

## CIVIL ENGINEERING SOCIETY

Civil Engineering Society events: CES was started in 2019 with the aim to enhance participation of students in technical and cocurricular activities, quizzes, functions etc. Under the society, different competitions, technical events, celebrations, social work activities have been organized by students under faculty supervision



## STUDENT ACTIVITIES

- Students of Dept. of CE Umesh, Deepak and Kartik (2020 pass out batch ) secured 2<sup>nd</sup> prize and cash prize in Startup 2019- A Hackathon cum Startup Awareness Event at RGEC Kangra
- Anita Verma secured 1<sup>st</sup> position in Declamation contest on Aftermath of COVID-19.
- Students of Civil Engg. Dept. have got certified with C-certificates of NCC and some have also won awards in NCC Camp
- Students have participated in various technical, and sports events held at IIT Mandi, IIT Roorkee, IIT Kanpur, IIT Kharagpur, CBRI Roorkee
- Participation by students in Startup events, NSS activities, Unnat Bharat Abhiyaan, Swachta Abhiyan, Blood Donation, NCC Camps
- Dept. has created Student chapter of Institution of Engineers (India) in which 62 students have enrolled



## RESEARCH AND PUBLICATION

Faculty and students have published research papers in reputed SCI indexed journals and have completed research projects successfully.

## ALUMNI ACHIEVEMENTS

Reputed Government organizations like HPPWD, I&PH, HPSEB, HPPCL, NHAI, TCP, Govt. Colleges

Private construction and infrastructure companies, educational institutes

### CAREER

Higher studies (MTech, M.S, MBA, PhD) in renowned educational institutions

Administrative Jobs, Govt. Banks, Contractors



- Govt. Sector
- Pvt. Sector
- Higher Studies

## NOTABLE ALUMNI

Mr. Akshay , Mr. Dhanajay, Mr. Ankush, Mr. Arbind	AE, HPPCL
Ms. Kamna Jaswal, Ms. Arushi Gupta, Mr. Abhay Kohli, Mr. Sachin Nadda	AE, HPPWD
Mr. Ashish Dev	AE, I&PH
Mr. Sankalp Gautam	SDM/ Naib Tehsildar
Ms. Shalini Chauhan	AP, MGEC Jeori
Mr. Aditya Sharma	Smart Beings Inc.
Mr. Kaushal Sharma, Mr. Lalit	AE, HPPTCL
Mr. Narender Kumar	NHAI

*More than 40 Junior Engineers in Govt. Depts.*

Dr. Vinayak Kaushal	Phd., University of Texas
Mr. Harish Thakur	M.Tech, IISc Bangalore
Mr. Madhav Kaushal,	M.Tech, IIT Bombay
Mr. Vivek Sharma	M.Tech NIT Suratkal,
Mr. Abhay, Ms. Chandni, Mr. Navneet, Mr. Arun	MS, IIT Mandi
Mr. Shubham	M.Tech, NIT Surat, PhD, Queensland University Australia
Ms. Aditi	IIT Roorkee

**More than 50 students pursuing higher studies in renowned NITs and other Institutes.**



## DEPARTMENT OF CIVIL ENGINEERING

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## ABOUT US

The Civil Engg. branch in the Jawaharlal Govt. Engg. College Sundernagar Mandi (H.P.) was started in the year 2010. Department is moving forward to become a centre of excellence in the field of Civil Engineering and as a source of learning& support to the students and community. The Dept. currently offers B.Tech in Civil Engineering and post graduate M.Tech and PhD programs will be commenced in near future. The faculty and staff engage in providing exposure to students in terms of technical skills, industrial exposure, research, new advancements through lectures, practicals, industrial training, expert lectures, workshops.

The department is also involved in providing training to other departments like mason training under SDMA and training to rangers, Forest Training Institute.

The Department has also engaged in consultancies from various organizations from time to time.



## VISION

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

## MISSION

- Imparting knowledge with innovation through outcome based education so as to produce globally competitive Civil Engineers.
- Promoting intellectual, social, ethical development of civil engineers for economic and social development



## FACULTY INFORMATION

**Dr. Madhu Sharma, Asst. Prof. (Structural Engineering)**

**Er. Bedatrayee Saha, Asst. Prof. (Environmental Engineering)**

**Er. Surabhi, Asst. Prof. (Structural Engineering)**

**Dr. Vivek, Asst. Prof. (Transportation Engineering)**

**Er. Kapil Dev, Asst. Prof. (Construction Technology & Management)**

**Er. Prashant Thakur, Asst. Prof. (Construction Technology & Management)**



## LABORATORIES



**GEOTECHNICAL  
ENGG. LAB**



**CONCRETE  
LAB**



**HIGHWAY  
ENGG. LAB**



**ENVIRONMENTAL  
ENGG. LAB**



**SURVEY LAB**



**ROCK  
MECHANICS  
LAB**



**SOFTWARE  
LAB**



**ACC KNOWLEDGE  
CENTRE**

Laboratory	Major Equipments
<b>Geotechnical Engg. Lab</b>	Triaxial Test, Direct Shear Test, UCS Test apparatus, UTM
<b>Concrete Lab</b>	UTM, CTM, Rebound Hammer, Ultrasonic Pulse Tester
<b>Highway Engg. Lab</b>	CBR Test Apparatus, Skid resistance Test, Film Stripping Device
<b>Environmental Engg. Lab</b>	UV-VIS Spectrophotometer, Water Quality Kit, Research grade pH/EC meter, research grade DO BOD meter, COD digester
<b>Rock Mechanics Lab</b>	Rock Toughness Tester, Rock Permeability Apparatus, Rock Bolt Pull Out Test Apparatus
<b>Survey Lab</b>	DGPS, Total Station, GPS, Theodolite, Autolevel
<b>Software Lab</b>	38 Desktop Computers, STAAD-Pro, Open roads, Water gems, Sewer gems-connect edition, ATENA 5.1

## DEPARTMENT ACTIVITIES

The department organizes different types of events/activities with technical and extracurricular aspects:

- Expert / Guest Lectures by resource persons from IISC Bangalore, IIT Mumbai, IIT Mandi, NIT Hamirpur, IIT BHU, Texas University, industry experts from Rohtang tunnel Project, govt. organizations
- National level Workshops/ Conferences: 5



## CONTRIBUTION TO SOCIETY/INDUSTRY

The faculty of Dept of Civil Engineering are involved in providing training/ guidance/ consultancies from time to time :

- Training to JE's/Masons/Carpenters for Earthquake Resistant Construction in events organized by Appropriate Technology Centre, SDMA.
- Training to Forest Rangers of Forest Training Institute
- Consultancies provided for various projects of different organizations like NBCC, FTI, Airport Authority of India, other private organizations

