



COLUMNS

A Biannual Newsletter Department of Civil Engineering February 2023 to July 2023

FACULTY

CO-ORDINATORS

Er. Surabhi Sharma, Asst. Prof.

Er. Prashant Thakur, Asst. Prof.

OUR TEAM

Akshit Sharma	Designer (4 th year)
Dheeraj Kumar	Designer (4 th year)
Nidhi Verma	Editor (4 th year)
Shubanya	Asst. Editor (3 rd year)
Bhaskar	Asst. Designer (3 rd year)
Anusha Gupta	Member (2 nd year)
Khushal	Member (2 nd year)
Shruti Pal	Member (2 nd year)

HOD's/OIC's MESSAGE

Er. Bedatrayee Saha

As we delve into the insightful world of "Columns", I'm thrilled to see our department's creativity and expertise come to life. Your contributions make this newsletter a masterpiece. Your stories, achievements, project updates, and research highlights keeps our content diverse and dynamic. Let's continue to inspire and learn from one another. Thank you for making "Columns" a true reflection of our department's brilliance.

NBA ACCREDITATION

In a significant achievement for JNGEC, the Department of Civil Engineering has secured the prestigious NBA (National Board of Accreditation) accreditation for a period of two years from 2023 to 2025. A rigorous three-day evaluation by a team from the NBA culminated in this noteworthy recognition. The accreditation serves as a testament to the high standards of education, research, and infrastructure that the department has maintained over the years.



With NBA Expert Team

INDUSTRIAL VISITS

•45 students from the 3rd and 4th year explored historical temples and monuments in Himachal Pradesh on a three-day educational tour from 20th to 22nd April, 2023 under the guidance of Dr. Kapil Dev A.P. and Er. Surabhi Sharma A.P.. The trip fused academic learning with hands-on exploration, delving into cultural and architectural nuances.



•M.Tech students of Batch 2022-24 undertook a comprehensive industrial visit to the Atal Tunnel and Larji Project under the guidance of Er. Pawan Kumar from 15th to 16th May, 2023. This educational excursion provided students with a nuanced understanding of tunnel construction, project management intricacies, and hydroelectric systems.



Faculty Data

Programs attended by faculty:

Dr. Madhu Sharma

- National workshop on Structural Equation Modeling: Advances in Research Methodology & Research Publication by Department of Humanities & Management, NIT-Jalandhar on 3th to 4th July, 2023.
- Online Event of User Awareness Programme on NDLI on 24th April, 2023.

Er. Bedatrayee Saha

- 2 week AICTE Recognized Faculty Development online Programme on Advanced Pedagogy on 6th to 17th Feb, 2023 by NITTTR Kolkata.
- Webinar on ChatGPT: Case study & examples on 19th Feb, 2023 by Career Point University.
- 2nd International online Conference on 'Emerging Scenario of Science, Technology and Innovation 2023' on 24th to 25th Feb, 2023 by Career Point University.
- Online Event of User Awareness Programme on NDLI on 24th April, 2023.
- One week STTP on Drinking Water Treatment Processes on 3rd to 7th July, 2023 by NITTTR Kolkata.
- 2 week FDP on Innovation and Latest Trends in Construction Materials and Techniques (ICT-39) on 17th to 28th July 2023 by NITTTR Chandigarh.

Dr. Kapil Dev

- 2nd International Conference online on 'Emerging scenario of Science, Technology and Innovation 2023' on 24th to 25th Feb, 2023 by Career Point University.
- National Workshop on Structural Equation Modeling: Advances in Research Methodology & Research Publication by Dept. of Humanities & Management, NIT-Jalandhar on 3rd to 7th July, 2023.

Er. Surabhi Sharma

- National workshop on Structural Equation Modeling: Advances in Research Methodology & Research Publication by Dept. of Humanities & Management, NIT-Jalandhar on 3rd to 7th July, 2023.
- 5 day E-workshop on MATLAB: Applications in Civil Engineering on 4th to 8th Aug, 2023 by NIT Hamirpur.



Faculty of Dept. of Civil Engg.

"Faculty Engagements Beyond Academia"

- Er.Surabhi, Er. Bedatrayee Saha and Dr. Madhu: Testing of construction materials for quality control of construction work at HPMC Jarol in Feb 2023.
- Dr. Madhu and Er. Surabhi: Testing of bolts and plates for quality control of construction of indoor multipurpose sports halls for HIMUDA in April 2023.
- Dr. Kapil Dev and Er. Prashant Thakur: Determination of bearing capacity for BBMB in August 2023.
- Dr. Kapil Dev and Er. Prashant visited Govt. ITI Chopal as experts for damage assessment of building due to landslides in June 2023.

Er. Prashant Thakur

- Online Event of User Awareness Programme on NDLI on 24th April, 2023.
- 6 day STC on Recent Advances in Transportation Geotechnics and E-Infrastructure Development on 10th to 15th July, 2023 by Indian Geotechnical Society with NIT Jalandhar.
- Sensitization visit with respect to Semi Conductor Ecosystem on 22nd to 26th August, 2023 in IIT Ropar and IIT Delhi.

Activities

- The Hon'ble Education Minister Mr. Rohit Thakur visited the department of Civil Engineering on 27th January, 2023.
- Students of M. Tech visited various civil engineering labs in IIT, Mandi on 6th March.
- An Intradepartmental Quiz & Declamation Competition "AGAMYA" was conducted on the celebration of Himachal Day on 19th April, 2023.
- On the occasion of National Technology Day, the department conducted an event of intra-departmental Technical Presentation and Competitive-exams Quiz named as "Sanrachana" on 11th May, 2023.
- Under the programme of Mass Mobilization on Mission Life (Life Style for Environment in H.P.), the department conducted an intra-departmental Presentation and Declamation competition on 29th May, 2023.



Visit of Hon'ble Education Minister



Visit of M.Tech Students to IIT Mandi



Departmental Event 'Agamyia'



Goodbye Batch 2019-2023

Seminars & Webinars

- A webinar was conducted on "Awareness session on MOOC by Spoken Tutorial" on 28th February, 2023 by Ms. Ankita Singh (Training Manager Spoken Tutorial) and Ms. Akanksha Saini.
- An Expert Lecture was delivered on "Mind Power Management" by Sh. Pramod Kumar founder of Divya Wellness Company on 4th March, 2023.
- UltraTech Cement Ltd. & Indian Concrete Institute, Chandigarh Centre cordially conducted a Webinar on the Topic-"Seismic Resilient India: Where Are We?" Expert Speaker- Dr. Ajay Chourasia, Chief Scientist and Head Structural Engineering & 3D Concrete Printing Division, CSIR-Roorkee.
- An expert lecture on "Developing entrepreneurship skills in students" was delivered by Sh. Rohit Verma Asst. Prof. MLSM college, Sundernagar on 25th April, 2023.
- A Webinar by Greater Noida Institute of Technology with ACE Engg. Academy, Delhi on "Career Opportunities after B.Tech" by Er. Arjun Chabra was conducted on 29th April, 2023.
- An Expert lecture on Job Interview and Communication Skills by Mr. Bhopesh, TEFL/TESOL on 3rd March, 2023.

Achievements

- Aman Bhardwaj (2020-2024) in his 3rd year qualified GATE 2023 with AIR 1638.
- Other GATE qualified students:
From 4th Year - Komal, Aman Soni,
Rittul Mamta, Balbir, Vaibhav Choudhary
From 3rd Year - Adarsh Arya
- Gaurav Kumar (2020-2024) joined BSF as Sub-Inspector
- Agamy- Quiz & Declamation Competition held on occasion of Himachal Day on 19th April, 2023.
Declamation Winner: Pallvi (2020-2024)
Quiz Winners: Divyansh, Susheel, Rohit (2020-2024)
- Sanrachna- Intradepartmental Paper Presentation and Quiz Competition held on National Technology Day on 11th May 2023.
Presentation Winner: Mukul (MTech 2022-2024)
Quiz Winners: Rohit, Krantiveer, Rubin (MTech 2022-2024)
- 14 students of batch 2020-2024 participated in Enviro-Ideation-Hackathon 2023 on Waste to Wonder conducted by HPPCB on 25th May, 2023.
Winning Team:-
Akshit Sharma, Nidhi Verma, Dheeraj Kumar (2020-2024)
Topic: Construction & Demolition waste management
- Two Groups of 5 students each participated in a technical event in which 'GREEN SORT' selected as winner in Twask Project Competition on 17th June, 2023.
Winners: Suraj, Susheel, Divyansh, Devender (2020-2024), Archit (2021-2025)
- Two teams of 6 students each participated in the event "Kavach 2023 Hackathon" in which Team "SEKUREE" selected as winner.
Winning Team: Anamika Rana, Nidhi Verma, Anamika, Dheeraj Kumar, Akshit Sharma, Ashutosh Vohra (2020-2024)
- Programme under Mass mobilization on Mission in HP, A Presentation & Declamation Competition is held on the topic of methodologies, strategies to be adopted for effective disposal of waste on 29th May, 2023.
Declamation Winner: Nidhi Verma (2020-2024)
Presentation Winner: Shubhanya (2021-2025)

<http://www.jngec.ac.in/civil/about.php>



Alumni Achievements

- Gagan Deep Founta (2013-2017) Entrepreneur: started his own firm "SnowBuild" at Shimla which deals with planning, design and construction of buildings.
- Akshay, Ashish (2015-2019), Vikram Sharma (2016-2020), Rachita Gupta (2017-2021) selected as Field Engineer in SJVNL Ltd. in July 2023.
- Akhil Rana (2016-2020) joined Ph.D at IIT Mandi.
- Anita Verma (2017-2021) joined Ph.D at IIT Delhi.
- Aditi Rana (2016-2020) who had pursued MS at IIT Mandi joined fully funded Ph.D programme in the School of Environment, Geography and Geosciences at University of Portsmouth, UK.
- Anish Pandit (2017-2021) joined Ph.D at IIT Bombay in joint collaboration with Monash University, Australia.
- Ritin Dogra (2018-2022) working as Consultant for Protiviti India Member Firm.
- 2019 - 2023 passout students joined M.Tech:
Pratiksha, Vaibhav : IIT Jammu
Balbir: IIT Kharagpur
Anmol, Deepanshu, Rajat Thakur: NIT Jalandhar
Komal, Nikhil, Vedant, Shubhanshu: NIT Hamirpur
Rittul Mamta: NIT Warangal
Hitender, Sachin: JNGEC Sundernagar
- Chand Nagpal (2019-2023) working as Technical Executive in Ultratech Cement Ltd.