

42	201614	Shashwat Nandan Sharma	B.Tech Third Year
43	201615	Neeyati Gupta	B.Tech Third Year
44	201617	Pramod Kumar	B.Tech Third Year
45	201618	Astha Sharma	B.Tech Third Year
46	201619	Jatin Gupta	B.Tech Third Year
47	201620	Saurabh Kharyal	B.Tech Third Year
48	201621	Sharad Singh	B.Tech Third Year
49	201623	Chandan	B.Tech Third Year
50	201625	Arushi	B.Tech Third Year
51	201626	Prateek Sharma	B.Tech Third Year
52	201627	Pranjal Srivastava	B.Tech Third Year
53	201628	Ankit Ravi	B.Tech Third Year
54	201629	Avishya Jaswal	B.Tech Third Year
55	201631	Karan Sharma	B.Tech Third Year
56	201632	Utkarsh Singh	B.Tech Third Year
57	201634	Divyam Nagraik	B.Tech Third Year
58	201635	Somender	B.Tech Third Year
59	201637	Aditya Rana	B.Tech Third Year
60	201638	Kanav Sharma	B.Tech Third Year
61	201639	Sidharth Dogra	B.Tech Third Year
62	201642	Mohit Thakur	B.Tech Third Year
63	212651	Ananay Sambyal	M.Tech Struct. 1 <sup>st</sup> Sem
64	212652	Ayush	M.Tech Struct. 1 <sup>st</sup> Sem
65	212653	Nikhil Gupta	M.Tech Struct. 1 <sup>st</sup> Sem
66	212654	Manish	M.Tech Struct. 1 <sup>st</sup> Sem
67	212655	Digvijay Singh	M.Tech Struct. 1 <sup>st</sup> Sem

Mr. Chandrapal Gautam  
CEC Coordinator

Prof. Ashish Kumar  
HCED



**From:** sudhir.syal/Juit  
**To:** all\_faculty@juit.ac.in  
**Cc:** rk.sharma@juitsolan.in, ashok.gupta/Juit@juit.ac.in, vinod.kumar/Juit@juit.ac.in, dhar\_shashi2000@yahoo.com

---

**Date:** Thursday, October 28, 2021 03:09PM  
**Subject:** IPR Event

---

Dear All

The IPR cell, JUIT is organizing a talk by Mr. Shashi Dhar, Sr. Scientific Officer, HP Patent Information Centre, Shimla on Oct. 30, 2021, at 12:00 Noon

This talk is to sensitize students, faculty members towards the patent filing process. The title of his talk is "Role of HP Patent Information Centre in filing the Patents".

The meet link for joining the event is :

[meet.google.com/rqi-fsky-wuz](https://meet.google.com/rqi-fsky-wuz)

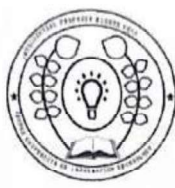
Looking forward to see you all at the event. In case of any query, please contact Dr. Shruti/Dr. Hemraj/Dr. Sudhir

Please encourage the students to join.

Regards  
Sudhir

Dr. Sudhir Kumar  
Professor & Head  
Department of Biotechnology and Bioinformatics  
Jaypee University of Information Technology  
Waknaghat, Solan - 173 234  
Himachal Pradesh  
Phone: 01792 - 239231, 09805627899





## Report of Webinar

### “Role of HP Patent Information Centre in filing the Patents”

October 30, 2021 by IPR Cell, JUIT, Solan

The poster is for a webinar organized by the IPR Cell at Jaypee University of Information Technology, Wagnaghat, Solan, H.P., India. The title of the webinar is "Role of HP Patent Information Centre in filing the Patents". The speaker is Mr. Shashi Dhar, Sr. Scientific Officer at the HP Patent Information Centre, Shimla. The webinar was held on October 30, 2021, at 12:00 Noon (IST) via Google Meet. The meet link is [meet.google.com/rqi-fsky-wuz](https://meet.google.com/rqi-fsky-wuz). The poster features logos of HIMCOSTE, JUIT, and the IPR Cell.

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY,  
WAKNAGHAT, SOLAN, H.P., INDIA.  
IPR Cell  
Organising a Webinar on  
**“Role of HP Patent Information Centre in filing the Patents”**  
Talk By  
**Mr. Shashi Dhar**  
(Sr. Scientific Officer, HP Patent Information Centre, Shimla)

Date	Time	Medium
30 <sup>th</sup> Oct. 2021	12:00 Noon (IST)	GoogleMeet

meet link : [meet.google.com/rqi-fsky-wuz](https://meet.google.com/rqi-fsky-wuz)

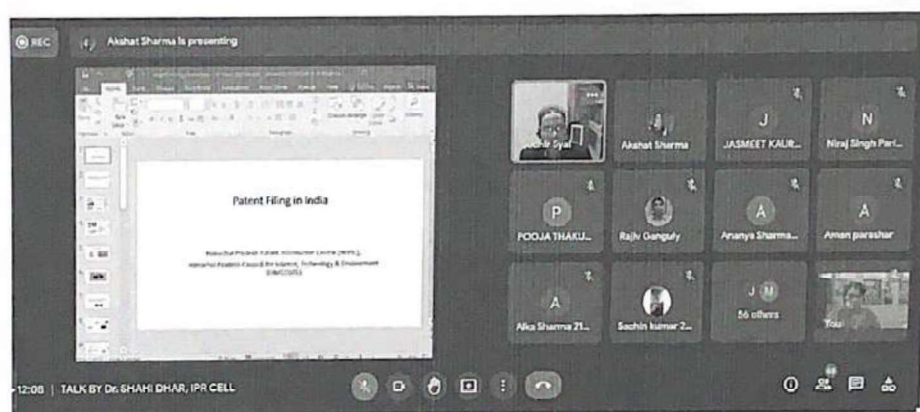
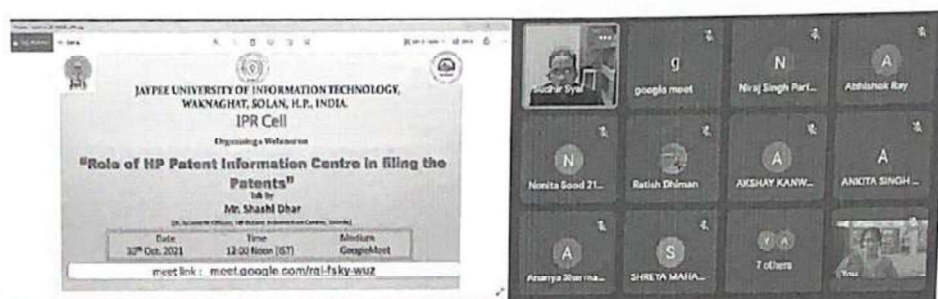
Awareness about Patent filling is important for faculty members as they are engaged in intellectual and creative activities in their respective research domains.

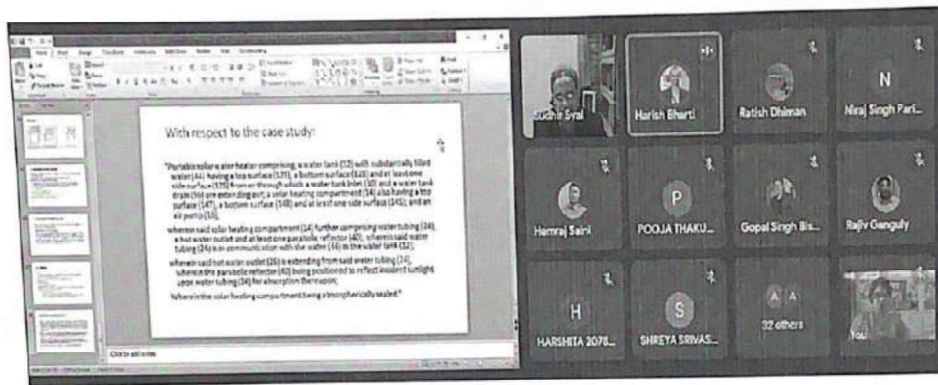
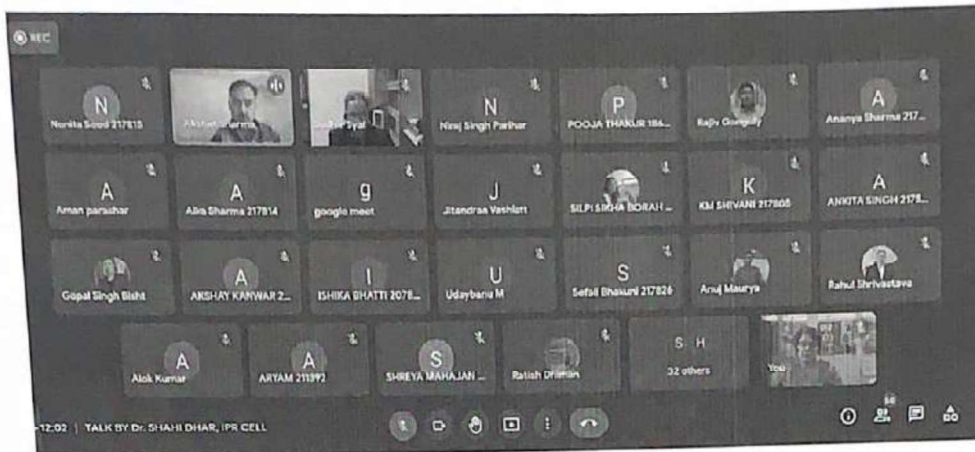
IPR cell, JUIT Wagnaghat organized a webinar on October 30, 2021. A webinar was conducted by *Mr. Shashi Dhar (invited speaker), Sr. Scientific Officer, HP Patent Information Centre, Shimla* delivered his talk on “*Role of HP Patent Information Centre in filing the Patents*”. The event was started at 12 Noon. Prof. Sudhir Kumar introduced Mr. Shashi Dhar to the audience and welcomed the invited speaker on behalf of IPR Cell Team. About 80 faculties, researchers, staff, and students of various universities/ institutes attended the event.

This talk was to sensitize students, faculty members towards patent filing process through HP Patent Information Centre, HIMCOSTE, Shimla. He explained the concept of trademarks, patents, and copyrights. He further highlighted the need to decipher inventiveness in research



projects, art work, and designs. He explained all the steps involved in filling a patent. He presented a case study of a Solar Heater and discussed the model way of writing claims, inventive steps, title and description of the invention. The IP Team of JUIT (Dr. Sudhir Kumar, Dr. Shruti Jain, Dr. Hemraj Saini) owe their thanks to HIMCOSTE, Shimla for providing support. The IPR Cell of JUIT assured the participants to answer their queries, if any, in future and assured them to provide all possible assistance in filing their IPs. Dr. Shruti Jain shared the necessary patent related forms with all the participants. The event was concluded with a thank note and Mr. Shashi Dhar praised the active participation of JUIT – IPR Cell towards patent filing and awareness drive. He assured constant support and guidance of HP Patent Information Centre towards IP activities of JUIT.





Club Event




## ESSAY WRITING COMPETITION

November 11, 2021


IEEE-WIE JUIT SB organized an e-Essay Writing Competition on the topic "Women in Innovation and Engineering". The competition took place from 7<sup>th</sup> November to 11<sup>th</sup> November 2021 through Google form. Participants submitted their writings in a pdf format through the link provided along with the email. A total of 21 entries were received. Result declaration was held on 13<sup>th</sup> November 2021, three best performers were adjudged winners.

- 1<sup>st</sup> Position – Parul Shah (1<sup>st</sup> Year JUIT)
- 2<sup>nd</sup> Position – Amrita Mishra (3<sup>rd</sup> Year JUIT)
- 3<sup>rd</sup> Position – Monisha Surana (2<sup>nd</sup> Year JUIT)

The purpose was to make aware of what barriers women are facing in today's tech organizations and how they must be uplifted also to give an opportunity to young minds to ensure women, minorities, and technology organizations realize a diverse and inclusive workplace. The competition brought out the talent and creativity of the students. Everyone put their best foot forward and made it a successful event altogether.





### ESSAY WRITING COMPETITION



### WOMEN IN INNOVATION AND ENGINEERING

Submission Date: 7th - 11th November  
Submit at: <https://forms.gle/CgVd1zE5Q8da8DPH7>  
Result Declaration: 13th November

 [ieejuit](#)  
 [ieejuit.co.in](http://ieejuit.co.in)

## INTERNATIONAL WEBINAR SERIES (IWS): SEASON 2

EXPERT: Dr. Rajinder Gupta, Emmy Noether Group for Computational Microbiome Research, Technical University of Munich, Germany

TOPIC: FuSe: A tool for functional analysis of RNA-Seq data

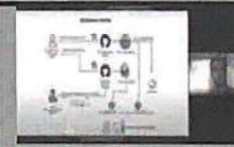
DATE: 20<sup>th</sup> November 2021



EXPERT: Mr. Satyam Kapoor, Cloud Infrastructure Engineer, Sitecore, Belgium

TOPIC: Containerisation & DevOps Practices for Bioinformaticians

DATE: 18<sup>th</sup> December 2021



FIT INDIA CAMPAIGN CLUB, JUIT

## FIT INDIA WALKATHON

November 14, 2021

The Fit India 10000 steps Walkathon was organized by Sports Club & Fit India Campaign Club of JUIT on 14th November 2021 (Sunday) at 7.00 AM. More than 20 participants assembled at University gate. The walkathon route was from outside the campus (main gate to Domehar and back).



## SEMESTER TOURNAMENT 1

30th November to 2nd December 2021

From 30th November to 2nd December, 2021, the Sports Club of Jaypee University of Information and Technology hosted a semester tournament for students to demonstrate their talent. The college experienced its first tournament after a long period of time, as the campus was closed due to lockdown. The enthusiasm in students was clearly visible as they actively participated in the various sports. Students were allowed to participate in a variety of activities during the three-day competition, including football, basketball, volleyball, cricket, table tennis, chess, and badminton. Regardless of the outcome, all of the teams gave their best and demonstrated true sportsmanship. The finals of all sports drew large crowds who came to support their favorite teams. Certificates for participation were presented to all teams and individuals that participated in the tournament, and prizes were handed to the winners in the closing ceremony of the fun filled 3 days.





SPORTS CLUB JUIT &lt;sportsclub.juit@juitsolan.in&gt;

## Trekking Instructions

1 message

SPORTS CLUB JUIT &lt;sportsclub.juit@juitsolan.in&gt;

20 November 2021 at 16:38

To: 201489@juitsolan.in, 201621@juitsolan.in, 181359@juitsolan.in, 201543@juitsolan.in, 211198@juitsolan.in, 211053@juitsolan.in, 211211@juitsolan.in, 181013@juitsolan.in, 201407@juitsolan.in, 211223@juitsolan.in, 207807@juitsolan.in, 211273@juitsolan.in, 211291@juitsolan.in, 181833@juitsolan.in, 211125@juitsolan.in, 211146@juitsolan.in, 201424@juitsolan.in, 211176@juitsolan.in, 201420@juitsolan.in, 201159@juitsolan.in, 201426@juitsolan.in, ADHYAN THAKUR 201545 <201545@juitsolan.in>, 201423@juitsolan.in, 211011@juitsolan.in, 201402@juitsolan.in, 201395@juitsolan.in, 201387@juitsolan.in, 201389@juitsolan.in, 201456@juitsolan.in, 201381@juitsolan.in, 201400@juitsolan.in, 181023@juitsolan.in, 217809@juitsolan.in, 211258@juitsolan.in, 207812@juitsolan.in, 211232@juitsolan.in, 211429@juitsolan.in, 211449@juitsolan.in, 207813@juitsolan.in, 211244@juitsolan.in, 201539@juitsolan.in, 207802@juitsolan.in, 211218@juitsolan.in, 217822@juitsolan.in, 181005@juitsolan.in, 201164@juitsolan.in, 211320@juitsolan.in, 211154@juitsolan.in, 211254@juitsolan.in, 211068@juitsolan.in, 201425@juitsolan.in, 211426@juitsolan.in, 201021@juitsolan.in, 201020@juitsolan.in, 211102@juitsolan.in, 201625@juitsolan.in, 201419@juitsolan.in, 211245@juitsolan.in, 211170@juitsolan.in, 211318@juitsolan.in, 211131@juitsolan.in, 211428@juitsolan.in, 211142@juitsolan.in, 211172@juitsolan.in, 211150@juitsolan.in, 211262@juitsolan.in, 211205@juitsolan.in, 211241@juitsolan.in, 211072@juitsolan.in, 207833@juitsolan.in, 201618@juitsolan.in, 181007@juitsolan.in, 201320@juitsolan.in, 207814@juitsolan.in, 201179@juitsolan.in, 201170@juitsolan.in, 201185@juitsolan.in, 201162@juitsolan.in, 201161@juitsolan.in, 211233@juitsolan.in, 191279@juitsolan.in, 211348@juitsolan.in, 211308@juitsolan.in, 211171@juitsolan.in, 201210@juitsolan.in, 201401@juitsolan.in, 201515@juitsolan.in, 211552@juitsolan.in, 211204@juitsolan.in, 211234@juitsolan.in, 211531@juitsolan.in, 211902@juitsolan.in, 201331@juitsolan.in, 201209@juitsolan.in, 201118@juitsolan.in, 181368@juitsolan.in, 181277@juitsolan.in, 191311@juitsolan.in, 211112@juitsolan.in, 191004@juitsolan.in, 201201@juitsolan.in, 191012@juitsolan.in, 201171@juitsolan.in, 201313@juitsolan.in, 211111@juitsolan.in, 201323@juitsolan.in, 201334@juitsolan.in, 201332@juitsolan.in, 201337@juitsolan.in, 211363@juitsolan.in, 211397@juitsolan.in, 207822@juitsolan.in, 211808@juitsolan.in, 191002@juitsolan.in, 191007@juitsolan.in, 191013@juitsolan.in, 211201@juitsolan.in, 201533@juitsolan.in, 201382@juitsolan.in, 201225@juitsolan.in, 217818@juitsolan.in, 211265@juitsolan.in, 181505@juitsolan.in, 211261@juitsolan.in, 211190@juitsolan.in, 211001@juitsolan.in, 211288@juitsolan.in, 211155@juitsolan.in, 211148@juitsolan.in, 211402@juitsolan.in, 211508@juitsolan.in, 211509@juitsolan.in, 211253@juitsolan.in, 201292@juitsolan.in, 211134@juitsolan.in, 201136@juitsolan.in, 201151@juitsolan.in, 201148@juitsolan.in, 211601@juitsolan.in, 207811@juitsolan.in, 201460@juitsolan.in, 207819@juitsolan.in, 211314@juitsolan.in, 211166@juitsolan.in, 211427@juitsolan.in, 217805@juitsolan.in, 211210@juitsolan.in, 211559@juitsolan.in, 186909@juitsolan.in, 211203@juitsolan.in, 211196@juitsolan.in, 207818@juitsolan.in, 201372@juitsolan.in, 181319@juitsolan.in, 201181@juitsolan.in, 191026@juitsolan.in, 201186@juitsolan.in

Cc: "Prof. Rajendra Kumar Sharma" &lt;vc@juitsolan.in&gt;, registrar@juit.ac.in

Dear Students

Report at the main gate at 6:35 AM sharp.  
Bring a small rucksack bag for water bottle and snacks.  
Be in a tracksuit.  
Wear sports/trekking shoes.

--  
Regards

**Raghav Kumar**  
Sports Coach  
Jaypee University of IT  
Waknaghat, Solan, HP  
Mobile- 8962198932  
Office- 01792239334





## **REPORT**

### **One-day Webinar on Fundamentals of Highway Design**

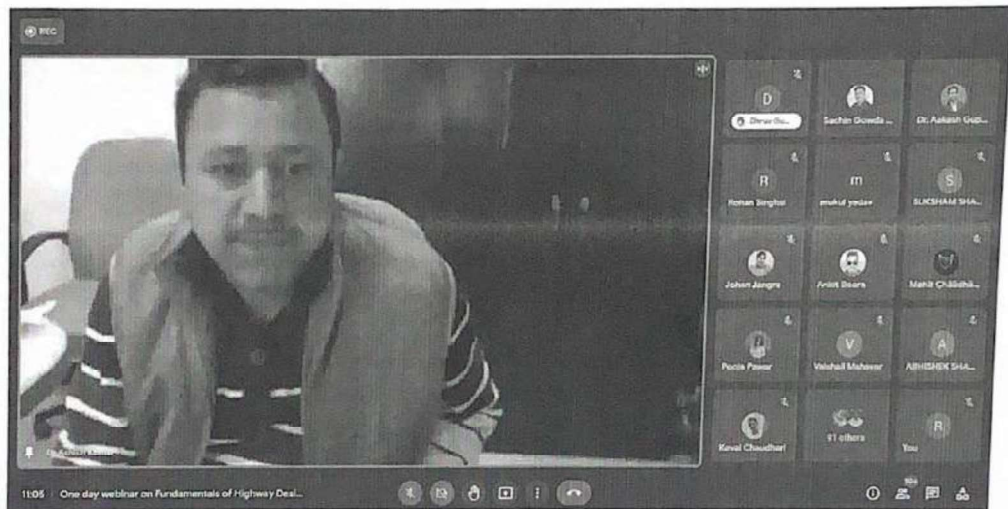
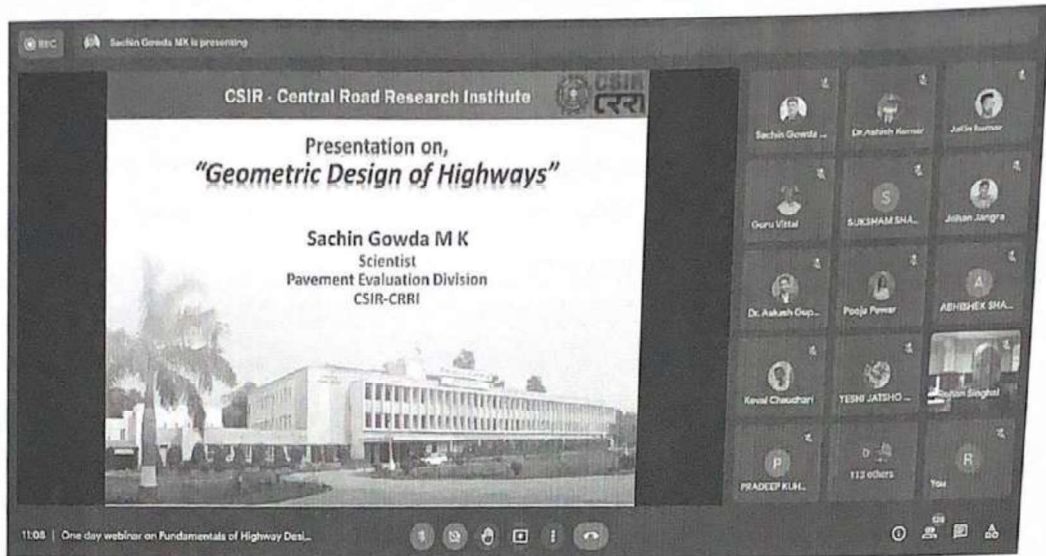
The Department of Civil engineering, Jaypee University of Information Technology, Waknaghat organized a one-day Webinar on “Fundamentals of Highway Design”. The event was inaugurated by Prof. Dr. Ashish Kumar, Head of Department, Civil Engineering, JUIT Waknaghat. He welcomed all the participants and emphasized on the importance of such lectures which can familiarize the participants with the ongoing research in the field of Highway & Transportation Engineering. Two lectures were delivered by the expert panel from CSIR – Central Road Research Institute, New Delhi on 23 November 2021. The details of topics and speakers are as follows:

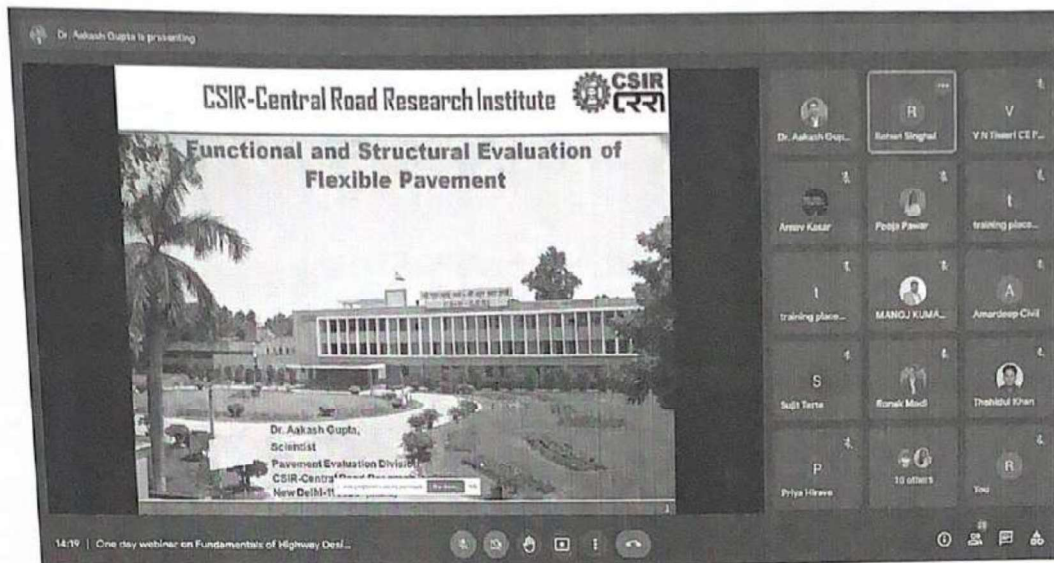
1. Geometric Design of Highways, by Mr. Sachin Gowda M K, Scientist, Pavement Evaluation Division (PED), CSIR – Central Road Research Institute
2. Structural and Functional Evaluation of Flexible Pavement, by Dr. Aakash Gupta, Scientist, Pavement Evaluation Division (PED), CSIR – Central Road Research Institute

The event was coordinated by Mr. Rohan Singhal, Assistant Professors, Department of Civil Engineering, JUIT Waknaghat. The webinar targeted the practitioners in the filed of Highway & Transportation Engineering from academia and construction industry. An overwhelming response was received with more than 260 registrations for the event. The participants consisted of research scholars, academic experts, industrial practitioners, and students from various organizations including IITs, NITs, BITS Pilani, L&T, AECOM, J K Group, Indian Geotechnical Society, WS Atkins, RITES, CSIR, and many others. All the attendees took active part in discussions and a range of practical problems were discussed with the expert panel. Both the speakers expressed their interest in collaborating further with JUIT Waknaghat. The webinar was concluded by a vote of thanks by the event coordinator. The content of the lectures delivered, was well appreciated by the participants as highlighted by the positive feedback.



### Event Photographs:





4/28/22, 9:56 AM

Jaypee University of Information Technology Mail - FIT INDIA - 10000 STEPS WALKATHON



RAGHAV KUMAR <raghav.kumar@juitsolan.in>

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## FIT INDIA - 10000 STEPS WALKATHON

1 message

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RAGHAV KUMAR <raghav.kumar@juitsolan.in>

12 November 2021 at 15:48

To: 2018 Batch <2018batch@juitsolan.in>, 2019 Batch <2019batch@juitsolan.in>

Cc: "Prof. (Dr.) Rajendra Kumar Sharma" <rk.sharma@juitsolan.in>, Rakesh Bassi <registrar@juitsolan.in>

Dear Students

### **AN EARLY MORNING WALK IS A BLESSING FOR THE WHOLE DAY**

Fit India Campaign Club of JUIT is organizing a 10000 steps walkathon on **14th November, 2021 (Sunday) at 6:50 AM** from the main gate of JUIT. All are requested who are in the VICINITY of the campus should participate in this activity.

The Walkathon route will be outside the campus (main gate to domehar and back).

Date - 14th November, 2021 (sunday)

Time - 6:50 AM

Venue - JUIT Main Gate

Regards

**Raghav Kumar**

Sports Coach

Jaypee University of IT

Waknaghat, Solan, HP.

Mobile- 8962198932

Office- 01792239334



## DIWALI

4 November 2021

The JUIT celebrated Diwali on the campus following COVID protocol norms. The festival was celebrated with great enthusiasm. The presence of Hon'ble Vice Chancellor Prof. Rajendra Kumar Sharma, Registrar Maj. Gen Rakesh Bassi (Retd.) and Dean (A & R) Prof. Ashok Kumar Gupta had given boost to the celebration. The gathering of staff, faculty members and students were served with snacks, sweets and tea.



## SMARAN

**(A week to commemorate the freedom movement of India)**

22nd - 26th January 2022

JYC organized an event called Smaran- a week to commemorate the Freedom Movement of India on the occasion of the 73rd Republic day, from 22 – 26 January 2022. This event was co-hosted by the Theater and Music Club, Creative Arts Committee, and Registration and Hospitality Committee of JYC. In this event a quiz, a poem competition and an art competition were organized. The first event that was organized by the Registration and Hospitality Committee was a quiz competition to celebrate the Freedom Movement of India. It was a thirty minute session. The host of the event gave a brief introduction about the sacrifice and valor of Subhash Chandra Bose. Then the participants were provided with a google form. The event was held virtually. There was consistent interaction with the participants. The winners and participants were awarded certificates. Another event was an art competition organized by the Creative Arts Committee. The event was held to honor the country's 73rd Republic Day. The participants had to use art to express themselves. They submitted their art in the form of sketches, paintings, doodling, stamp art, impression art, abstract and figurative art. The submissions were collected via google form. The winners were awarded certificates. A poem competition was organized virtually by the Theatre and Music Club. In this the participants had to submit their self-composed poetry on the theme 'Sarhad Par Sena Baithi Hain'. The submissions were collected through google forms. The poetry submissions were acquired as videos to capture the essence of the poem. The winners were awarded certificates. There were more than seventy participants in the events. The event was highly interactive and informative. This event was a culmination of imagination, talent and creativity.



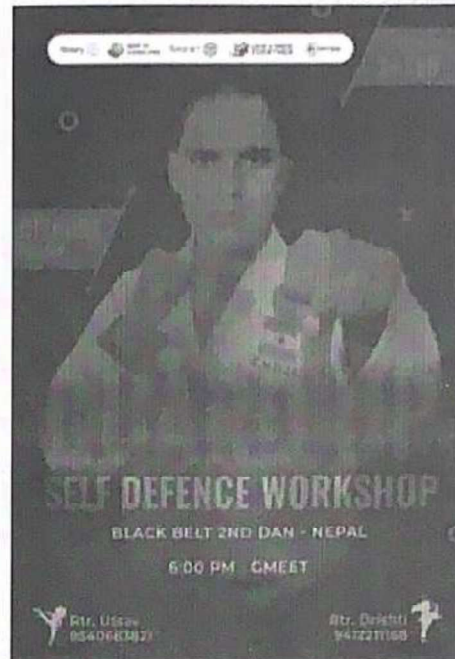
Virtual self-defence workshop

## GUARD UP

February 14, 2022

Rotaract club of Waknaghat in association with Internal Compliant Committee of Jaypee University of Information Technology organized a virtual self-defence workshop, "Guard Up", for the students of various schools and colleges, on 14th February 2022. Mr. Jitendra Pratap, Black belt 2nd DAN, a martial arts player, and instructor taught the participants some life-saving techniques to take down anyone in times of need. The event provided a platform for the students to know their own hidden power to fight against any kind of attack. More than 150 students registered for this training session.

Mr. Jitendra demonstrated various techniques to self defend against different kinds of attacks. He advised the students to be swift in analyzing the situation when subjected to physical abuse, violence, crime, etc. He insisted on aiming for the body parts where you can do the most damage quickly, like the eyes, nose, ears, neck, groin, knee, and legs. The expert also mentioned that physical strength supplemented with mental strength also played significant role to fight against any odd situation. So he gave special impetus for female participants to practice these tactics during their regular routines for building stronger personalities. All were overwhelmed by the skill shown by the



trainer. This workshop aimed to develop a vibrant community of youngsters capable of defending themselves in the uncalled times. Altogether, it turned out to be an incredibly insightful and stimulating event.





## Virtual Session on Various Aspects of Green Building Design

**Date of Event:** January 25, 2022

**Organizers:** IGBC Student Chapter, JUIT

### Introduction

Jaypee University of Information and Technology's Student Chapter of Indian Green Building Council (IGBC) was inaugurated on 13<sup>th</sup> May 2021. In 2022, under 4<sup>th</sup> Edition of Harit-Prem Bharat Mahotsav, a Virtual Session on Various Aspects of Green Building Design was successfully organized on January 25, 2022. The primary focus of this event was to promote the knowledge for sustainable material which will help minimise the carbon footprint generated by construction of a building and utilize clean energy in construction work. The Virtual Session was organized via Google Meet platform by JUIT Student Chapter. Invitations to the Session were emailed by the host, JUIT IGBC Student Chapter Team, to their networks and students.

### Various aspect of Green Building Design

Green building design aspects refers to both a structure and the application of processes that are environmentally responsible and resource-efficient throughout a building's life-cycle: from planning to design, construction, operation, maintenance, renovation, and demolition. This requires close cooperation of the contractor, the architects, the engineers, and the client at all project stages. This program allows participants to know the importance of Green Building and how to use sustainable materials in old and new structures to make them effective.

### Event Schedule

- **Prof. Ashish Kumar**  
Professor & Head CED, JUIT Waknaghat -Welcome Remarks
- **Mr. Amit M C**  
Associate Counsellor – Green Buildings CII-GBC Hyderabad -Technical Session  
**Topic:** Glass as a sustainable Green Building Material
- **Col. Shailesh Pathak**  
Co-Chair, IGBC - Chandigarh Chapter -Technical Session  
CEO, Art - N - Glass Inc.  
**Topic:** Glass as a sustainable Green Building Material.
- **Ar. Shelja Gupta**  
Principal Architect, Design Earth -Technical Session  
**Topic:** Urban Green Buildings: The new address of sustainability
- **Dr. Tanmay Gupta**  
Chairman, IGBC Student Chapter, JUIT -Concluding Remarks  
Program Convener
- **Ajay Singh Thakur**  
PhD Student, JUIT  
Student Coordinator





### Overview and Topic of Discussion

- **Dr Tanmay Gupta** hosted the session on Google Meet and Live on JUIT YouTube Channel at 10:45 AM (IST). More than 100 participants on Google Meet and 256+ participants were connected through YouTube for this Virtual Session. **Prof. Ashish Kumar - HOD Civil Engineering Department** welcomed all speakers, dignitaries and participants in this session.
- **Mr. Amit M C** was the first speaker who gave an Introduction of IGBC and its functions. His talk focussed on apprising the participants about a Green Building, its features & benefits. Lastly, he discussed the IGBC Mission on Net Zero. The presentation was based on Indian Scenario showing Challenges and Opportunities, site selection and planning, etc. The topic also covers water conservation, building material, Resources and Energy efficiency, and tangible benefits for the use in green building. Towards the end Q & A session was conducted through Google Meet chat and YouTube Comment Section.
- **Col. Shailesh Pathak**, the second speaker of the event discussing the role of Glass as a Sustainable Green Building Material, where the importance was given to the use of glass for controlling solar energy to maintain optimum temperature and to let natural light enter the compound to reduce the need of artificial light during day time. As Green Glasses are recyclable, they can be used up to Six times more than the normal glass. The dynamic property of advance heat insulation and glare control are discussed. PV Sun Glass and Electro chromic Glass are also discussed.
- **Ar Shelja Gupta** was the final speaker of the event sharing Urban Green Buildings: The new address of sustainability in which a case study having Platinum rating were discussed with all the participants. The project was called **EXOTIC GRANDEUR** which has set a bench mark in Punjab by becoming the first ever Green Building. The difference between Regular Group Housing and Luxury Green Homes were shared excellently with the help of Site Layout, showing the importance of orientation to allow sunlight and air into the apartment. How to get credits and which are the main parameters were projected to all the participants. Computer Generated Analysis was shared to discuss the importance of Daylight analysis and support documentation of Project.
- At last Q&A Session were conducted with light moments between speakers, moderator, and participants.

**Feedback from Students:** The feedback was conducted through a form circulated among the participants and the webinar was ranked Excellent.

**Thank You Remark:** Dr. Tanmay Gupta concluded the Virtual Session by thanking all the Speakers, HOD and faculties of Civil Engineering Department, IGBC Members and Participants for making this event a memorable one.

### Key Points from Registration View

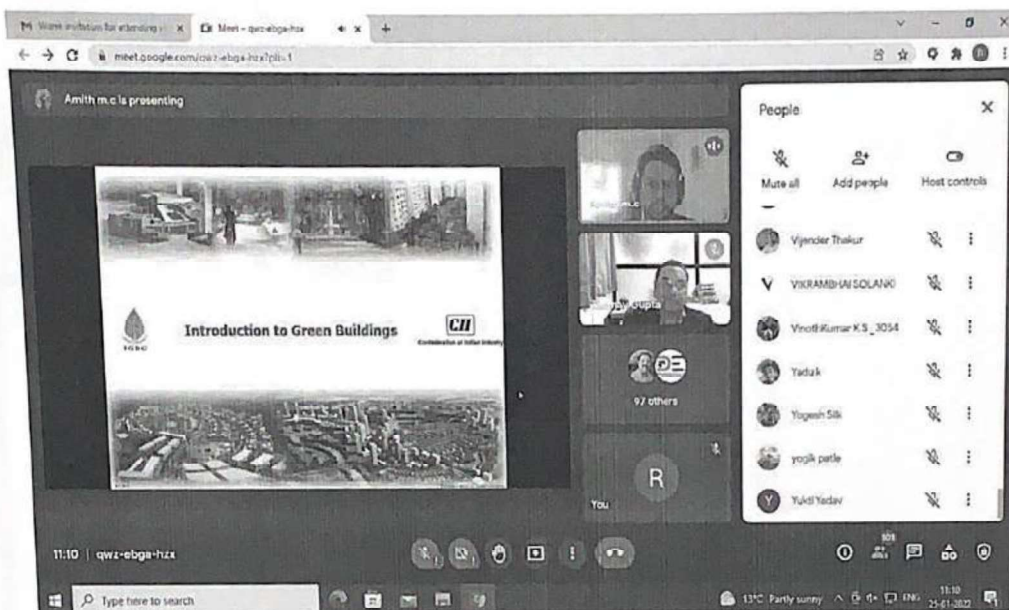
- A total of 411 registrations were received for this event.
- More than 200+ feedbacks were received from the participants.
- National as well as International Doctorate participant were present during the Virtual Session contributing 30% of the participation count.

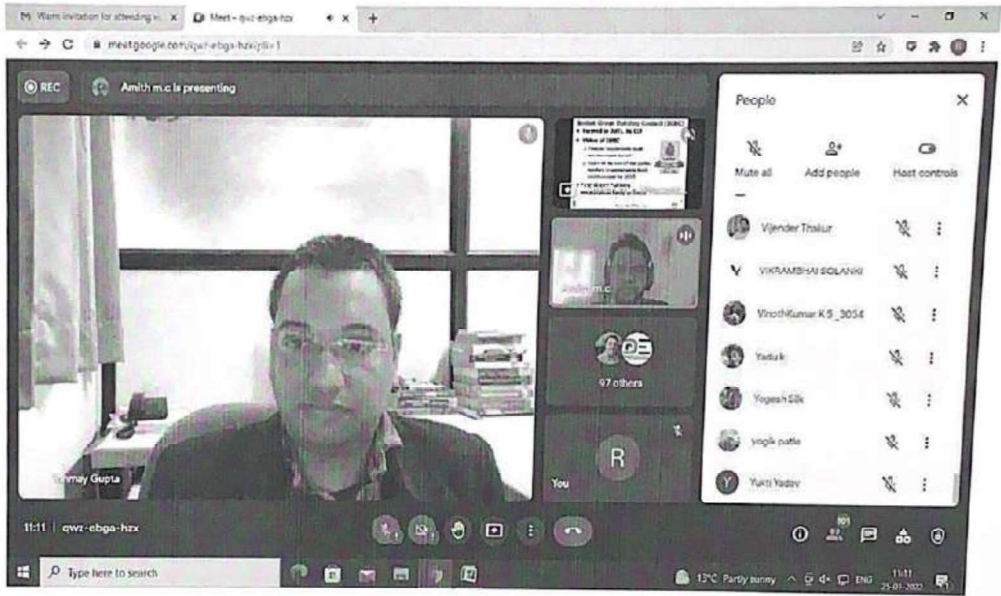
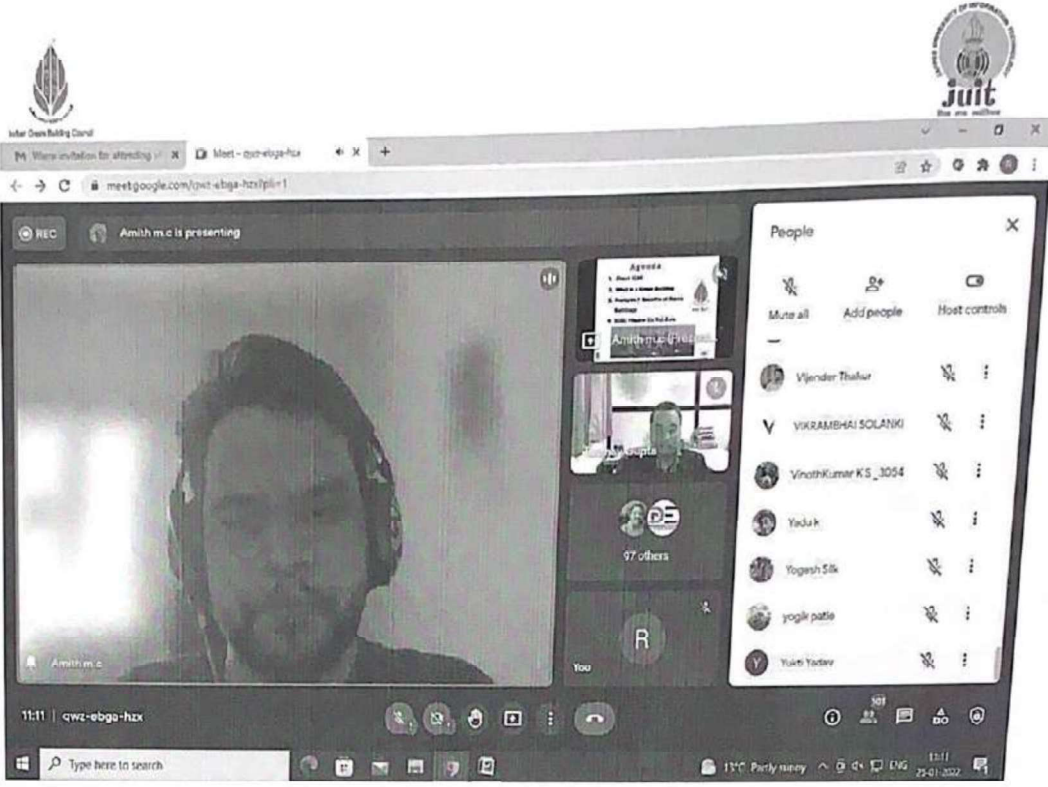


### Certificates Distribution

- Certificates were distributed on the basis of feedback form floated at the end of event in Google Meet and YouTube
- 201 Certificates were distributed
- All the queries regarding meeting, forms, and certificate were successfully handled and resolved by Dr. Tanmay Gupta and Ajay Singh Thakur

### Screenshots of the Session







Amith m.c is presenting

### WorldGBC - IGBC

- World Green Building Council is a global network of GBC's from over 70 Countries
- IGBC part of the WorldGBC as 'Founding Member' since 2004
- Only Council from India representing at WorldGBC

11:12 | qwz-ebga-hzx

People

- Vijender Thakur
- VIKRAMSHAI SOLANKI
- VinodKumar K S\_3054
- Yadav
- Yogesh Sikk
- yogish patil
- Yukti Yadav

Amith m.c is presenting

### Site Selection & Planning

- Present challenges
  - Compliance to Local Building Regulations
  - Top Soil Erosion
  - Decreased Green Cover
  - Heat Island Effect
  - Disturbance to Nocturnal life
  - Social Aspects
    - Access to off-rooadly sites
    - Facilities for wheelchair users
- Efforts to address the challenges through the IGBC rating systems
  - Local Building Regulations
  - Red soil covered with concrete by concrete
  - Rejuvenation step
  - Minimal Footprint (IGBC-GBC 2013)
  - Building with Nature (IGBC-GBC 2016)
  - Enhanced Sustainability (IGBC-GBC 2018)
  - Heat Island Mitigation
  - Top Soil on site
  - Green wall and green roof
  - Green Light Pollution
  - Definitely also design

qwz-ebga-hzx

People

- Amith m.c
- Dr. Sameer Vyas
- Shubam Sharma
- Shreya Gupta
- Divakar L
- 92 others





Meet - qwz-ebga-hzx

meet.google.com/qwz-ebga-hzx

REC Amith m.c. is presenting

11:37 | qwz-ebga-hzx

Meet attendance (1...)

Type here to search

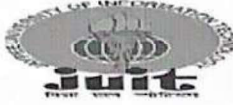
13°C Partly sunny

11:37 25-01-2022

REC

qwz-ebga-hzx





SPORTS CLUB JUIT <sportsclub.juit@juitsolan.in>

## 750 MILLION SURYA NAMASKAR ON AMRIT MAHOTSAV CELEBRATION

1 message

SPORTS CLUB JUIT <sportsclub.juit@juitsolan.in>

24 January 2022 at 14:51

To: "2021 M.Sc. (M.Sc. in Bio Technology & Microbiology)" <2021msc@juitsolan.in>, 2021 Phd Students <2021phd@juitsolan.in>, 2020MSc <2020msc@juitsolan.in>, 2020PhD <2020phd@juitsolan.in>, 2019PhD <2019phd@juitsolan.in>, 2018PhD <2018phd@juitsolan.in>, 2017PhD <2017phd@juitsolan.in>, 2020MTech <2020mtech@juitsolan.in>, 2016PhD <2016phd@juitsolan.in>  
Cc: "Prof. Rajendra Kumar Sharma" <vc@juitsolan.in>, Rakesh Bassi <registrar@juitsolan.in>

Dear Students  
Hope all are doing well.

### SURYA NAMASKAR : A PRECIOUS GIFT FROM ANCIENT INDIAN SAGES

National Yogasna Sports Federation (NYSF) recognized by the Ministry of Youth Affairs and Sports, GOI, to spread **Yogasana as sports and create awareness of health amongst youngsters** of our country.

For the **wellbeing of health and healthy lifestyle** all the students are requested to perform **12 poses of Surya Namaskar Yogasana, 13 times every day for 21 days** (any days) upto 20th February,2022.

**You can register yourself on the website :** [www.75suryanamaskar.com](http://www.75suryanamaskar.com)

You must record a 30-second video of performing Surya Namaskar and one photograph must be taken at any stage of the Asana and kept in records.

**Learn Surya Namaskar through this link :** <https://www.youtube.com/watch?v=1xRX1Muolmw>

--  
Regards  
**Raghav Kumar**  
Sports Coach  
Jaypee University of IT  
Waknaghat, Solan, HP  
Mobile- 8962198932  
Office- 01792239334



## REPORT

One-day Webinar on

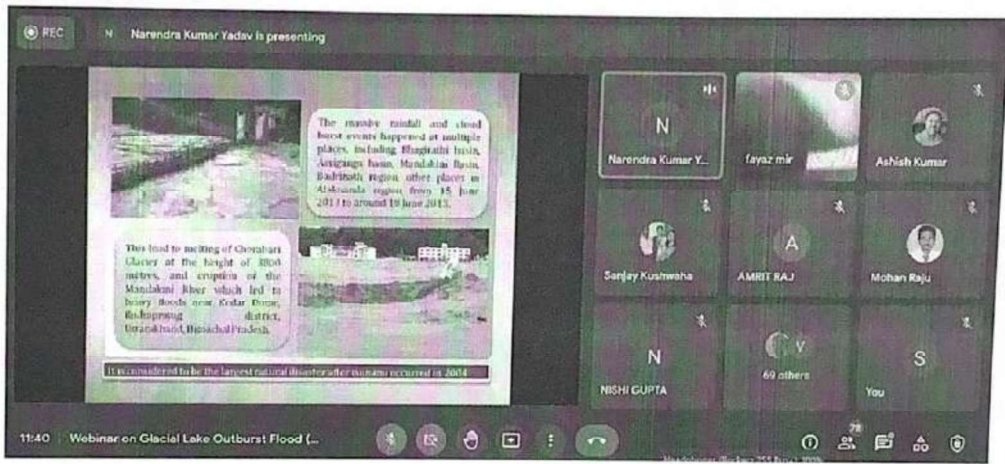
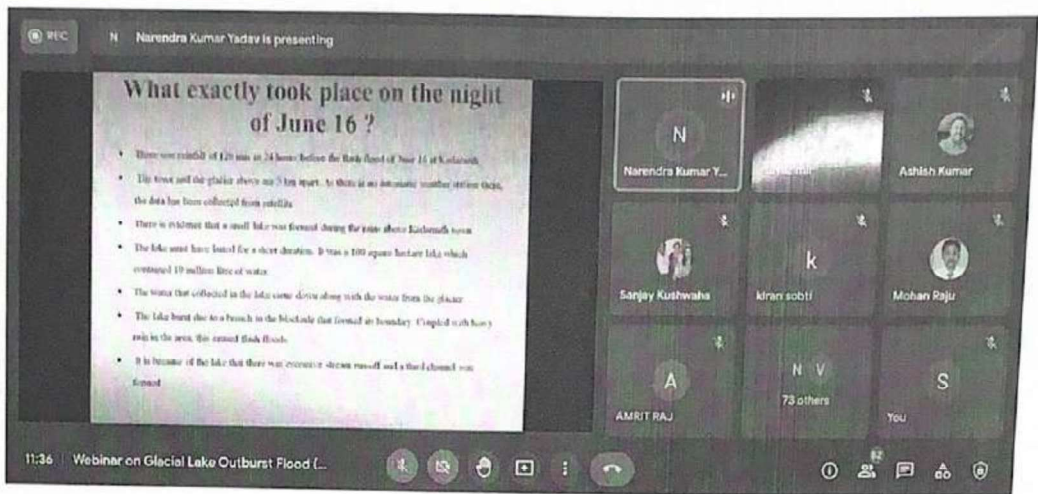
### **Glacial Lake Outburst Flood (GLOF): An Insight**

The Centre of Excellence in Structural Engineering and Disaster Management (CESEDM) at Jaypee University of Information Technology, Wanknaghat organized a one-day Webinar on "Glacial Lake Outburst Floods (GLOF): An Insight" on Saturday, January 29, 2022. The event was inaugurated by Prof. Dr. Ashish Kumar, Head of Department, Civil Engineering and Coordinator of CESEDM, JUIT Wanknaghat. He welcomed all the participants and emphasized on the importance of such sessions which can familiarize the participants with the ongoing research in the field which is a huge part of Disaster Management in mountainous regions such as Uttarakhand and Himachal Pradesh. The participants of the Webinar included students, academicians, and practitioners from the field of Civil Engineering from all across the country. The presenter, Mr. Narendra Kumar Yadav, Chief Engineer (Retd.), Uttarakhand Irrigation Department, introduced the participants with the basics of Glacial Lake Outburst Floods and discussed the case studies and instances from his personal experience from Uttarakhand floods.

The event was coordinated by Dr. Sugandha Singh, Assistant Professor, Department of Civil Engineering, JUIT Wanknaghat. The webinar received an overwhelming response with more than 190 registrations for the event. Among the benefactors were academicians and students from Institutes like IIT Roorkee, IIT Mandi, IIT Hyderabad, IIST Shibpur, NIT Kurukshetra, NIT Calicut, NIT Karnataka, Anna University, G.B. Pant University of Agriculture & Technology; along with practicing Engineers from various Government and Private bodies like LEA Associates South Asia Pvt. Ltd., REC Power Development & Consultancy Ltd., AICA GC Mumbai Metro, Govt. of Andhra Pradesh, etc. All the attendees took active part in discussions and a range of practical problems were discussed with the presenter. The invited speaker expressed his interest in collaborating further with JUIT Wanknaghat. The webinar was concluded by a vote of thanks by the event coordinator. The content of the session was appreciated by the participants as highlighted by the positive feedback.



**Event Photos:**



REC N Narendra Kumar Yadav is presenting

### RAMBARA, AFTER DISASTER



11:50 Webinar on Glacial Lake Outburst Flood (...)

Participants: Narendra Kumar Y..., Ashish Kumar, Sanjay Kushwaha, Mohan Raju, AMRIT RAJ, 72 others, You.

REC N Narendra Kumar Yadav is presenting

### GLOF PREVENTION METHODS

- Artificial deepening of the natural spillway.
- Blasting the moraine dam.
- Inclined drilling through the moraine dam.
- Driving a tunnel from an adjacent deeper lying valley (Norwegian Method)
- The hydraulic siphon technique (HST)

11:57 Webinar on Glacial Lake Outburst Flood (G...)

Participants: Narendra Kumar Y..., fayaz mir, Ashish Kumar, Sanjay Kushwaha, Mohan Raju, Manoranjan Paul, 73 others, You.

REC N Narendra Kumar Yadav is presenting

### GLOF - MONITORING & EARLY WARNING SYSTEM

C-DAC's GLOF Early Warning System for Sikkim State

- Through extensive research, C-DAC has deployed India's first GLOF Early Warning System for Sikkim to predict GLOFs, which will help the Government authorities in case of an impending GLOF event. The GLOF Early Warning System has the following capabilities:
- Water Level Sensors developed indigenously by C-DAC, has been deployed at Shikho Chho Glacial Lake, North Sikkim.
- The near-real time sensors transmit data through INSAT satellites to control centre at Gangtok (SSC-ST)
- The flood simulation model runs the simulation for various GLOF scenarios. The model is capable of presenting Flood Simulation, Inundation information and Flood Arrival Time, in the event of a glacier lake outburst flood.

12:08 Webinar on Glacial Lake Outburst Flood (...)

Participants: Narendra Kumar Y..., Ashish Kumar, fayaz mir, Sanjay Kushwaha, Mohan Raju, Manoranjan Paul, NISHI GUPTA, 63 others, You.





REC | Narendra Kumar Yadav is presenting

### GLOF - MONITORING & EARLY WARNING SYSTEM

**C-DAC's GLOF Early Warning System for Sikkim State**

- Through extensive research, C-DAC has deployed India's first GLOF Early Warning System for Sikkim to protect GLOF, which will help the Government authorities in case of an impending GLOF event. The GLOF Early Warning System has the following capabilities:
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  - The near-real time sensor transmit data through INSAT satellite to control centre at Gangtokh (NSCPT)
  - The flood simulation model runs the simulation for various GLOF scenarios. The model is capable of presenting Flood Simulation, Inundation information and Flood Arrival Time, in the event of a glacier like outburst flood

N

Narendra Kumar Yadav

f

70 others

#### In-call messages

Let everyone send messages

Messages can be seen only by people in the call and are deleted when the call ends.

**Radhikesh Prasad Nanda** 12:09  
How tunnel ll work when glacier is loaded with heavy rain, if it works, won't it be choked?

**Ashish Kumar** 12:09  
In processing and compiling data of event, after that we will issue certificate

Send a message to everyone

12:11 | Webinar on Glacial Lake Outburst Flood (G... | [Icons: Mute, Video, Chat, Share, Call, End Call]



Unnat Bharat Abhiyan

## AIDS AWARENESS CAMPAIGN

April 17, 2022

Unnat Bharat Abhiyan team of JUIT Wagnaghat organized an AIDS Awareness Campaign on 17 April 2022. In the starting of the campaign a rally was organized from lower Wagnaghat to the main market of Wagnaghat by the members of UBA along with the NCC members of JUIT. Different slogans were raised regarding the HIV prevention. The team also approached local

people of Wagnaghat and talked to them regarding AIDS and how to prevent it. Then all the members visited gram panchayat Wagnaghat to make people aware. And with the enthusiasm of the members and the cooperation of the people this Awareness program was a success.

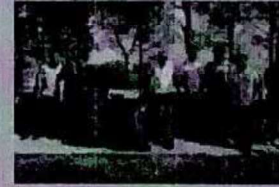


Unnat Bharat Abhiyan

## WORLD ENVIRONMENT DAY CELEBRATED

June 05, 2022

The Unnat Bharat Abhiyan team of JUIT in collaboration with NCC cadets of the JUIT organised a joint cleanliness drive in nearby areas of the campus. The cleanliness drive was organised to celebrate the World Environment Day at JUIT on 5<sup>th</sup> June 2022.





# UNNAT BHARAT ABHYIAN



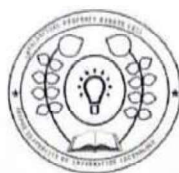
Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234

Unnat Bharat Abhiyan JUIT Waknaghat organized an AIDS Awareness Campaign on 17 April 2022. Following students were present and participated in the event with zeal and enthusiasm.

S.No	Name	Roll No
1	Narendra verma	191337
2	Aditya Tomar	191431
3	Stuti Roy	191046
4	Varun Choda	191504
5	Shivam Mishra	191394
6	Paritosh Senger	191375
7	Shubham Kumar	191358
8	Tarun Bhardwaj	191361
9	Aditya singh	191360
10	Ronit Mahajan	191009
11	Rishik	201543
12	Shivansh Katoch	211381
13	Ritesh Dhiman	211138
14	Raghav	211901
15	Abhishek	201559
16	Paras Sharma	201133
17	Nikhil Jindal	201511
18	Jyotirmay verma	201157
19	Abhishek singh bhullar	211164
20	Tanvi Thakur	201164

*Saurav*  
17/4/2022  
Faculty Coordinator





## Report

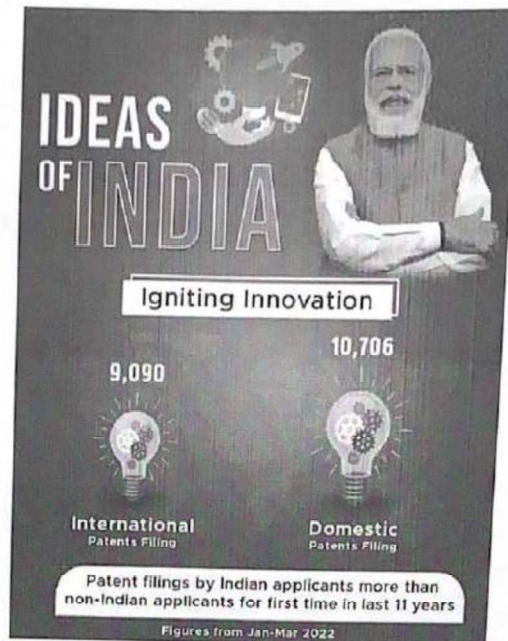
### “WORLD IPR DAY” Celebration with theme “IGNITING INNOVATION”

April 26, 2022 by IPR Cell, JUIT, Solan



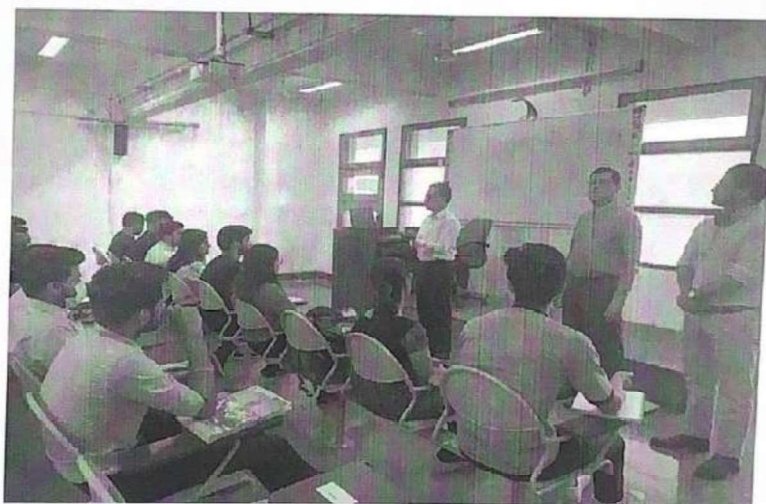
IPR cell, JUIT Wahnaghat celebrated *World IPR day* on April 26, 2022. An interactive session was conducted by Prof. Sudhir Kumar, Head, Department of Biotechnology and Bioinformatics and Coordinator, IPR cell and IPR team on the theme “*Igniting Innovation*”. The event was conducted at 3:00PM. About 64 faculties and students attended the event.

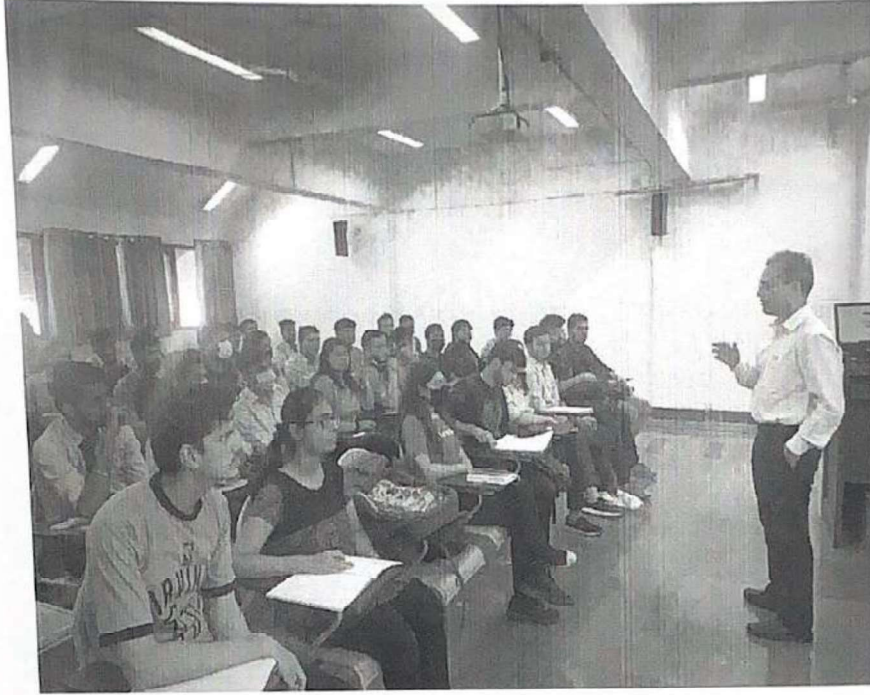




He explained the concept of copyrights, patents, trademarks, and industrial designs by giving real time applications. He further highlighted the need to decipher inventiveness in research projects, art work, and designs. Later Dr. Shruti, explains how we can do innovation in ECE department. Students were motivated by the session.

The IP Team of JUIT (Dr. Sudhir, Dr. Shruti, Dr. Saurabh and Dr. Aman) owe their thanks to HIMCOSTE, Shimla for providing support.





The IP Cell of JUIT assured the participants to answer their queries, if any, in future and assured them to provide all possible assistance in filing their IPs.





Expert Lecture

Kaushal Kumar <kaushal.kumar@juitsolan.in>

## Students interaction with NHAI officials and Work Visit to 'Kandaghat Tunnel and Chambaghat Flyover'

Kaushal Kumar <kaushal.kumar@juitsolan.in>

26 May 2022 at 13:39

To: CE81 <ce81@juitsolan.in>, CE82 <ce82@juitsolan.in>, CE83 <ce83@juitsolan.in>, "Civil Engineering (CE61)" <ce61@juitsolan.in>, ce62@juitsolan.in

Cc: Ashish Kumar <ashish.fce@juitsolan.in>

Dear Students,  
NHAI officials will be visiting JUIT Campus on 27th May 2022.

An interaction session with them is scheduled from 11.00 AM on 27th May 2022.  
After which all students can go along with the NHAI team for site visits in JUIT buses.  
Refreshments will be organised at the site by Airef, Kandaghat.

feel free to contact me in case of any query.

regards  
Mr. Kaushal Kumar  
Asst. Professor  
CED, JUIT  
9891076078



## Lecture on Construction Methodology in Highway Projects

**Date of Event:** May 27, 2022

**Organizers:** Civil Engineering Department, JUIT, and National Highway Authority of India

The Department of Civil Engineering, Jaypee University of Information Technology, along with National Highway Authority of India, organized an interactive session with Civil Engineering students. The interactive session titled, "*Construction Methodology in Highway Projects*," was delivered by Mr. Abdul Basit on 27<sup>th</sup> May 2022 at Jaypee University.

Mr. Abdul Basit is currently working as Regional Officer of NHAI (HP). Prior to joining his current position, Mr. Basit served as the General Manager at NHAI's Uttar Pradesh Regional Office in Lucknow. Mr. Basit also worked as International Projects Engineer at the Canadian MNC, SNC-Lavalin.

The event was inaugurated by Prof. Dr. Ashish Kumar, Head of Department, Civil Engineering, JUIT, Waknaghat. He welcomed all the participants and emphasized on the importance of having interaction with Industry experts. He motivated the students to stay connected with the industry experts to tackle the challenges they face in their corporate lives. The VC, JUIT Waknaghat also addressed the students and motivated them for their prosperous future.

Sh. Basit, lecture emphasised on the construction techniques and use of innovated ways to deal with problems faced at the sites. He stressed about need of good civil engineers in the country. He emphasized that Civil Engineering students need to focus more on basics and rely on their common sense to progress in the career. He also noted that industry usually finds it difficult to recruit and retain good Civil Engineers. He, thus, motivated the students to focus on studies and build a strong foundation.

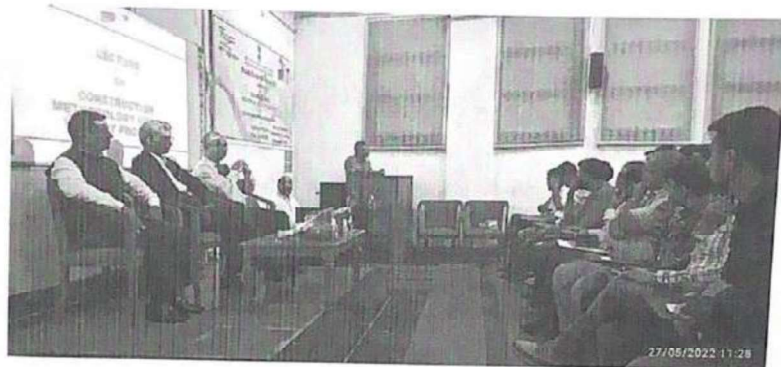
An overwhelming response was received from the students currently in B.Tech. third and final year as well as M.Tech. students. The interactive session was also attended by various engineers and officials from NHAI and Airef Engineers. Faculty members of Civil Engineering Department also attended the session. All the attendees took active part in discussions.



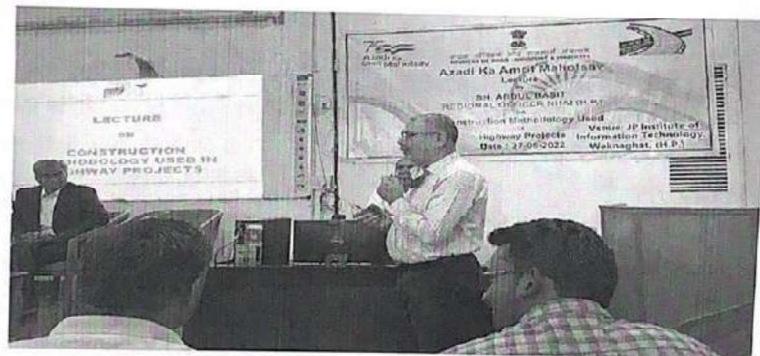




**Mr. Abdul Basit, RO, NHAI (HP) interacting with students at JUIT, Wagnaghat**



**Prof. Ashish, Head CED, inaugurating the Event**



**Prof. R.K. Sharma, VC, JUIT addressing the Audience**





**Department of Civil Engineering**  
**Jaypee University of Information Technology,**  
**Waknaghat (H P) - 173234**

List of participants attended NHAJ lecture by Sh. Abdul Basit, RO NHAJ Himachal Pradesh on 27<sup>th</sup> May 2022 in CR-3.

1	201601	Paras Sharma	B.Tech 3rd year
2	201602	Piyush Chauhan	B.Tech 3rd year
3	201603	Karma Yoezer	B.Tech 3rd year
4	201604	Phurpa Dorji	B.Tech 3rd year
5	201605	Dechen Wangmo	B.Tech 3rd year
6	201606	Sonam Pelzom	B.Tech 3rd year
7	201609	Pradyumn Sharma	B.Tech 3rd year
8	201612	Jitender Verma	B.Tech 3rd year
9	201614	Shashwat Nandan Sharma	B.Tech 3rd year
10	201615	Neeyati Gupta	B.Tech 3rd year
11	201617	Pramod Kumar	B.Tech 3rd year
12	201618	Astha Sharma	B.Tech 3rd year
13	201619	Jatin Gupta	B.Tech 3rd year
14	201620	Saurabh Kharyal	B.Tech 3rd year
15	201621	Sharad Singh	B.Tech 3rd year
16	201623	Chandan	B.Tech 3rd year
17	201625	Arushi	B.Tech 3rd year
18	201626	Prateek Sharma	B.Tech 3rd year
19	201627	Pranjal Srivastava	B.Tech 3rd year
20	201628	Ankit Ravi	B.Tech 3rd year
21	201629	Avishya Jaswal	B.Tech 3rd year
22	201631	Karan Sharma	B.Tech 3rd year
23	201632	Utkarsh Singh	B.Tech 3rd year
24	201634	Divyam Nagraik	B.Tech 3rd year
25	201635	Somender	B.Tech 3rd year
26	201637	Aditya Rana	B.Tech 3rd year
27	201638	Kanav Sharma	B.Tech 3rd year
28	201639	Sidharth Dogra	B.Tech 3rd year
29	201642	Mohit Thakur	B.Tech 3rd year
30	181636	Suksham Sharma	B.Tech 4th year
31	191009	Ronit Mahajan	B.Tech 4th year
32	191437	Shivankar Partap Singh Guleria	B.Tech 4th year
33	191601	Shubham Sharma	B.Tech 4th year
34	191602	Ayush Thakur	B.Tech 4th year
35	191603	Nischay Thakur	B.Tech 4th year
36	191604	Deepak Thakur	B.Tech 4th year
37	191605	Harish Singh Kanwar	B.Tech 4th year
38	191606	Avinash	B.Tech 4th year
39	191607	Naman Bhardwaj	B.Tech 4th year
40	191608	Sumit Chahar	B.Tech 4th year



41	191609	Hardik Dhillon	B.Tech 4th year
42	191610	Rijul Thakur	B.Tech 4th year
43	191611	Ishan Singa	B.Tech 4th year
44	191612	Paras Jaswal	B.Tech 4th year
45	191613	Ujjwal Sharma	B.Tech 4th year
46	191614	Akhil Janawa	B.Tech 4th year
47	191615	Manan Sharma	B.Tech 4th year
48	191616	Arjun Verma	B.Tech 4th year
49	191617	Astik Prashar	B.Tech 4th year
50	191618	Manish	B.Tech 4th year
51	191620	Lakshay Sharma	B.Tech 4th year
52	191621	Aryan Singh	B.Tech 4th year
53	191622	Apoorav Bedi	B.Tech 4th year
54	191624	Devendra Ahlay	B.Tech 4th year
55	191625	Jeewan Biswa	B.Tech 4th year
56	191626	Karma Choden	B.Tech 4th year
57	191627	Pem Dorji	B.Tech 4th year
58	191628	Rada Wangmo	B.Tech 4th year
59	191629	Tenzin Wangchuk	B.Tech 4th year
60	191630	Ugyen Phuntsho	B.Tech 4th year
61	191631	Yeshi Jatsho	B.Tech 4th year
62	191632	Ujjwal Tyagi	B.Tech 4th year
63	191633	Vardhan Khajuria	B.Tech 4th year
64	212651	Ananay Sambyal	M.Tech 1st Yr.
65	212652	Ayush	M.Tech 1st Yr.
66	212653	Nikhil Gupta	M.Tech 1st Yr.
67	212654	Manish Kumar	M.Tech 1st Yr.
68	212655	Digvijay Singh Thakur	M.Tech 1st Yr.

*Kaushal Kr.*  
*27/05/22*

(Mr. Kaushal Kumar)  
Training & Placement Coordinator  
Dept. of Civil Engineering





VISIT

Kaushal Kumar <kaushal.kumar@juitsolan.in>

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## Students interaction with NHA officials and Work Visit to 'Kandaghat Tunnel and Chambaghat Flyover'

---

Kaushal Kumar <kaushal.kumar@juitsolan.in>

26 May 2022 at 13:39

To: CE81 <ce81@juitsolan.in>, CE82 <ce82@juitsolan.in>, CE83 <ce83@juitsolan.in>, "Civil Engineering (CE61)" <ce61@juitsolan.in>, ce62@juitsolan.in

Cc: Ashish Kumar <ashish.fce@juitsolan.in>

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Refreshments will be organised at the site by Airef, Kandaghat.

feel free to contact me in case of any query.

regards  
Mr. Kaushal Kumar  
Asst. Professor  
CED, JUIT  
9891076078



## Construction Site Visit to Solan–Kaithleeghat Highway

**Date of Event:** May 27, 2022

**Organizers:** Civil Engineering Department, JUIT, and National Highway Authority of India

B.Tech. 3<sup>rd</sup> and 4<sup>th</sup> year along with M.Tech. Structures students of Civil Engineering Department, JUIT, Waknaghat along with three faculty members visited NHAI's tunnel Construction Site at Kandaghat, Solan and Bridge Site No. 115, Kandaghat, Solan on May 27, 2022. Approximately 55 students assembled at 12:30 pm at the main gate of JUIT and left the campus in two university buses that were arranged for the occasion. The buses reached the first destination, Tunnel site in Kandaghat, by 1:00 pm. The engineers working at the site apprised the students about methodology used for tunnel construction as well as various challenges faced during such projects. After the tunnel site, AIREF Engineers organized a few snacks for the students and faculty at their office. The students were then taken to the Bridge site No. 115 where description of bridge design and construction techniques was given to the students by the design engineers.

### **Aim of Construction Site Visit:**

Civil Engineering students require more practical experience to excel in the field. Hence, by organizing site visits, the students are introduced to various aspects of the profession. Furthermore, such visits give opportunity to students to develop their professional network and secure future internships and jobs.

### **Details of Industrial Visit are as below:**

#### **Kandaghat Tunnel construction site and Bridge No. 115, Kandaghat, Solan, H.P.**

- Date of Visit: 27<sup>th</sup> May 2022
- Under the Co-operation of: NHAI and Sushil Ahuja, Project Manager, AIREF
- Faculty during visit: Dr. Sugandha Singh, Mr. Niraj Parihar, and Mr. Kaushal Kumar
- No of Students: 55 [3<sup>rd</sup> Year - 21, 4<sup>th</sup> Year - 29 and M-Tech Structures – 05 of Department of Civil Engineering, JUIT Waknaghat]

### **Description of Visit:**

National Highway 22 (Now NH-5) originates at its junction with NH-1 at 'Ambala' in Haryana and ends at 'Khab' in Himachal Pradesh. Govt. of India through National Highways Authority of India (NHAI) has taken up the work of "Four Laning of Solan to Kaithlight of NH – 22 (now NH-05) from Km. 106+139 to Km. 129+0.5 under NHDP Phase-III on EPC mode pattern in the state of Himachal Pradesh". M/s. Airef Engineers Pvt. Ltd. & Prakash Asphaltings & Toll Highways (I) Ltd. has been awarded the project through competitive bidding. EPC Contractor M/s. Airef Engineers Pvt. Ltd. & Prakash Asphaltings & Toll Highways (I) Ltd. has appointed M/s Saanvi Infrastructure Pvt. Ltd. as "Design Consultant" for the work of detailed engineering design.



### **Tunnel at Kandaghat:**

Tunnel at Kandaghat is 460 m in length with bottom width 10.7 meter, followed by 390 m of railway over bridge, in order to accommodate two lane carriage way for bi-directional traffic connecting Solan to Kaithlight in Himachal Pradesh.

Officials from NHA and Airef Engineers on site provided practical insights to the students about latest machinery being used for the construction of tunnel in tough terrain in the regions.

### **Minor Bridge (Steel) near Kandaghat:**

The Bridge is 35m long skew bridge having a width of 20m. Its girder is made up of built-up I-sections. It's a 4 lane bridge. It has the super elevation of 15 degree. The bridge is located 1 Kilometer from Kandaghat railway station towards Solan.

Officials on site provided practical insights to the students about latest machinery being used for the construction of tunnel in tough terrain in the regions.

### **Pictures from Site:**

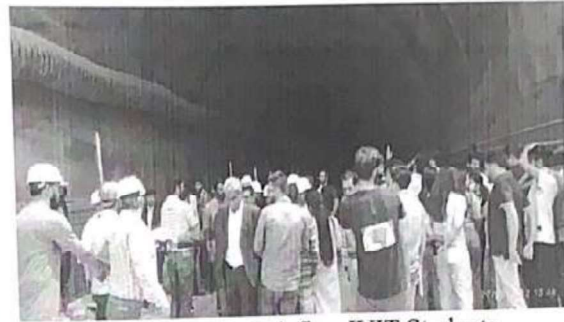


**Jaypee University Student along with NHA officials and Airef's Engineers at  
Kandaghat Tunnel Site.**





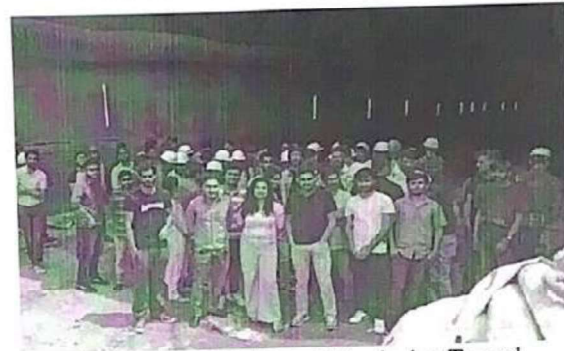
JUIT Students inside Kandaghat site Tunnel



NHA officials Briefing JUIT Students



Q&A session between Aircf's Engineers



4<sup>th</sup> Year JUIT Students at Kandaghat Tunnel



Bridge Site Visit near Kandaghat



Students inspecting R/F of the Bridge Deck





Department of Civil Engineering  
Jaypee University of Information Technology,  
Waknaghat (H P) - 173234

List of students visited the Tunnel Site at Kandaghat and Bridge No. 115, Solan on 27th May 2022

Sno.	Roll No.	Name of Student	Year	Signature
1	191009	Ronit Mahajan	B.Tech 4th year	Ronit
2	191437	Shivankar Partap Singh Guleria	B.Tech 4th year	Shivankar
3	191601	Shubham Sharma	B.Tech 4th year	Shubham
4	191602	Ayush Thakur	B.Tech 4th year	Ayush
5	191603	Nischay Thakur	B.Tech 4th year	Nischay
6	191604	Deepak Thakur	B.Tech 4th year	Deepak
7	191605	Harish Singh Kanwar	B.Tech 4th year	Harish
8	191606	Avinash	B.Tech 4th year	Avinash
9	191607	Naman Bhardwaj	B.Tech 4th year	Naman
10	191608	Sumit Chahar	B.Tech 4th year	Sumit
11	191609	Hardik Dhillon	B.Tech 4th year	Hardik
12	191610	Rijul Thakur	B.Tech 4th year	Rijul
13	191612	Paras Jaswal	B.Tech 4th year	Paras
14	191614	Akhil Janawa	B.Tech 4th year	Akhil
15	191616	Arjun Verma	B.Tech 4th year	Arjun
16	191617	Astik Prashar	B.Tech 4th year	Astik
17	191618	Manish	B.Tech 4th year	Manish
18	191620	Lakshay Sharma	B.Tech 4th year	Lakshay
19	191622	Apoorav Bedi	B.Tech 4th year	Apoorav
20	191624	Devendra Ahlay	B.Tech 4th year	Devendra
21	191625	Jeewan Biswa	B.Tech 4th year	Jeewan
22	191626	Karma Choden	B.Tech 4th year	Karma
23	191627	Pem Dorji	B.Tech 4th year	Pem
24	191628	Rada Wangmo	B.Tech 4th year	Rada
25	191629	Tenzin Wangchuk	B.Tech 4th year	Tenzin
26	191630	Ugyen Phuntsho	B.Tech 4th year	Ugyen
27	191631	Yeshe Jatsho	B.Tech 4th year	Yeshe
28	191632	Ujjwal Tyagi	B.Tech 4th year	Ujjwal
29	201639	Sidharth Dogra	B.Tech 3rd year	Sidharth





30	201642	Mohit Thakur	B.Tech 3rd year	<i>Mohit</i>
31	191633	Vardhan Khajuria	B.Tech 4th year	<i>V. Khajuria</i>
32	201601	Paras Sharma	B.Tech 3rd year	<i>Paras Sharma</i>
33	201602	Piyush Chauhan	B.Tech 3rd year	<i>Piyush</i>
34	201603	Karma Yoezer	B.Tech 3rd year	<i>Karma</i>
35	201604	Phurpa Dorji	B.Tech 3rd year	<i>Phurpa Dorji</i>
36	201609	Pradyumn Sharma	B.Tech 3rd year	<i>Pradyumn Sharma</i>
37	201612	Jitender Verma	B.Tech 3rd year	<i>Jitender</i>
38	201614	Shashwat Nandan Sharma	B.Tech 3rd year	<i>Shashwat</i>
39	201615	Neeyati Gupta	B.Tech 3rd year	<i>Neeyati</i>
40	201617	Pramod Kumar	B.Tech 3rd year	<i>Pramod Kumar</i>
41	201618	Astha Sharma	B.Tech 3rd year	<i>Astha</i>
42	201619	Jatin Gupta	B.Tech 3rd year	<i>Jatin</i>
43	201620	Saurabh Kharyal	B.Tech 3rd year	<i>Saurabh</i>
44	201621	Sharad Singh	B.Tech 3rd year	<i>Sharad</i>
45	201623	Chandan	B.Tech 3rd year	<i>Chandan</i>
46	201625	Arushi	B.Tech 3rd year	<i>Arushi</i>
47	201626	Prateek Sharma	B.Tech 3rd year	<i>Prateek S</i>
48	201627	Pranjal Srivastava	B.Tech 3rd year	<i>Pranjal</i>
49	201628	Ankit Ravi	B.Tech 3rd year	<i>Ankit</i>
50	201629	Avishya Jaswal	B.Tech 3rd year	<i>Avishya</i>
51	212651	Ananay Sambyal	M.Tech 1st Yr.	<i>Ananay</i>
52	212652	Ayush	M.Tech 1st Yr.	<i>Ayush</i>
53	212653	Nikhil Gupta	M.Tech 1st Yr.	<i>Nikhil</i>
54	212654	Manish Kumar	M.Tech 1st Yr.	<i>Manish</i>
55	212655	Digvijay Singh Thakur	M.Tech 1st Yr.	<i>Digvijay</i>

*Kaushal K.*  
27/5/22  
(Mr. Kaushal Kumar)  
Training & Placement Coordinator  
Dept. of Civil Engineering



Educational Visit

## ACADEMIC VISIT TO IMTECH, CHANDIGARH

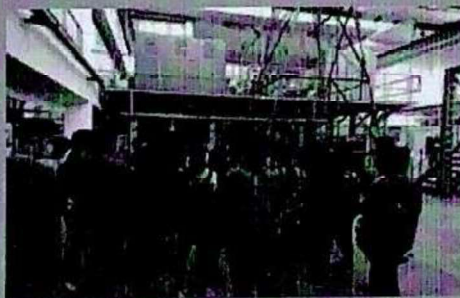
May 05, 2022

An academic visit was carried out to Institute of Microbial Technology (IMTECH), Chandigarh on 5<sup>th</sup> May 2022 for MSc Microbiology and BTech Bioinformatics first year students. The purpose of the visit was to expose students to various research activities undertaken in the premier research institution in government sector, and to give students a chance to interact with scientists and scholars working on cutting-edge microbiology, biotechnology and bioinformatics related research.



Dr Tiratha Raj Singh and Dr Gopal Singh Bisht both Associate Professors in the Department of Biotechnology and Bioinformatics, along with 37 students visited IMTECH. Dr. Kailash T.

Bhamare coordinated the visit from the side of IMTECH. Dr. Kailash addressed the students and explained major research themes undertaken by the institute which included microbial technology and bioinformatics. After Dr. Kailash's briefings about the institute, the students were taken to a detailed tour of the institution. Students were shown all the experimental and computational facilities available in the institute at various research labs and central facilities. Last visit of the day was in the Virology and Bioinformatics lab of Dr. Manoj Kumar. Students enjoyed the facilities available at the institution and learned so many new and interesting things during this visit. The whole tour took more than 4 hours and students got a feel for microbiology, biotechnology and bioinformatics research at the institute. Students benefited from getting an opportunity to relate their theoretical knowledge to practical implications. The JUIT team extended gratitude to the Director, IMTECH for his permission and support to make this visit possible. Special thanks to host Dr. Manoj Kumar and Dr. Kailash for their wonderful hospitality during the visit.



Educational Visit

## VISIT TO NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE, MOHALI

May 12, 2022

An academic visit was carried out to National Agri-Food Biotechnology Institute (NABI), Sector 81, Mohali on 12<sup>th</sup> May 2022 for M.Sc and B.Tech Biotechnology first year students. The purpose of the visit was to expose students to various research activities undertaken in the premier research institution in government sector, and to give students a chance to interact with scientists and scholars working on cutting-edge biotechnology research. It was also an opportunity for the students to see the latest infrastructure used in the biotechnology sector.

National Agri-Food Biotechnology Institute is the very first food biotechnology institute established



by Department of Biotechnology, Government of India. The institute's mandate is to carry out research in agri-food sector and improving nutritional quality through biotechnology research. It is established with an aim to become a center of excellence to provide leadership in agri-food research. Dr. Abhishek Chaudhary and Dr. Rahul Shrivastava along with 19 students visited NABI. At NABI the JUIT group was received by Dr.

Kaushik Majumdar. Dr. Kaushik Majumdar addressed the students and explained major research themes undertaken by the institute which included agricultural biotechnology, food and nutrition biology, development of high yield crops, genomics and computational biology, and nutraceuticals for better health.

After Dr. Majumdar's address, the students were taken to the instrumentation facility by Mr. Jagdeep Singh, and he showed the students various equipments used in biotechnology research at NABI. Students were shown gas chromatography and liquid chromatography systems and their functions were explained to



them. Mr. Jagdeep Singh also showed and explained the equipment for high performance thin layer chromatography, scanning electron microscopy facility and particle size separator. Students were then taken for a tour to high performance tissue culture facility. They were shown and explained the purpose of clean air areas fitted with high efficiency particulate air (HEPA) filters and air showers.



Workshop on

## ENVIRONMENT AND SUSTAINABILITY

June 09, 2022

Department of Biotechnology, IIIT, Noida, and Department of Biotechnology and Bioinformatics, JUIT jointly organized a workshop on "Environment and Sustainability". The workshop was scheduled on June 9<sup>th</sup>, 2022, at Aryabhata Bhavan III (IIIT) and Board Room (JUIT). Dr. Garlapati Vijay Kumar served as the coordinator for the workshop for JUIT and Dr. Indira was coordinator from IIIT. The program was started with the welcome speech by Prof. S.C. Saxena (Pro-Chancellor, IIIT), followed by Prof. B.R. Mehta (Director, DIRD, IIIT), Prof. Pammi Gauba (HOD, BT, IIIT) and Prof. Sudhir Kumar (HOD, BT & BI, JUIT). After that, Prof. Sunil Khare (IIT Delhi) gave a technical speech on "Extremophiles in Biotechnology" followed by the technical sessions of Dr. Sudesh Kumar (CIAB, Mohali) on "Sustainable approaches in Agri-Food Sector" and Prof. S.K.Soni (Punjab University, Chandigarh) on "Recent Trends in

Biofuel/ Bioenergy". The afternoon session started with the research talks by Prof. S. Krishna Sundari (IIIT), Dr. A.Mathur (IIIT), Prof. Sudhir Kumar (JUIT), and Dr.Garlapati Vijay Kumar (JUIT) on the frontier sections on "Environment and Sustainability". The program was concluded with the discussion and outcomes by Prof. Pammi Gauba (HOD, BT, IIIT) and Prof. Sudhir Kumar (HOD, BT & BI, JUIT) for possible research collaborations between sister institutions (JUIT & IIIT). 50 participants, including Faculty Members (JUIT & IIIT), Research Scholars (JUIT & IIIT), M.Tech, B.Tech, and M.Sc. students have participated (Offline and Virtual modes) in this workshop.

The deliberations helped IIIT and JUIT faculty for near future collaborations in research ventures in the field of Environment and Sustainability.

