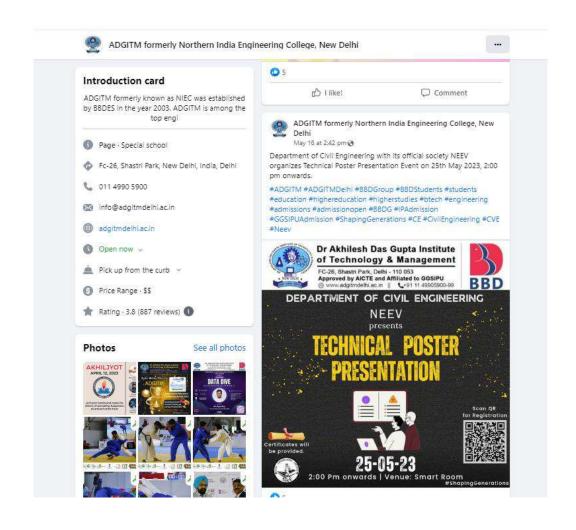




Glimpse of Event



Winners in Technical Poster Presentation Event, Students of Civil Engineering Department.



Social Media Post

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENTDEPARTMENT OF CIVIL ENGINEERING

Skill Development Program 10th May 2023

Department of Civil Engineering organized Skill Development Program on Basic Tests on Building Material on 10th May 2023.

The resource person Dr. Kavita Verma Departmental In charge and Mr. Ashish Juneja Assistant Processor explained about basic physical tests to be performed on Bricks, Cement and aggregates.

Slump Test was also performed to show basic characteristics of concrete and how much workable it is.







Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENTDEPARTMENT OF CIVIL ENGINEERING

CV writing Workshop 9th May 2023

Department of Civil Engineering with its official society NEEV organized CV writing workshop on 9th May 2023.

The session started with introduction of CV and Resume, What is its basic difference by Ms. Niharika Sharma Asst. Prof. Civil, What are the key point required in the CV as a fresher were also discussed. In addition to this How LinkedIn is helpful for present scenario of job searching was highlighted.

Ms. Ekta Dwivedi Asst. Prof. Civil shared the requirements of recruiter in form of Job Description. How CV has to be a dynamic one and it must be updated and changed timely. What are the tools and icons one can used for building CV was also discussed.

An activity of building own CV was also given to all the participants.















Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

"Expert Talk"

DATED: April 10, 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Auditorium

OBJECTIVES: The objective of organizing an 'Expert Talk' is to explore a particular subject through interacting with experts. These sessions provide a platform for students to express their ideas and views.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized the Expert Talk on "Career Opportunities after B.Tech (GATE & IES)" on April 10, 2023, students enthusiastically participated in the discussion.

OUTCOME: Students have learnt so many new things and information on which career they should go for, in order to achieve success in their life and were eager to grab the opportunity.

Total No. of Participants: 110 students.

Expert for the event: Mr. Ashcharya Bansal (Ex-IES)

Beneficiaries: All the students



Dr. Akhilesh Das Gupta Institute of Technology & Management



(Formerly Known as Northern India Engineering College) FC-26, Shastri Park, New Delhi - 110053

Department of Civil Engineering organizes EXPERT TALK



Career Opportunities After B.Tech
(GATE & IES)



Mr. Ashcharya Bansal

Ex-IES

Scan QR for Registration

10 Apr | 2:00 pm Venue : AUDITORIUM

@ @neev.adgitm

#ShapingGenerations











Glimpse of the event



neev.adgitm The Department of Civil Engineering organised an Expert talk on "Career Opportunities After B.Tech (GATE & IES)" by Mr. Ashcharya Bansal (Ex-IES) on 10th April 2023.

Students have learnt so many new things and information on which career they should go for to achieve success in their life.

Follow @neev.adgitm

Social Media Post

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

"TREASUREMANIA"

DATED: 29th March 2023

DEPARTMENT: Department of Civil Engineering

VENUE: College

OBJECTIVES: The goal of the treasuremania event is to bring a team together around a common goal, stretch their creative and problem solving minds, and have fun while finding all the items on their list. It teaches them to work together, interact with each other, understand what the other is saying and think about how to win the game as a team.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized the Treasure Hunt Competition on 29th March 2023, all the students actively participated in the event. Total 92 students have participated in team of four. All the students actively participated. All the winners were appreciated with certificates.

OUTCOME: Encourages creativity and thinking 'outside the box', also development of new ideas and the use unconventional methods. Thus increase in morale, as well as an increase in productivity. Total No. of Teams :19 Total No. of Participants: 90 students.

Judges & Experts for the event: Dr. Kavita Verma, Ms Niharika Sharma, Mr. Himanshu Bhardwaja Beneficiaries: All the students









Glimpse of Event



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Winners of the Treasuremania Event



Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

"BLOG-A-THON"

DATED: 9th March 2023

DEPARTMENT: Department of Civil Engineering

VENUE: Online platform

OBJECTIVES: To encourage and provide opportunities for research to the students having passion to write and research over the various issues.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized the Blog Writing Competition on 9th March 2023, all the students actively participated in this virtual event. All the winners were appreciated with certificates.

OUTCOME: It improves communication skills also improves focus and connects with oneself. Increases knowledge, creativity and imagination.

Total No. of Participants: 10 students.

Judges & Experts for the event: Ms Niharika Sharma, Mr. Himanshu Bhardwaja

Beneficiaries: All the students



Dr. Akhilesh Das Gupta Institute of Technology & Management









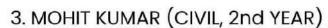


BLOG-A-THON WINNERS

1. RAHUL PUROHIT (MBA, 1st YEAR)



2. ABHISHEK PANT & HARSHITA POKHRIYAL (CIVIL, 3rd YEAR)





CONGRATULATIONS TO THE WINNER'S





Winners of the Blog writing competition

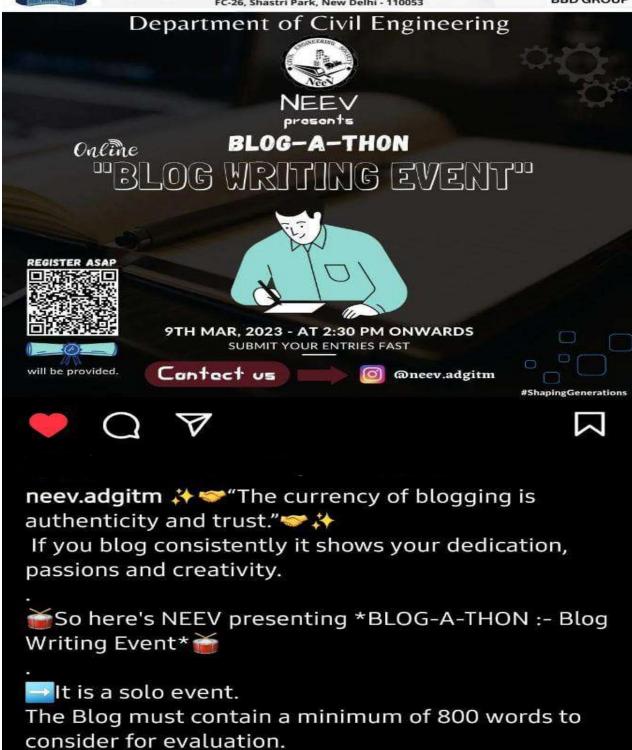




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DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

SURVEY CAMP – 2022-23

Dated: 24th February to 28th February 2023

Department: Department of Civil Engineering

Venue: Rishikesh, Uttrakhand

Objectives: To train the students about the different techniques and methods involved in surveying, as per the University curriculum.

Activities undertaken: Department of Civil engineering organized a five day "Survey Camp" for the students of third year T-9 and T-10 to understand and implement the knowledge of survey on the field in Rishikesh, Uttrakhand. The students learnt the working of instruments in the college campus under a training camp, from 20th February to 23th February 2023. The activites at the camp included the following:

- Selecting a traverse
- Division of students into groups
- Use of Instruments to efficiently survey the traverse
- Plotting the traverse onto the graph

Resource Person: Dr. Sanjay Kumar (Director), Dr. Kavita Verma (DI, Civil), Mr. Parasram Pandit (Survey Camp Coordinator)

Outcome: Young Engineers were benefitted by obtaining advanced knowledge of the advanced instruments such as total station and electronic theodolite. The camp also benefitted the students to understand the role of team work.

Beneficiaries: Students of third year (T-9 and T-10)



Students of T-9 and T-10 with faculty and staff memebers at the Survey Camp site















Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

DATED: 6th January 2023

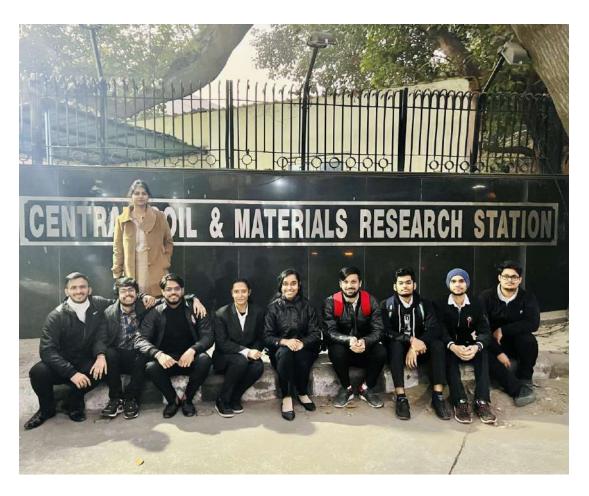
DEPARTMENT: Department of Civil Engineering

The Department of Civil Engineering organized Industrial Visit to Central Soil and Materials Research Station (CSMRS), Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Government of India, New Delhi on 6th January 2023.

It deals with field and laboratory investigations, basic and applied research, and problems in Geotechnical engineering, construction materials and allied fields relevant to river valley projects within India and neighbouring countries.

More than 15 laboratories were visited by students at Central Soil and Materials Research Station. Students gained knowledge through this visit, practical implementation of civil engineering, Live projects, sample collection from sites and material testing were explained.











Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

DATED: 23rd December 2022

DEPARTMENT: Department of Civil Engineering

Department of Civil Engineering organized Model Making Event - Nirmaan on 23rd December 2022 in Technotsav.



Interaction with Director Sir





Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

SEMINAR ON: EMERGING TECHNOLOGIES & CAREER OPPORTUNITIES

DATED: 21ST December 2022

DEPARTMENT: Department of Civil Engineering

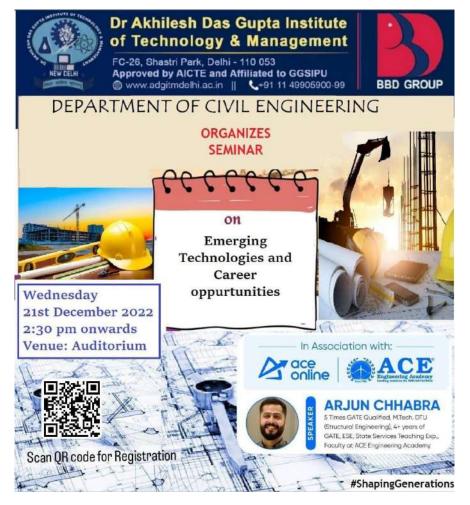
VENUE: Auditorium

OBJECTIVES: To share knowledge and make students aware about on going upgradation in civil engineering. To aware about the career opportunities after BTech. Also make them aware about various competitive exams for Masters and Government services.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized one day seminar on EMERGING TECHNOLOGIES & CAREER OPPURNITIES_All the students actively participated in the event. Total 100 students attended the session. It was also discussed that various technical and non technical jobs are available for civil engineers. Various PSU's like ONGC,BHEL,HP,NACL, ISRO, DRDO are actively recruiting civil engineering for upcoming projects. Skills required to be part of these PSU's was discussed.

Beneficiaries: All the students









Glimpse of Event



No of Participants in Seminar, Students of Civil Engineering Department.



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DEPARTMENT OF CIVIL ENGINEERING

ORGANIZES SEMINAR



on

Emerging Technologies and Career oppurtunities



Wednesday 21st December 2022 2:30 pm onwards Venue: Auditorium







RJUN CHHABRA 5 Times GATE Qualified, M.Tech. DTU (Structural Engineering), 4+ years of

GATE, ESE, State Services Teaching Exp., Faculty at ACE Engineering Academy

Scan QR code for Registration VI III















Liked by dr.kaviitaverma and 82 others

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View all 3 comments

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

TECHNICAL EXTEMPORE EVENT

DATED: 18th NOVEMBER 2022

DEPARTMENT: Department of Civil Engineering

VENUE: Room no: 2003 Smart Room

OBJECTIVES: To share knowledge and make students aware about opportunities in civil engineering. To increase communication and presentation skills of students. Learning actions for spontaneous tasks given for stipulated time.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized the Technical Extempore Event on 18th November 2022, All the students actively participated in the event. On the spot topics were picked up by the students and maximum of 10 min has been given to them to explain the topic. All the students actively participated. All the winners were appreciated with certificates and rewarded with prizes.

OUTCOME: The students overcome the Stage fear hesitation and nervousness through this Technical Extempore event. Students learned the way of expressing themselves. Code of conduct was increased through this event.

Beneficiaries: All the students & Faculties.







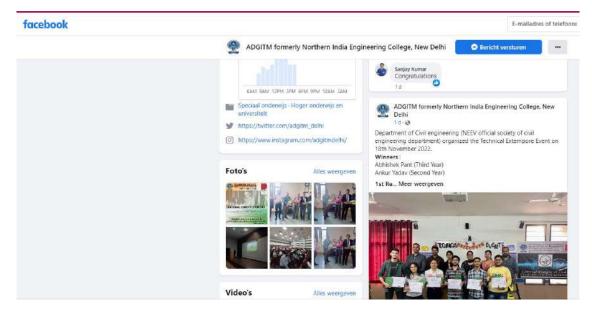


Glimpse of Event





No of Participants in Technical Extempore Event, Students of Civil Engineering Department.



Social Media Post

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF CIVIL ENGINEERING

WEBINAR ON "OPPORTUNITIES & SKILLS REQUIRED BY EMPLOYER IN CONSTRUCTION INDUSTRY"

DATED: 4TH NOVEMBER 2022

DEPARTMENT: Department of Civil Engineering

VENUE: Google Meet.

OBJECTIVES: To share knowledge and make students aware about opportunities in civil engineering. What are the needs of employer, which skills are required which software's are to be learned.

CHIEF GUEST: Mr. Parimal Marathe, Director & Founder Progressive Experts

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator)

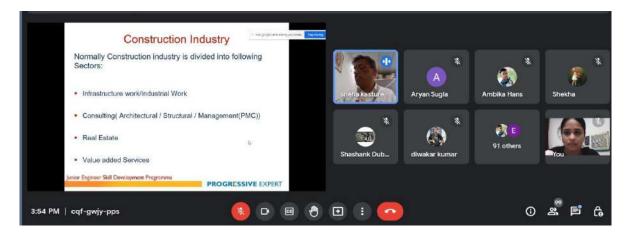
ACTIVITIES UNDERTAKEN: Mr. Parimal Marathe was welcomed and a brief introduction was given by Ms. Niharika Sharma, Asst. Prof. The session was started by given tribute to Sir Mokshagundam Visvesvaraya an eminent engineer. Career pattern in last decade, changes and demand of construction companies was highlighted by him. He also shared that construction industry is divided into various sectors like Infrastructure work/Industrial Work, Consulting, Real Estate, Value added services. He also mentioned for construction industry it is very important to learn Excel, Revit, AutoCad and Microsoft Project.

OUTCOME: More than 100 participants attended this webinar and this webinar was a confidence booster for all the students, they had an interactive session too with the expert. The students were very much motivated and inspired by the wise words and knowledge shared by Mr. Parimal Marathe.

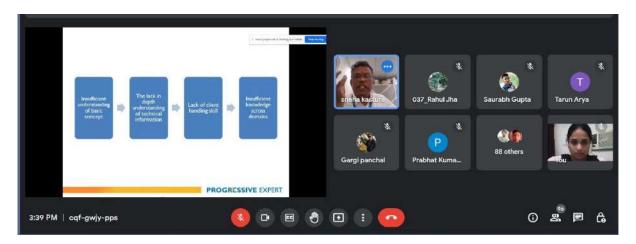
Beneficiaries: All the students & Faculties.

Poster of Webinar

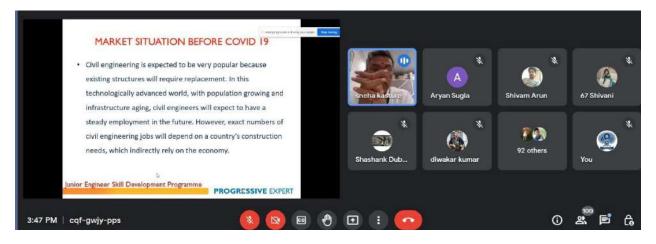




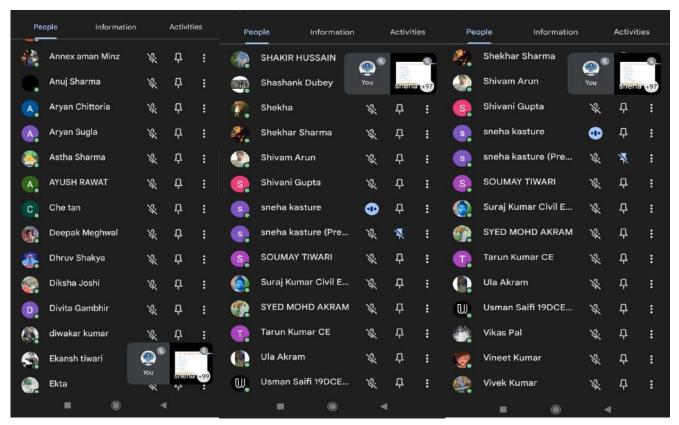
Glimpse of Event



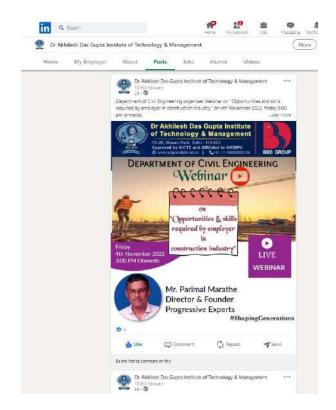
Glimpse of Event



Glimpse of Event



No of Participants in Webinar, Students of Civil Engineering Department.



Social Media Post

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

TECHNICAL POSTER MAKING EVENT

DATED: 30th September 2022

DEPARTMENT: Department of Civil Engineering

VENUE: Room no: 2003 Smart Room

OBJECTIVES: To share knowledge and make students aware about on going upgradation in civil engineering. To increase creative skills and imaginative power to express their views and thoughts in terms of a poster.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Dr. Kavita Verma (DI), Ms Niharika Sharma (Event Coordinator), Mr. Himanshu Bhardwaja (Neev Cordinator)

ACTIVITIES UNDERTAKEN: Department of Civil engineering (NEEV official society of civil engineering department) organized the Aakaar Technical Poster Making Competition on 30th September 2022, All the students actively participated in the event. Total 36 students have participated in team of three. All the students actively participated. All the winners were appreciated with certificates.

OUTCOME: Technical and aesthetic appearance of structures both are the pillar of civil engineering in this event students learned about the importance of aesthetics and architectural skills. Total No of Teams :13 Total No of Participants: 36 sudents.

Judges & Experts for the event: Ms Shikha Sachan, Mr. Parasram Pandit, Mr Ashish Juneja, Ms Ekta Dwivedi.

Beneficiaries: All the students









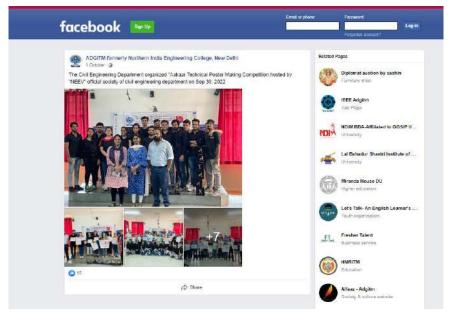




Glimpse of Event



No of Participants in Technical Extempore Event, Students of Civil Engineering Department.



Social Media Post

Dr. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

GUEST LECTURE

DATED: 9TH SEPTEMBER 2022

DEPARTMENT: Department of Civil Engineering

OBJECTIVES: To share knowledge and their practical application on various topics such as longest bridges ,tallest buildings, dams ,longest highway, new construction technology , new types of concrete used by the means of power point presentation by Guest Lecture and students.

CHIEF GUEST: Dr. Sameer Vyas, Scientist Central Soil and Materials Research Station, New Delhi.

ACTIVITIES UNDERTAKEN: (PHASE1) The ceremony begins with a brief introduction of our honorable chief guest Dr. Sameer Vyas sir, alongside to which he was warmly welcomed and felicitated with momento and a beautiful bouquet by our honourable C.E.O Shri S.N. Garg (ADGITM) and honorable Director Prof. Dr. Sanjay Kumar sir (ADGITM). (PHASE 2) After this, the groups presented their topics one by one and had a very brief and energetic Q & A session with our honourable chief guest and the faculty of civil, which was then followed by a really wonderful and insightful guest lecture by our respected chief guest. (PHASE 3) For the final phase of the program gifts and certificates were distributed, group with the best presentation was awarded, students who performed exceptionally well in the summer training program were also awarded, and finally all the students were given certificates for their successful completion of summer training program.

OUTCOME: This event was a confidence booster for all the students, they learned so many new things, everyone gave their best. The students were very much motivated and inspired by the wise words of our honourable chief guest.



Poster of Guest Lecture



Felicitating Chief Guest Dr. Sameer Vyas



Best Presentation award to students.





Glimpse of Event





Glimpse of Event



Glimpse of Event