

# COLUMNS

## NEWSLETTER

(2nd Edition)

**Department of Civil  
Engineering**

**2022**



## WORD FROM THE HOD



Dr. Madhu Sharma  
HOD  
Dept. Of Civil Engg.

Dear Students and Faculty of the Civil Engineering Department, I hope this message finds you well. I am thrilled to share that our department continues to flourish, and we have much to be proud of as we continue to push the boundaries of knowledge and excel in our field. I encourage everyone to take advantage of these opportunities to learn from and engage with our esteemed colleagues in the industry. As always, please feel free to reach out to me or any of the faculty members if you have any questions or concerns. Thank you for your dedication to the field of civil engineering and let's continue to strive for greatness!"

## FACULTY CO-ORDINATOR'S MESSAGE

I am excited to share with you the many achievements and accomplishments of our students in the past semester. Our students have been actively participating in various co-curricular activities such as sports competitions, technical workshops and events, and have also showcased their talents in cultural events. Our students have also been making the most of their academic experiences by participating in internships, competitions and excelling in their coursework. I am very proud of their dedication and hard work, and I look forward to continued success in the future



Er. Surbhi Sharma  
Faculty co-ordinator  
Dept. Of Civil Engg.

## VISION

To become a center of excellence, providing quality education & research for civil engineers with ethical standings for the socio-economic and sustainable development of the nation.

## MISSION

- Imparting knowledge with innovation through outcome-based education to produce globally competitive civil engineers.
- To promote intellectual, social, and ethical development of civil engineers for economic and social development.

## ABOUT THE DEPARTMENT

The department was established in the year 2010 with an undergraduate programme i.e.B.Tech in Civil Engineering under the DEPARTMENT OF TECHNICAL EDUCATION VOCATIONAL AND INDUSTRIAL TRAINING, HIMACHAL PRADESH. The department has well-qualified and dedicated faculty. Also, the department has established all the Civil Engg. Laboratories are well equipped with advanced machinery. The objective of the department is to prepare Civil Engineering students for a successful career in Industry, Research, and Academics with professional ethics to meet the needs of growing technology.

## Our Team

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Designer(3rd year)

Akshit Sharma  
Designer(3rd year)

**EXPERT LECTURES/ WEBINARS ORGANISED BY**  
**DEPT. OF CIVIL ENGINEERING**

S.No.	Topic of Expert Lecture	Resource Person	Dated
1	Expert lecture on Higher Studies in US	Dr. Vinayak Kaushal, Assistant Professor of Instruction, University of Texas, Arlington, USA	12/10/22
2	Workshop on Idea to Business Plan held in IIT Mandi	Mr. Raj Bhat, IIT Mandi	04/06/22
3	Exper Lecture on New Technology & Instruments used in Survey	Mr. Mayank Rana, AIMIL	07/05/22
4	Expert Lecture on New Technology & Instruments used in Survey	Mr.Mayank Rana, AIMIL Ltd., Chandigarh	06/04/22
5	Expert lecture on Awareness of Fire Safety and prevention and evacuation	Mr. Dinesh Sagar, Fire officer, BBMB colony Sundernagar	29/04/22
6	Expert lecture on Mathematical Modelling of Biological Trasnportation Phenomenon	Dr. Dharmendra Tripathi, Assistant Professor and Associate Dean (Faculty welfare and student welfare), NIT Uttarakhand	12/04/22
7	Expert lecture on Processing of natural fibres in Reinforced Composites	Dr. Pawan Kumar Rakesh Assistant Professor and Associate Dean (Research & Consultancy), NIT Uttarakhand	12/04/22
8	Webinar on Geotech (Civil Engineering)	Mr.Pavan Kumar Duggi Reddy, Faculty member ACE Academy	09/04/22
9	Webinar on Patents and Designs in Intellectual Property	Eminent speaker like Mr. Nitish Agarwal, Examiner of Patents and Designs in Intellectual Property office DPIIT, Ministry of Commerce and industry delivered the lecture	16/03/22

**Expert lecture by Dr. Vinayak Kaushal**



**Expert lecture by Mr. Mayank rana,  
AIMIL Ltd., Chandigarh 6/4/2022**



**Expert Lecture on Bentley Synchro4D software  
by GKC Consultants**



**Expert lecture by Dr. Mohammad Najafi**



## CIVIL ENGINEERING SOCIETY

CES was started under the guidance of faculty; in which around 120 students of Civil engineering from 1st to 4th year are registered. The society was inaugurated by the worthy Director/Principal of JNGEC, Sundernagar in October 2019. The main objective of civil society is to enhance technical skills through some technical and co-curricular events. Events conducted:

- Diwali Celebration
- Yoga Day Celebration
- Smash (sports meet)
- Expert lecture on Mind Power Management.

### Yoga Day Celebration 21st July, 2022

The international yoga day was celebrated to raise awareness about the ancient practice of Yoga. The association with the civil engineering society, NCC and NSS students faculty came forward and performed many warm-up exercises, yogasans and Pranayam.



### Guest lecture on Yoga

Dr. Devender Sharma, Professor at MLSM college, Sundernagar was invited for the guest lecture. He had discussed the history of yoga, its philosophy, and the various asanas or poses that are commonly practiced. The lecture had also emphasized the health benefits of yoga.

### Diwali Celebration October, 2022

Jawaharlal Nehru Government Engineering College celebrated Diwali with great enthusiasm. The campus was decorated with lights and rangolis. Students and faculty members participated in cultural programs and enjoyed traditional food. The event showcased the rich cultural heritage of India.





## Smash Sports meet

CES had conducted an interdepartmental sports meet. Various games were arranged for the students to participate in. The main games in this sports meet were volleyball, table-tennis and badminton. The winning teams got trophies and certificates for their extraordinary performance.

## Winners of Smash, 2022

Badminton-Parvesh and Pranav  
Table-Tennis-Rohit, 2nd year  
Volleyball-Danik and team



**Civil Engineering Society**  
Presents  
*Mind Power Management*

**Expert Talk**

For Civil Engineering B.Tech & M.Tech Students

with  
**BK PRAMOD KUMAR**

March 04 2023

**Saturday**

Time: 11:00 am onwards

**Venue: Conference Hall**

Jawaharlal Nehru Government Engineering College  
Sunder Nagar, Mandi HP

## Expert lecture on Mind power management

BK Pramod kumar is a Rajyoga practional with rich experience of 29 years. He Has hpiness researcher, mind/body/ expert and founder of divya wellness. The lecture may cover various techniques and strategies to enhance one's mental and emotional well-being, improve focus and concentration, boost creativity and problem-solving abilities.

## Institution of Engineers (Civil Engineering Society)

The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional body of engineers, established in 1920 with its Headquarters located in Kolkata. IEI has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Govt. of India.

Our college Jawaharlal Nehru Government Engineering College has a valuable affiliation with ISE and is contributing in the professional development and career advancement of the members. Under the ISE we were fortunate enough to conduct various successful and knowledgeable events.



**Workshop on New Trends in Civil Engineering under Institution of Engineers on 21/12/2021**

**Members and Team of Institution of Engineers**



**Workshop on Smart Technologies in Civil Engineering on 7/5/2022**





**Workshop under Institution of Engineers on 05/12/2022**

**Technical Quiz, Memory frame competitions and Debates are conducted**



**Special Guest lecture by Dr. Arun Kapoor (S.E. in HPPCL)**

**The Special Guest Lecture is on the working of hydropower projects.**



**Prize Distribution**

## Industrial Visit

Students visited the world's longest highway tunnel (9.02 km) constructed at a height of above 3000 meters from the mean sea level which connects Manali in Himachal Pradesh to Leh in Ladakh. The construction of this tunnel, nestled in the Pir Panjal Ranges of the Himalayas, has been as much a test of technical & engineering skills, as of human endurance and machine efficiency.



Industrial visit to Atal tunnel of  
Batch 2018-2022



Industrial visit to Atal tunnel of  
Batch 2019-2023

The trip was undertaken to enlighten the students about the new advancement in technology used to create this tunnel, they were also made aware of the new machinery that helped in its creation along with acquainting them with the world-class features that this longest highway single-tube tunnel has to offer.

On 19th May 2022, A visit was conducted to Koldam Bilaspur, Himachal Pradesh. The objective of this site visit is to enhance the knowledge among the students regarding the construction, working, and maintenance of hydroelectric projects. Students visited different working sections of the Koldam and were given a piece of detailed information about them. Students have also visited nearby construction sites of bridge and tunnel.



Industrial visit to Koldam of  
Batch 2020-24

## Other Activities



**Winners of Sports Meet  
January 2022**

**Interaction by Art of Living Team  
on 22 April 2022**



**Independence Day: 75 years of  
Independence, 15 August 2022**



**Teachers Day, 5 September 2022**

