

Study tour (07 October 2017)

INDUSTRIES / ACADEMIC VISIT

Academic institution visit (a part of Industrial visit) was carried out at Central Research Institute, Kasauli- HP on 07th October 2017 especially for the third semester students. The purpose of the visit was to make students aware about how various activities related to microbiology, vaccine, antisera and diagnostic reagent production are carried out in Govt. research institution. This was also to provide



them feel of biotechnology applications as soon as they start their course.

Central Research Institute (CRI) is a premier research institution dedicated to research in the field of medical and public health, manufacture of vaccines and antisera, human resource development and to act as a national referral centre for public health problems. The contribution of the Institute towards vaccine production during the period of the Second World War for the immunization of troops to keep them fighting, finds no parallel.

Recent developments in regulatory requirements and introduction of Schedule M



concept in vaccine manufacturing emphasized the need of cGMP compliant infrastructure and processes. Creation of cGMP compliant DPT production facility has made CRI as the first Central Government Institute to have cGMP compliant infrastructure for vaccine production.

Dr. Sudhir Syal, Dr. Udaybhanu along with 32 students visited the research institute located in Kasauli – H.P. The faculty member had an interaction with CRI Director –Dr. Ajay Kumar Thalan and briefed him about the program of the department. The areas were identified for possible collaboration of JUIT-CRI. Mrs Preet Thakur of CRI guided the JUIT team to the respective laboratory, where an orientation of institution was given by Mrs. Thakur about history and main products developed at CRI. After introduction, all students were divided in two groups of 16 each and were headed by one staff member of respective research lab who helped them to understand the research work going on the respective lab.

Students took almost three hour to see complete set of instruments and production facilities of vaccine manufacturing. This was followed by questions of students. The JUIT team appreciated staff member who guided students and answers their queries.



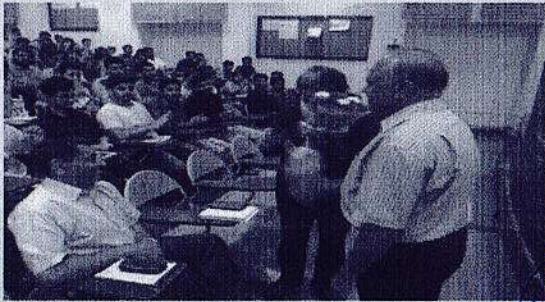
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MOTIVATIONAL TALK

By Dr. AJV Prasad
(17 Aug. 2017)

Dr. AJV Prasad, Additional Chief Secretary, Govt. of Himachal Pradesh delivered a motivational talk to the students of the university on August 17, 2017. More than 200 students attended and benefitted from the lecture. Dr. Prasad was

felicitated by Prof. Vinod Kumar, Vice-Chancellor, JUIT. Maj Gen Rakesh Bassi (Retd), Registrar & Dean of Students; and Dr. Amit Srivastava, Associate Professor, HSS, were also present during the lecture.

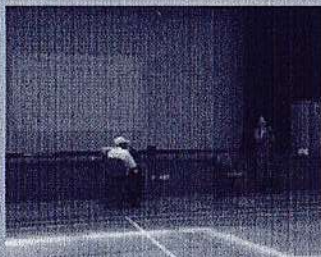


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MINDFULNESS

By Dr. Shalini Dhadwal
(13 Sept. 2017)

Dr. Shalini Dhadwal, Psychologist Counselor of the University, conducted a half-day lecture-cum-workshop



on "Mindfulness", on September 13, 2017. The lecture was specifically for the first-year students, however, it was open for others also. More than 350 students participated and benefitted from the lecture. Dr. Rakesh Bajaj,



Associate Professor, Maths, and Dr. Amit Srivastava, Associate Professor, HSS, were also present during the lecture.



#HACKTOBERFEST

Workshop cum Hands-on-GitHub

A Hacktoberfest event was conducted as workshop cum hands on GitHub and the open source technologies on 30th Oct, 2017. The workshop covered the topics on GitHub fundamentals, real-time synchronization and related technologies. The workshop has attracted more than 80 students from different streams of engineering.



#HacktoberFest

Workshop cum Hands-on-GitHub



A sprint of Introductory session over
GitHub and the Open-source Technologies.

Topics to be covered:

- ✓ GitHub Fundamentals
- ✓ Realtime Code Synchronization
- ✓ Draft Push / Pull requests.
- ✓ Contribution to live open source projects
- ✓ Host and Deploy your own GitHub Profile
- ✓ Issues and Release Management
- ✓ Markdown Based Documentation

Prerequisite: Have dream to be a developer...
Just Bring Your **Charged Laptops** and

**Claim your own free
GitHub T-Shirt**

Schedule:
Monday, 30th October 2017 | LT - 1 / LT- 2
Software Installation & Setup: 5:00PM - 5:30PM
Hands-on-GitHub: 5:30PM - 7:30PM

Contact details:
@BashCloud: - 9817225332
@Prashasy: - 7275697998

Technology Incubation & Entrepreneurship Development Cell, JUIT



EXPERT LECTURE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Prof. Peter Macfarlane, Electro cardiologist, University of Glasgow visited JUIT on Oct 09, 2017 and delivered expert lecture on “Mobile Phones, Wearable’s, Artificial Intelligence and Your Heart !”

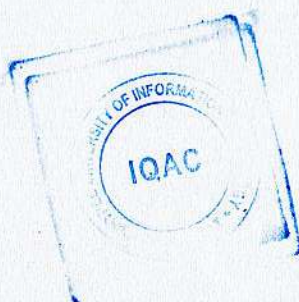
Peter Macfarlane major interest throughout has been the application of computer techniques to ECG interpretation. He is particularly interested in differences in ECG appearances due to age, gender and ethnicity. As a result, he has influenced international guidelines for the ECG definition of acute myocardial infarction. In addition, he has established an ECG Core Laboratory for handling ECGs recorded in national and international clinical trials and epidemiological studies.

Professor Macfarlane is a Fellow of many learned Societies. He was also President of the Board of Computing in Cardiology from 2008-2014 and is currently Treasurer of the International Society of Electrocardiology. In 2000, he was awarded a DSc on the basis of his contribution to research in his own field. He was also jointly awarded the 1998 Rijlant International Prize in Electrocardiology by the Belgian Royal Academy of Medicine.

Students of B.Tech and M.Tech attended the lecture and interacted with him enthusiastically. He is one of the judges for Poster presentation which was organised by Technovatorz, Electronics Club. He also visited ECE department and the laboratories.

Coordinators of the event : Dr Shruti Jain and Dr Meenakshi Sood









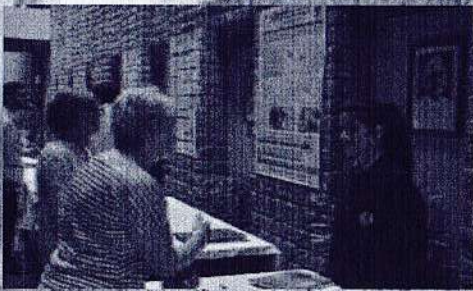
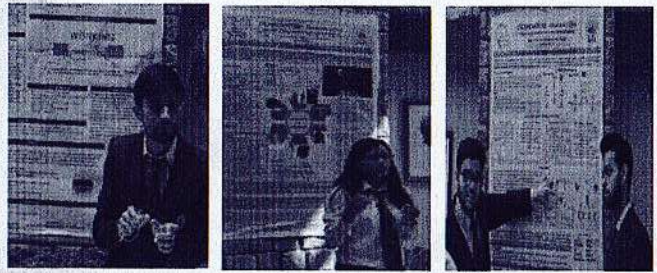
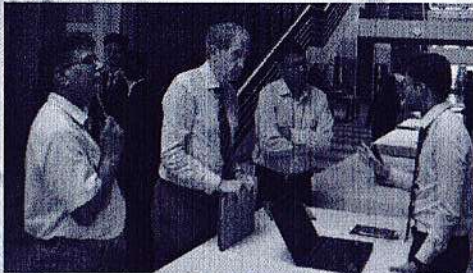
Poster Competition (09 October 2017)

POSTER PRESENTATION COMPETITION

On 9th October 2017 (Morning), Poster Presentation Competition presented by TECHNOVATORZ Electronics Club of JUIT started with a great zeal among the students. In total, 16 teams participated with topics like Smart Fabrics, Dr. Robo, Memristor, Artificial Intelligence, 5G Technology, Home Automation and Posture Correction.

Dr. Peter Macfarlane (Electro cardiologist, Professor, University of Glasgow), Dr. Hemraj Saini (CSE Department) and Dr. Ganshyam Singh (ECE Department) were the esteemed judges of the competition. The judges selected best

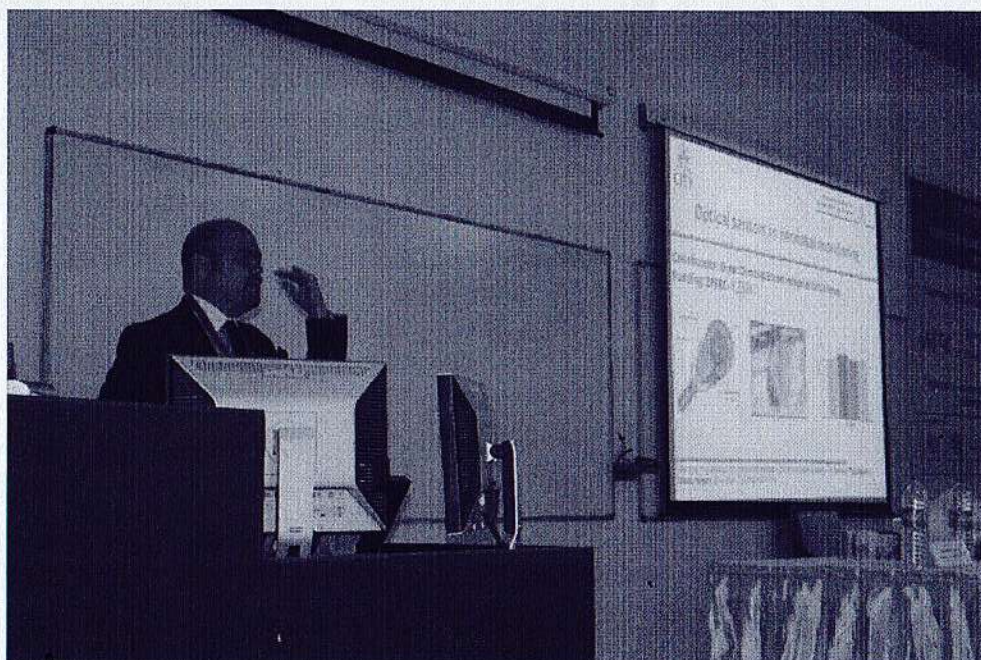
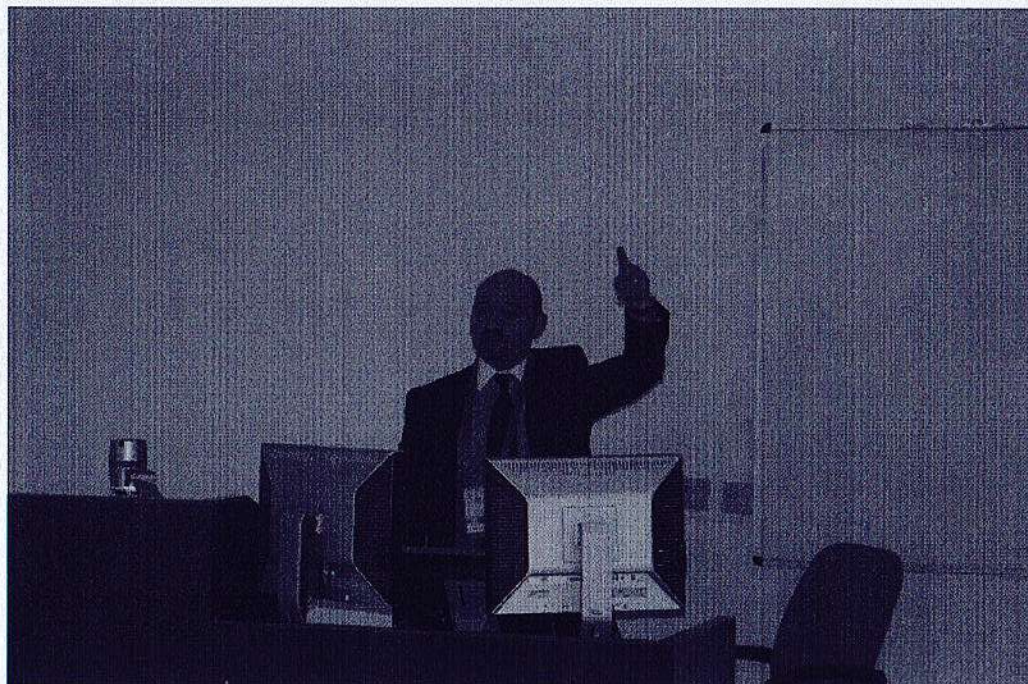
posters on basis of theme, presentation and innovative ideas of participants. After the scrutiny ended, everyone gathered for a meeting in the board room where the prize distribution ceremony was held. Prizes were given to the winners Anuj Purwar and Mohit Patel (Topic: Automated Water Management) and the runner-up was Akilesh Kumar (Topic: Self Driven Cars). The participants were also given 'Certificates of participation'. The event ended with the words of appreciation by HOD ECE Department Prof. (Dr.) Sunil Bhooshan. The event was coordinated by Dr. Ashwani Sharma, Mr. Mohit Garg and student coordinators.



**Prof. Panicos Kyriacou, Professor of Biomedical Engineering City University London
visited JUIT and delivered an Expert Lecture**

“Sensors and Signals in Clinical Monitoring and Diagnosis of Disease”

on Sept 21, 2017



Prof Kyriacou is a member of the Royal Academy of Engineering panel for Biomedical Engineering and the Healthcare Science Advisory Group at NHS London where he acts as an ambassador for Biomedical Engineering both nationally and internationally. He is a fellow of



IoP, IPEM and The Institute of Engineering and Technology (IET). Professor Kyriacou is a chartered Engineer (CEng), chartered Physicist (CPhys) and chartered Scientist (CSci). He also offers his charitable services to the World Health Organisation (WHO) and UNESCO in the field of medical equipment management in developing countries. In March 2015 Professor Kyriacou has been elected to the prestigious post of President-Elect of the European Alliance for Medical and Biological Engineering & Science (EAMBES).

Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholar and discussed about the latest research issues.

Coordinators : Dr. Meenakshi Sood, Dr. Shruti Jain



Prof. (Dr.) H.K. SARDANA Chief Scientist, CSIO Chandigarh visited JUIT and delivered an Expert Lecture

“Medical Imaging – Acquisition Processing Analysis & Applications”

**On
Sept 21, 2017**



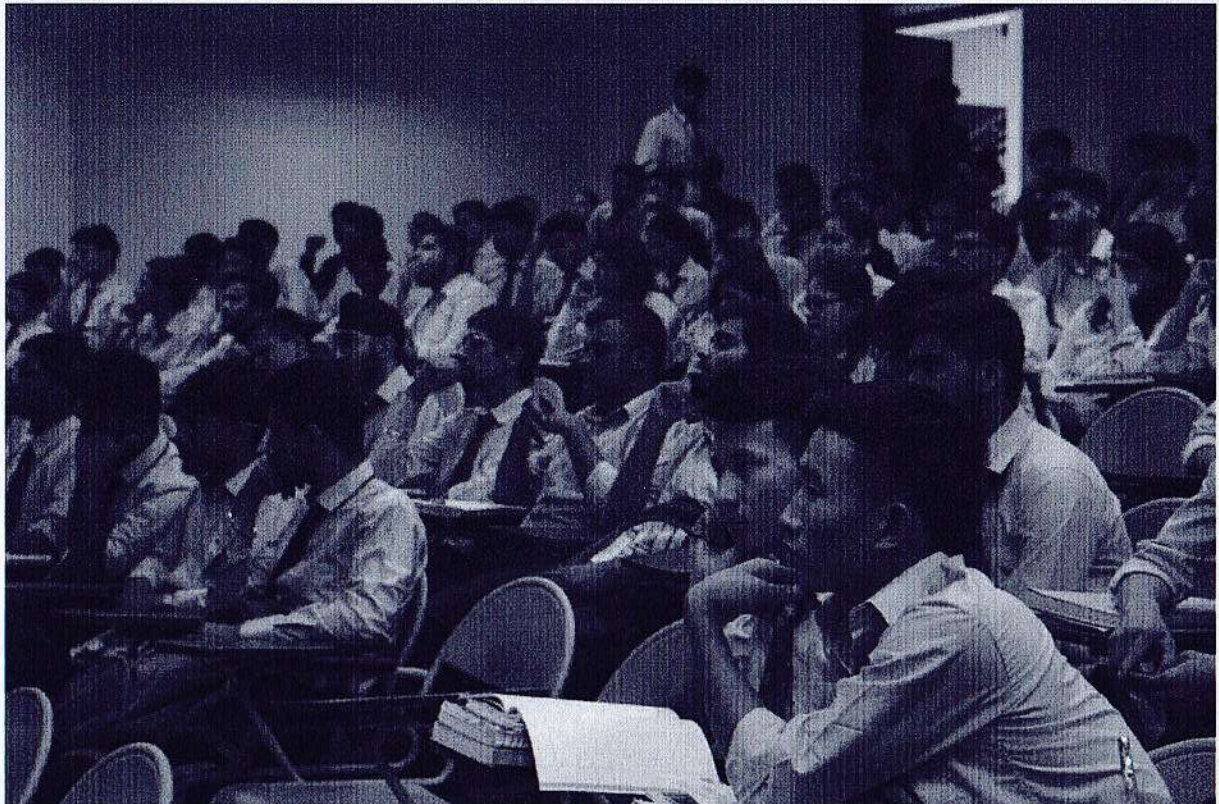
Dr. Sardana is Chief Scientist & co-coordinator of integrated M.Tech, integrated PhD, and PhD program at CSIO Chandigarh. He also has held the positions of Head (Computational



Instrumentation), Head (HRD), and Head (IPR) at same organization. Apart from the administrative positions, he has been published 29 research papers in reputed journals, filled 32 patents, and 18 patents granted. He also has been completed 8 research projects.

Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholar and discussed about the latest research issues.

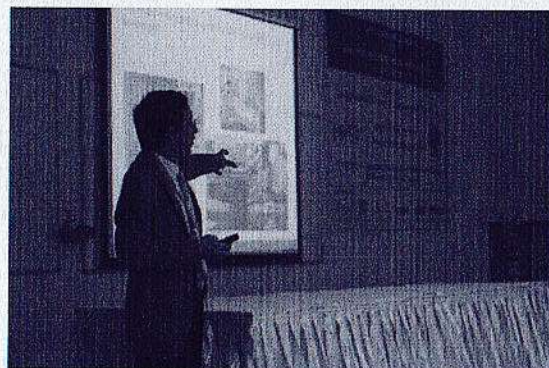
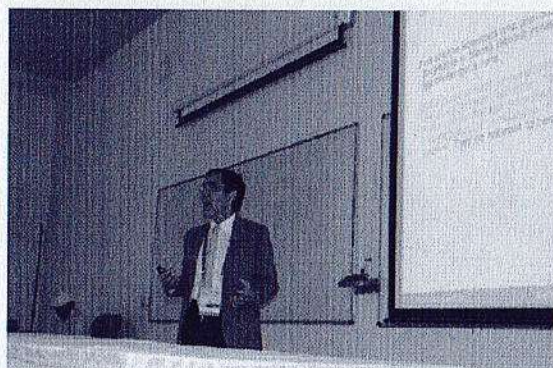
Coordinators : Dr. Meenakshi Sood, Dr. Shruti Jain



Prof. Dinesh Kant Kumar, (Biomedical Engineering), RMIT University, Melbourne, Australia visited JUIT and delivered an Expert Lecture

“Development of Advanced Image and Signal Processing Techniques for Disease Diagnostic Devices: Process and Examples”

on Sept 22, 2017



There has been significant progress in medical technology that provides early stage and detailed diagnosis of many diseases. This has enhanced the longevity and quality of life and we are now living longer and healthier, and significantly more independent. We are also able to perform relevant functional activities for significant period. However, many of these diagnostics can be performed only in major hospitals and require significant infrastructure such as qualified personnel, buildings, and electricity. This greatly limits the benefits of the technologies to be located in large urban centres.

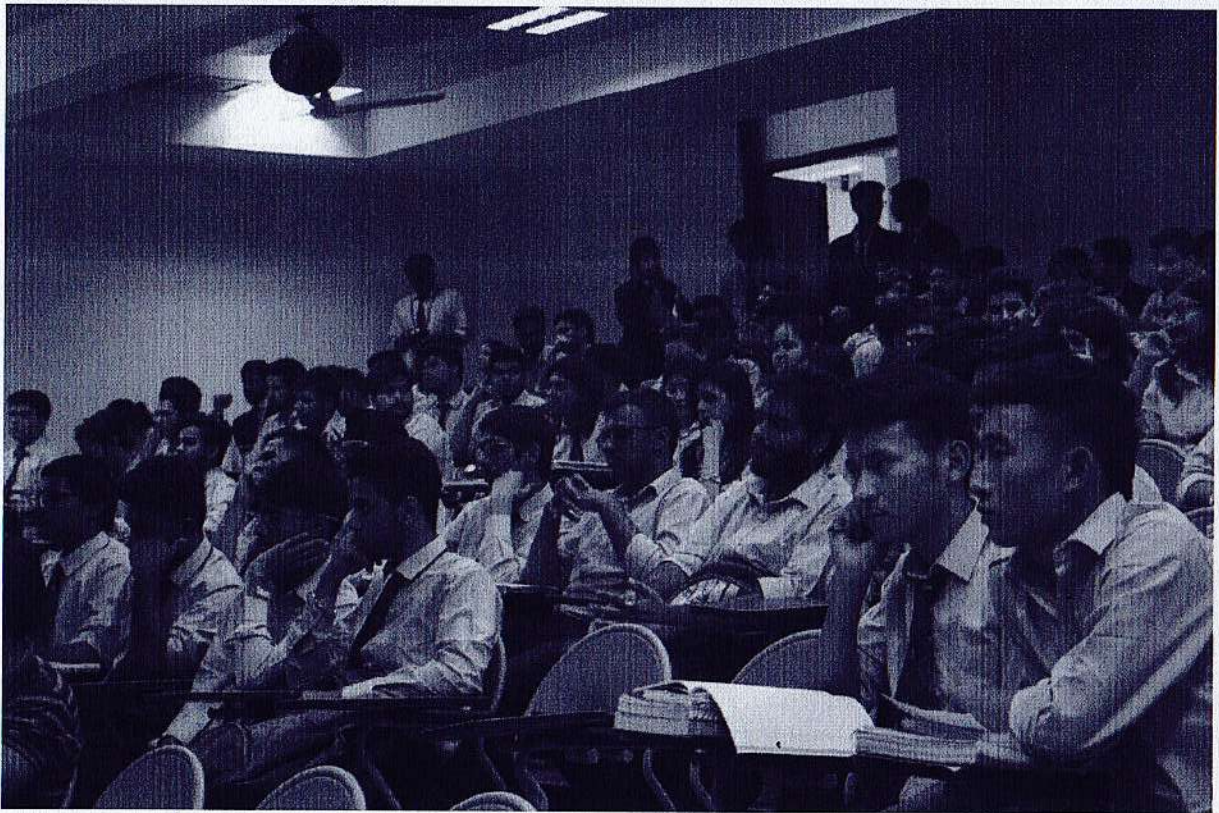
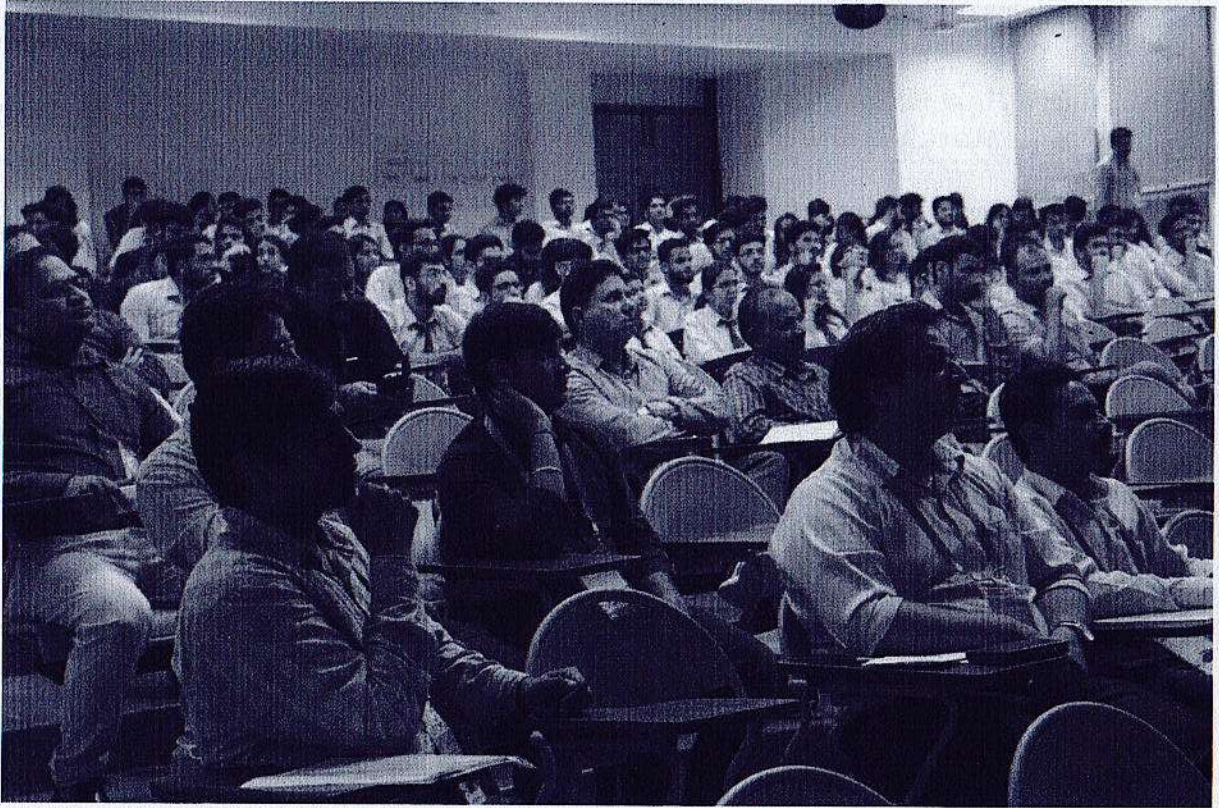
Prof Dinesh has been working towards changing the above paradigm and works for the development of diagnostic devices that are suitable for being used in remote regions by untrained healthcare personnel. Such devices provide automation of recording and analysis of the data, thereby do not require large buildings, and are suitable for the target audience. The success of such diagnostic devices is based on the development of advanced image and signal processing techniques that makes these devices noise tolerant and provide good quality diagnostics without high quality infrastructure.

This seminar, Prof Dinesh has discussed the process and provides examples of such technologies.

Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholar and discussed about the latest research issues.

Coordinators : Dr. Meenakshi Sood, Dr. Shruti Jain







POPULAR LECTURE SERIES

ISSUES RELATED TO ENVIRONMENT

By Dr. Vandana Shiva
(23 Sept. 2017)



Jaypee University of Information and Technology, Wakhnaghat organized a Popular Lecture Series by eminent speaker Dr. Vandana Shiva on "Issues related to Environment" on 23 September 2017. Lecture series was a joint effort of Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE) and Jaypee University of Information Technology (JUIT). Prof. Samir Dev Gupta (Director & Academic Head) and Maj. General (Retd.) Sh. Rakesh Bassi facilitated and extended a warm welcome to guests. Sh. Kunal Satyarthi (IFS, Joint Member Secretary- HIMCOSTE) planned the event, introduced the programs and working of HIMCOSTE to participants. Dr. Sudhir Kumar (Acting Head, Department of BT & BI), and Dr. Shruti Jain (Associate Professor, Department of ECE) coordinated the event at JUIT.

Dr. Vandana Shiva is a trained Physicist and did her Ph.D. from the University of Western Ontario in Canada. Dr. Shiva founded an independent institute, the research foundation for Science, Technology and Ecology in Dehradun dedicated to high quality and independent research to address the most significant current ecological and social

issues. In 1991, she founded Navdanya, a national movement to protect the diversity and integrity of living resources. Navdanya's efforts have resulted in serving more than 5,00,000 men and women farmers & conservation of more than 3000 rice varieties from all over the country and have established 60 seed banks in 16 states across the country. In 2004, she started BijaVidyapeeth, an international college for sustainable living in Doon Valley in collaboration with Schumacher College, U.K. Time magazine identified Dr. Shiva as an environmental "hero" in 2003. Forbes magazine in November 2010 has identified Dr. Vandana Shiva as one of the top seven most Powerful Women on the Globe. Dr. Shiva has received numerous awards from different Agencies.

Dr. Shiva visit was a remarkable opportunity for JUIT. Faculty members, research scholars and students discussed their queries & doubts on Environment and got new ideas about environment related work.



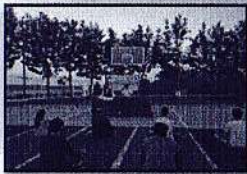


YOGA AND HEALTH AWARENESS CAMP

Yoga is an ancient but perfect science, deals with the evolution of humanity. This evolution includes all aspects of one's being, from bodily health to self realization. Yoga means union - the union of body with consciousness and consciousness with the soul. Yoga cultivates the ways of maintaining a balanced attitude in day to day life. With the perspective, the JYC Health Club organized a five day yoga camp was organized in the JUIT from 3rd to 7th October of 2017. The JYC Health Club

The camp was attended by the students, faculty and staff members of JUIT with great passion. The five days camp focused on the asanas and pranayaam techniques for improvement of physical health, mental concentration and mind and body harmony. The five day yoga camp

culminated with celebration of yoga week at JUIT on 3rd oct 2017. On this occasion, the importance and benefits of Yoga were elaborated by the Yoga teacher Shri Hiradass ji. Dr. Manjesh Sharma was also emphasized importance of yoga in student life. Dr. Hema Kashyap and Dr. Bindu stressed upon the need of yoga and meditation to keep body and mind healthy. The camp was attended with enthusiasm and participants pledged to continue the practicing meditation and asanas with perseverance to achieve the objective of wholesome health. Various yogic exercises and asanas were demonstrated by the yoga experts Shri Hiradassji, Dr. Manjesh Sharma and their team.



Session on Health (04 Oct. 2017)

INTERACTIVE SESSION ON HEALTHY LIFESTYLE

On 4 October 2017, HEALTH CLUB OF JYC had arranged an interactive session on 'Healthy Lifestyle' with Dr. Tejasvijay Azad (District Ayurvedic Medical officer), Dr. Rajinder Sharma (Sub-Divisional Ayurvedic Officer), Dr. Arvind Gupta and Dr. Seema Gupta (Medical Officers) and Dr. Hema and Dr. Bindu (Ayurvedic Consultant). The session delivered a productive interaction with the students and faculty about their life style, and their habits in hostels etc with the expert team. The expert team helped in making the session personalized for the group attending it.



IPR Workshop (13 October 2017)

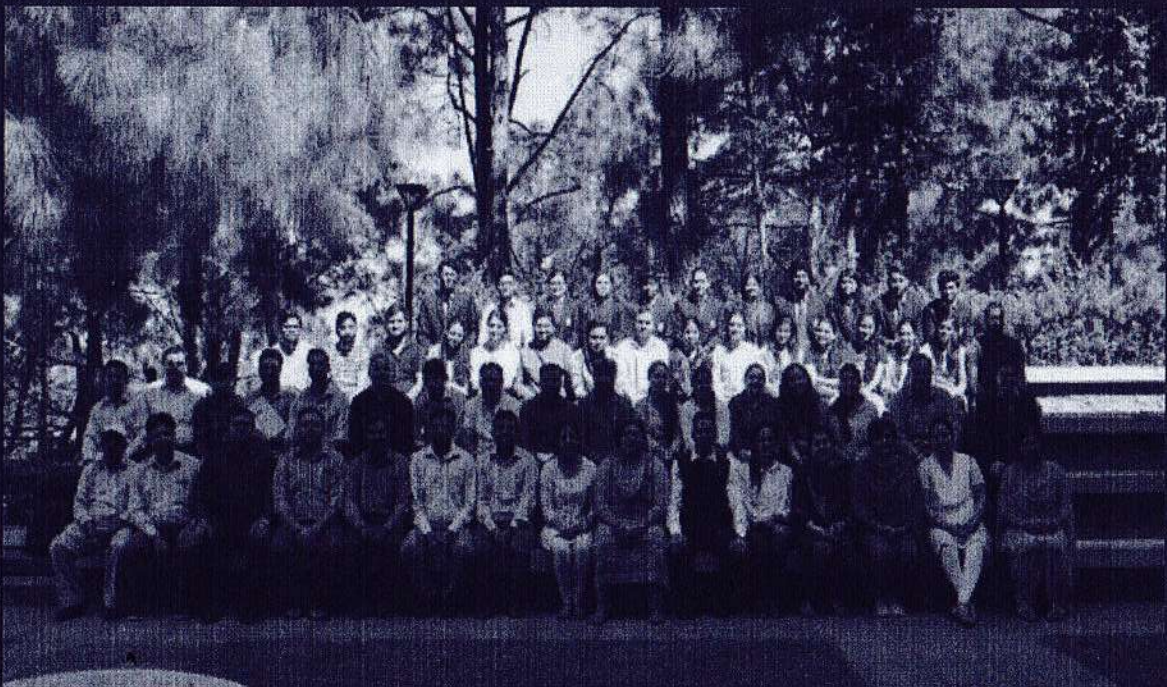
PATENT DRAFTING

On 13th October 2017 the IPR Cell of Jaypee University of Information and Technology, Wagnaghat in collaboration with HIMCOSTE (Himachal Pradesh Council for Science, Technology & Environment) organized its 3rd workshop at campus premises with the support of Joint member secretary Shri. Kunal Satyarthi, IFS. The workshop was on Patent Drafting, specifically focusing on upcoming problems and solutions in Intellectual Property.

The Institute was proud to host eminent speakers in the field Dr. Indranil Saha and Ms. Ritika Kanwar. The event started off with an inaugural address by Prof. Vinod Kumar, Vice Chancellor, JUIT & Dr. Sudhir Kumar (Coordinator, IPR cell, JUIT). Dr. Indranil Saha is Patent advocate in New Delhi, a Ph.D from IISc Bangalore and LL.B (Hons. IPR) from IIT, Kharagpur. Dr. Saha initially presented his lecture on 'Science and Patent law'.

This was followed by a lecture on 'IPR: Problems and Solutions' by Ms. Ritika Kanwar, also a LL.B, Hons. IPR from IIT, Kharagpur and currently working as a Patent Scientist at HPPIC, Shimla. Notably, Ms. Ritika Kanwar has been a student of JUIT and was "glad to be back" (at campus). Dr.Saha then enlightened the crowd on 'Basic concepts of Patent Drafting', an integral part of Intellectual Property Rights.

More than Eighty participants including post graduates, research scholars and faculty of JUIT participated in the workshop. The workshop was followed by a Logo Designing competition for the IPR cell of JUIT. Mr Sachin Sharma (M.Tech student) was the winner of the competition and was awarded with a cash prize of Rs 2000. The event ended with the Valedictory function where our guests were felicitated by Prof Samir Dev Gupta, Director and Academic Head at JUIT and participants were awarded with certificates.



Completion report

Jaypee University of Information Technology, Wagnaghat had been designated as one of the remote center to conduct the Short Term Course on (STC) on "Cloud Computing Through ICT" from 23-27 October, 2017 in association with NITTTR Chandigarh.

The STC was locally coordinated by Dr. Hemraj Saini, Department of Computer Science and Engineering and at the National level the STC was supervised by the Overall Course Coordinator – /Ms. Mala Kalra, Assistant Professor, Department of Computer Science and Engineering, NITTTR, Chandigarh and Mr. Amrendra Sharan, Jr. System Programmer, Computer Science and Engineering, NITTTR Chandigarh.

In the STC total fifteen (13) Sessions were delivered from NITTTR Chandigarh in ICT mode. Following Faculty/Experts were involved to deliver the presentations or practical exposures of the related topics to the theme-

Er. Mala Kalra, Assistant Professor

Er. Aditya Bhardwaj, Research Scholar

Dr. Rajinder Sandhu (Post Doc., University of Melbourne, Australia)

Er. Vipin Gupta, U-Net Solutions, Moga

Er. Rohit Handa, Assistant Professor, PEC University of Technology, Chandigarh

Dr. Gaurav Kumar, Director, Magma Research & Consultancy Pvt. Ltd.

At our remote center 71 registrations were sought and out of that 44 participants were regular and successfully completed the STC.



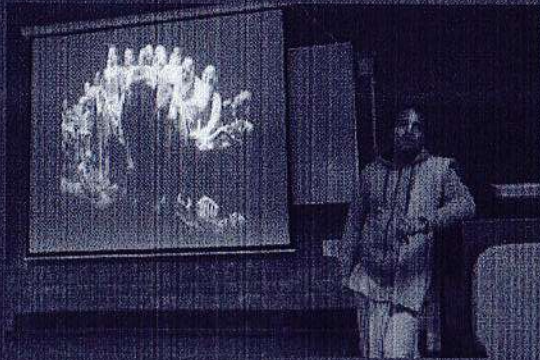
November 7 – 12, 2017


JOURNEY OF SELF DISCOVERY

One week lecture series by ISKCON

A one week lecture series on the theme 'Journey of self discovery' was organised with the help of International Society for Krishna Consciousness (ISKCON) during 7-12 November 2017. Many faculty and staff along with students participated in the seminars and had long interactive sessions with the speakers of ISKCON. About more than 50 participants were


there in the seminar. The key speakers of the seminar were Shri Gaurav Bedi, Shri Arun Prabhu, Shri Sanatan Prabhu and Shri Vishnu Gaur Prabhu. The speakers have also taken the feedback from the participants. The participants urged to have such events in near future as well.






JOURNEY OF SELF DISCOVERY

7th November 2017 to 12th November 2017
Session Timings: 5:00pm - 6:30pm
Venue : CR-8



**Limited seats
Register Now!**



Enteries Open for Faculty & Staff
Register Yourself at the Link:
<https://goo.gl/FuHba>
Last Date to register: 6/11/2017

Happiness on Sale?

The God Mystery

Who is Me?

Religion on trail

Can bad happen to good?

Life Apps

a six session course on the principles of Bhagavad Gita to quench our quest for Serenity, Joy & Purpose



NOTICE

Workshop on Soft Skills

Date:

28.10.2017

Students of B.Tech third year are requested to enroll their names for the workshop by 09.11.2017 to be conducted in the next semester.

You may register your names with Dr. Papiya Lahiri on the second floor (Left Wing). Details of the workshop are available on HSS folder (.6) under the head 'Soft Skill Workshop'.

Dr. Papiya Lahiri
Coordinator

Dr Anupriya Kaur
Head – HSS



SOFTSKILL WORKSHOP CLASS 2017			
BATCH X8-X12,Z1-Z3			
SN	NAME	BATCH	BRANCH
1	Shubhank Gupta	X5	ECE
2	Abhinav Kriti Gupta	X7	CSE
3	Akanksha Gupta	X8	CSE
4	Uditi Janeja	X9	CSE
5	Neharika	X9	CSE
6	Utkarsh Katiyar	X9	CSE
7	Sakshi Sharma	X9	CSE
8	Satyam Aggarwal	X10	CSE
9	Pallavi Katoch	X10	CSE
10	Rahul Verma	X10	CSE
11	Shubham Aggarwal	X11	CSE
12	Bhargavi Dogra	X11	CSE
13	Diksha Sharma	Z2	BT
14	Saveena Solanki	Z2	BT
15	Tania Sharma	Z3	BT
16	Aastha Gupta	X12	CSE
17	Mohit Patel	X1	ECE
18	Himani	X9	CSE
19	Shivam Kartikay	X10	CSE
20	Rishu Verma	X10	CSE



The Vice Chancellor, Jaypee University of Information Technology, Wagnaghat-173234

Respected Sir,

Kindly find below the successful **Completion Report about the Workshop on Virtual Labs** on 17th November, 2017 at Jaypee University of Information Technology, Wagnaghat-173234.

a. The Workshop was organized in two sessions as per the below schedule-

Date	Class/Branch	Timing	Venue
17.11.2017	1 st Year (CE and CS)	09:00AM-11:00AM	CL9
17.11.2017	1 st Year (All) only first 60	11:00AM-12:00PM	CL9
17.11.2017	1 st Year (EC/BI and CSE)	02:00PM-04:00PM	CL9

b. The session wise attendance count was as under-

17 th November, 2017 (09:00 – 11:00)	-	48
17 th September, 2016 (14:00 – 16:00)	-	63
Total Count	-	111

c. All two sessions were organized by the expert team from IIT, Delhi (*Mr. Ashish Ranjan(9643358536) and Mr. Ashish Mudgil*).

d. Some of experiments from the basic virtual laboratories and RTLs were explained and carries out by the expert team members.

With best regards

Co-ordinators, Nodal Center (vLab), JUIT

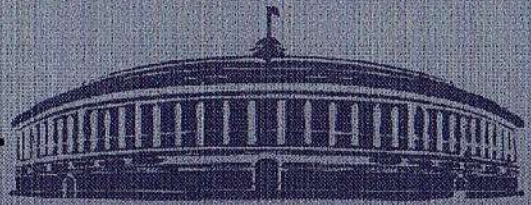
Dr. Hemraj Saini
Department of Computer Science & Engineering
JUIT, Wagnaghat-173234

Dr. Rajiv Kumar
Department Electronics & Communication Engineering
JUIT, Wagnaghat-173234



November 18 -19, 2017

JUIT YOUTH PARLIAMENT



JUIT conducted the 4th edition of its Youth Parliament on November 18 – 19, 2017. The topic for discussion was "Comprehensive review of the policy of Demonetization" in the Lok Sabha. Honorable Vice Chancellor, Prof. Vinod Kumar, Director Prof. Samirdev Gupta and Registrar Maj. Gen. (Retd.) Rakesh Bassi greeted the audience and declared the event open for the next two days. The parliament session saw

active participation of students from JUIT and other colleges alike. The press members covered the whole event by clicking photographs, making caricatures and printing newsletters. It ended with a press conference and prize distribution ceremony. The event was a huge success and the university looks forward to conducting many such programs in the future.



National Symposium
on
Medical Image Acquisition, Processing & Analysis
20th-22nd November, 2017
Jaypee University of Information Technology

HOME

POSTER SESSION

PATRONS

ORGANIZING COMMITTEE

KEYNOTE SPEAKERS

PROGRAMME SCHEDULE

REGISTRATION

VENUE AND TRAVEL

CONTACT US

About the Symposium

Biomedical image processing has experienced remarkable expansion including its application in healthcare system. High quality information available in imaging modalities can be processed and analyzed for disease diagnosis, treatment and management. Diseases are generally associated with certain characteristic patterns of image modalities, which are used for its detection. Therefore, computer-aided diagnostic (CAD) for different diseases is developed to provide assistance not only for better diagnosis but also for early diagnosis. Therefore, this symposium focuses on the applications and implementation of image acquisition, processing and analysis for efficient disease diagnosis.

Objectives of the Symposium

Some of the key objectives of this Symposium are:

1. Effective analysis of currently available high quality medical images for efficient diagnosis of diseases such as TB, cancer, diabetic retinopathy, tumour etc.
2. Application of image acquisition and processing for early diagnosis of diseases.
3. Image processing can facilitate the adoption of cost-effective techniques for disease diagnosis.
4. To explore the Computer Added Diagnosis (CAD) techniques to improve the effectiveness of the Liver ultra sonography

Poster Session:

Abstract submission for poster: **November 5th, 2017**

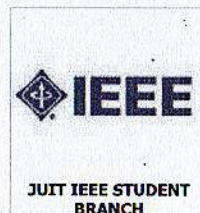
Acceptance notification: **November 10th, 2017**

Registration deadline: **November 15th, 2017**

SPONSORS

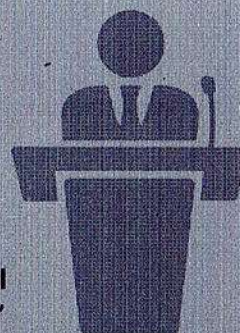


TECHNICAL SPONSORS



100





EXPERT LECTURES

Prof. Yosi Shacham Diamand, Faculty of Engineering, Tel Aviv University, Israel
Spoken on "A Study on Various Nanoparticle Based Bioelectrochemical Sensors"
December 12, 2017

Prof. Yosi Shacham-Diamand, Professor of Electrical Engineering and 'The Bernard L. Schwartz Chair' for Nano-Scale Information



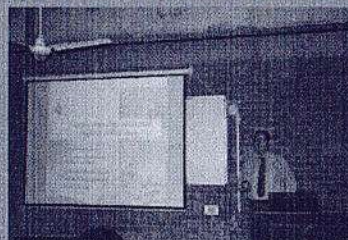
Technologies from Department of Electrical Engineering - Physical Electronics and the Department of Material Science and Technology, Faculty of Engineering, Tel Aviv University was in

JUIT for an expert lecture. His topic of discussion was 'a study on various nanoparticle based bio-electrochemical sensors'. The entire lecture was very



enlightening and triumphant, because it has ignited spark and hope of contributing towards the field of bio-electrochemical sensors in all

audience. Prof. Yosi has talked about different kinds of bio-electrochemical sensors such as Amperometric, Potentiometric, Impedometric and Immunosensors their concepts basic electrochemistry and related problems to achieve the final device.



Faculty members, research scholars, undergraduate and post graduate students from



the Department of Physics and Materials Science, Department of Biotechnology and

Bioinformatics and Department of Electronics and Communication Engineering were attended the lecture.

OTHER GUEST LECTURES AT JUIT

S.No	Name	Date	Topic	Department
1	Prof. K Balamugan , Department of Biotechnology, Alagappa University	27 Feb 2018	Applications of <i>C. elegans</i> as an in-vivo model in biological research	BT&BI
2	Dr. Debasis Pattanayak , National Research Centre on Plant Biotechnology (IARI, New Delhi)	16 Dec. 2017	Plant Genetic Engineering: present status and future trends'.	BT&BI

29-30 January 2018

Artificial Intelligence and Entrepreneurship

It was a two day interactive seminar taken by JUIT Alumni's "Mr. Dhruv Batra" and "Mr. Prakshal Jain", 2017 Batch passouts. The seminar is on the future of Artificial Intelligence in Industries and its demand in Entrepreneurship. The four P's of marketing with the supervised and unsupervised learning in Artificial Intelligence were also discussed. The seminar involves topics of skills, knowledge, public speaking, technical skills, etc. It includes motivational stories of "Outliers", which covers the success stories of Bill Gates, Jeff Bezos, Steve Jobs, and Bill Joy and how they pitched up the right topic at right time.

The seminar, attended by JUIT students, aware the audience about the need of entrepreneurship and role of AI in it. The brainstorming session made everyone feel confident to realize the field in which they want to pursue their career.



WORKSHOP ON ARTIFICIAL INTELLIGENCE AND ENTREPRENEURSHIP

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CEC INDUSTRIAL TOUR

Civil Engineering Consortium (CEC) successfully organized its first industrial tour on **3rd Feb, 2018** under the guidance of Mr. Pankaj Gandhi (Manager HR), Ambuja Cement Plant. The total number of students that went for the industrial tour were 41 along with two faculty members

- Abhilash Shukla
- Niraj Singh Parihar

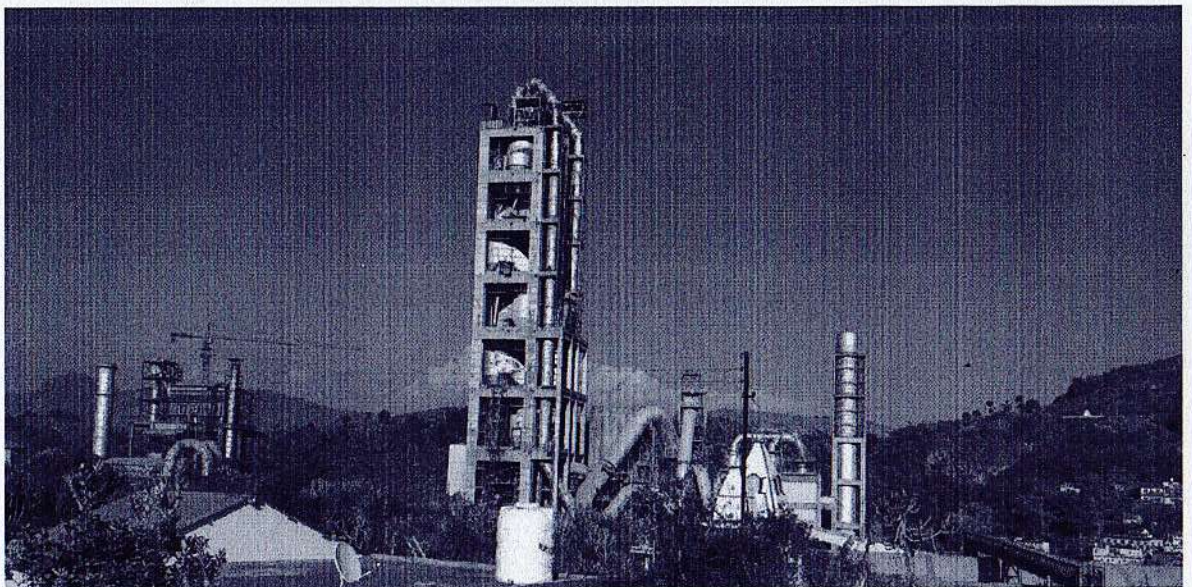


Civil students along with faculty and guides from Ambuja Cement





Guide discussing about the process in cement manufacturing



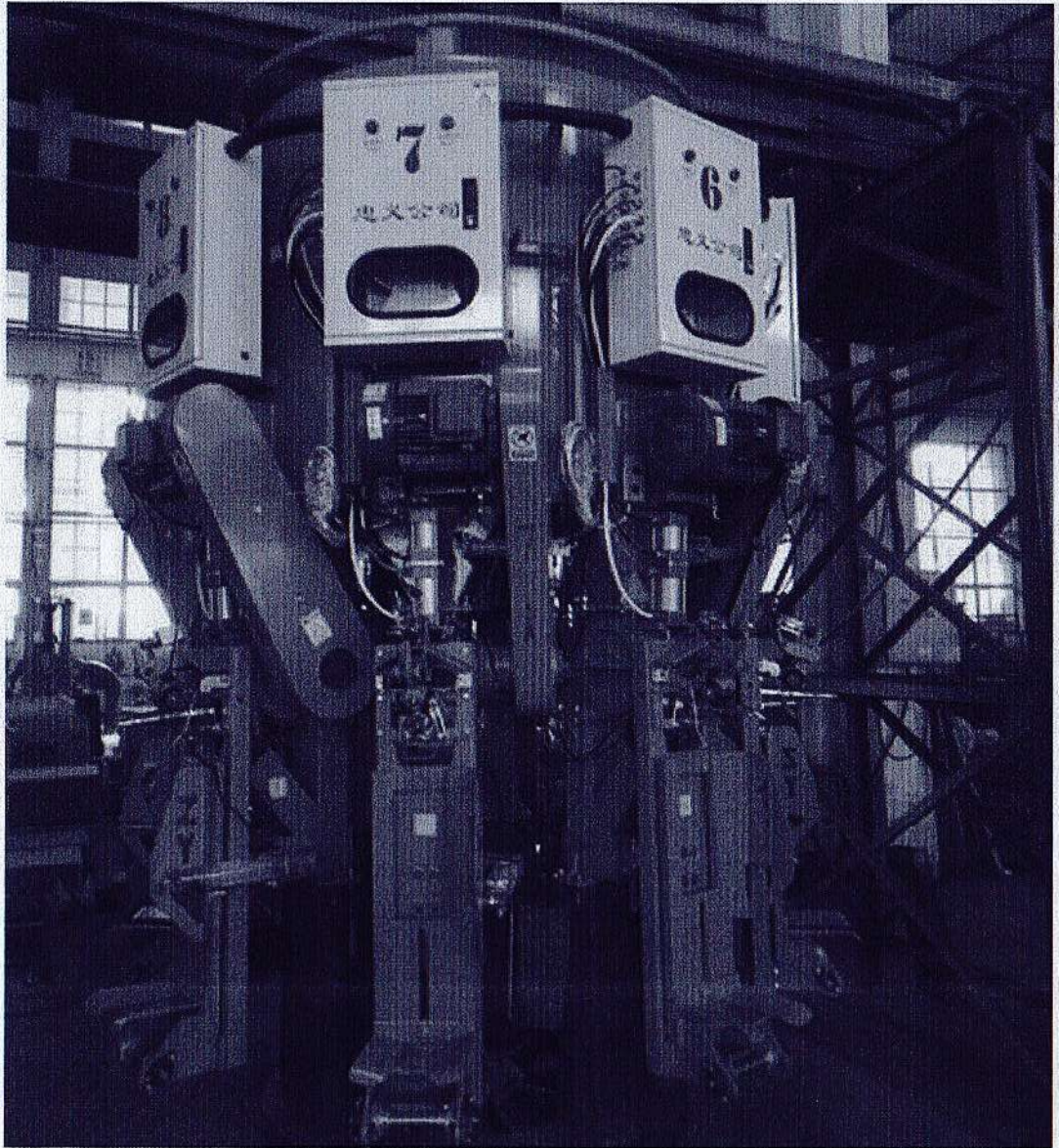
Preheater





CEC TEAM along with Faculty and Guide from Ambuja Cement Plant





Packing Plant

GUEST LECTURE

by Dr. Mohar Singh of ICAR-NBPGR, Shimla

(March 16th, 2018)

JUIT ACM student Chapter and IPR Cell JUIT and Department of Biotechnology and Bioinformatics of JUIT jointly organized a Guest lecture of Dr. Mohar Singh, Principle Scientist ICAR-NBPGR Research Station, Shimla. The Topic of lecture was "Plant Genetic Resources: What can they contribute toward breaking yield barriers: a case study in grain legumes".

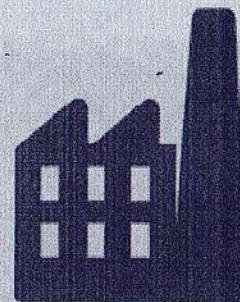
Dr. Anil Kant, Associate Professor, Department of BT/BI welcomed guest on behalf of JUIT ACM student chapter and IPR Cell and apprised audiences with brief biota of Dr Mohar Singh. Dr Mohar Singh presented a detailed account of activities of NBPGR, importance of

conservation, evaluation, characterization of plant genetic resources and pre-breeding and breeding of such germplasm into cultivated material. He also presented outcome of his own research work in this area, which was mainly focused on grain legume crops including lentils and chickpea. The lecture was attended by Faculty members including HOD of Biotechnology and Bioinformatics, HOD Computer Science Engineering & IT, PhD, M.Tech., B. Tech., Biotechnology students and volunteers of JUIT ACM student chapter. Prof. Sudhir Kumar presented a memento as token of honour and proposed a vote of thanks on behalf of the University.



INDUSTRIAL VISIT

Visit of CSE/IT Department to
CDAC & Adonis Medical System Pvt Ltd (Mohali)
March 27th, 2018



Industrial Visits

A Group of 25 students (girls) from the Department of CSE/IT of JUIT visited CDAC, Mohali and Adonis Medical System Pvt Ltd, Mohali on a one day industrial tour on March 27, 2018. At Adonis Medical System Private Ltd students were appraised about use of various medical X-ray devices. At CDAC, students were informed about various advanced courses, and

research projects of CDAC. Dr. Sanjay Sood, Joint Director, CDAC Mohali encouraged all the students to choose Advanced Course. Dr. Pradip Singh and Dr. Yugal Kumar directed the industry tour from JP University School. Industry excursion was organized by the JUIT ACM Student Union.



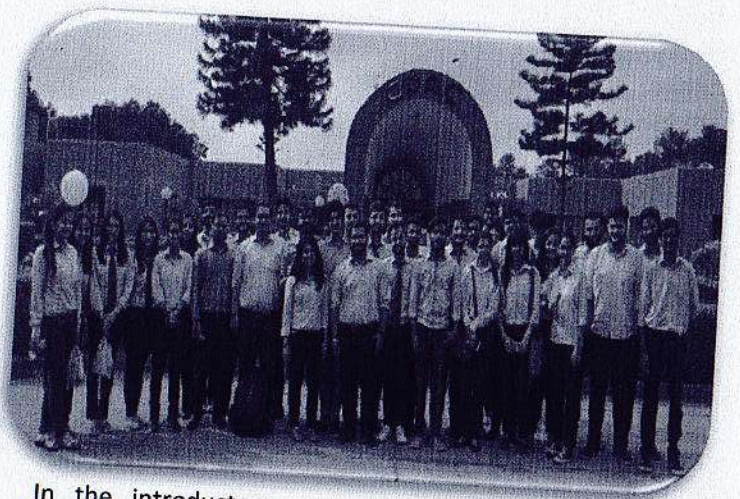
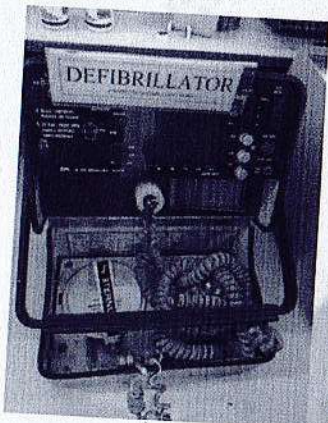
INDUSTRIAL VISIT

Visit of ECE Department to CDAC

April 13th, 2018

An Industrial visit to C-DAC Mohali was organized by Dr. Shruti Jain, Electronics & Communication department of JUIT, Wagnaght on 13th April 2018 for B.Tech 3rd year students to familiarize them with various aspects of applied electronics, technology and applications. Dr. Vikas Baghel and Dr. Harsh Sohal accompanied them.

The Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY) for carrying out R&D in IT, Electronics and associated areas. CDAC also prides itself for being the first to build India's first super computer named "PARAM".



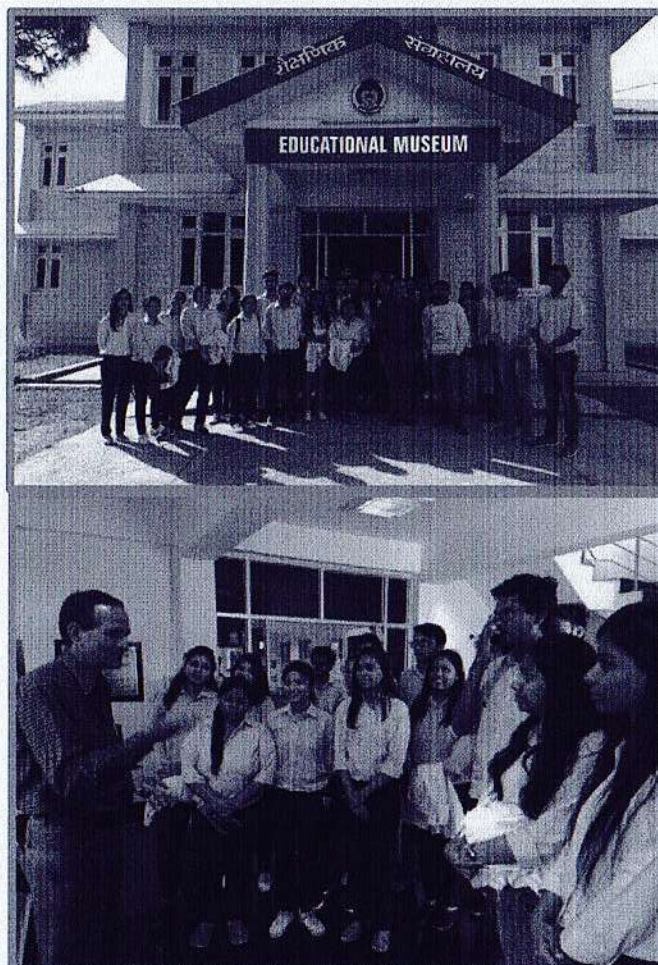
In the introductory session, students were introduced to the history of C-DAC, research and development at C-DAC, and different courses provided by CDAC. This session concluded with a very enlightening presentation which threw light on an organization where researchers develop and implement various world class products like High Performance, Grid and Cloud Computing (HGCC) systems, Professional Electronics, VLSI & Embedded Systems, Health Informatics systems etc. In the second session, a presentation on the IoT was given by Ms. Preeti Abrol (Principal Engineer). After the session the students were taken to different labs and briefed about the processes and operations undertaken in labs. During the lab tour, students were given a brief idea on the technical aspects and uses of different equipment. The curiosity of the students was finally satisfied when a question answer session was conducted by Mr. Harpreet Singh (Project Associate). The students were provided with deep insights about the C-DAC, Mohali and each and every question was patiently answered by him.



**ACADEMIC INSTITUTION VISIT TO
CSIR - Institute of Himalayan Bioresource Technology, Palampur
& CSK-Himachal Pradesh Agriculture University, Palampur
Himachal Pradesh – 176062**

An educational /research excursion was organised for the IIIrd year Biotechnology students from 16th April, 2018 to 19th April 2018. Dr Abhishek and Dr. Jitendraa along with IIIrd year students visited different labs of to Institute of Himalayan Bioresource Technology (IHBT) and CSK-Himachal Pradesh Agriculture University Palampur of Himachal Pradesh which are known for their reputed national level in the area of Himalayan biotechnology research.

The purpose of visit was to educate the students towards various current research activities which have been practised in the premier research labs in government sector. Major visit of labs was done in 'natural product chemistry and process development'; advance molecular biology lab; plant biotechnology labs and 'aeroponics & hydroponics labs'. Students were also visited central instrument facility of IHBT where students got a chance of demonstration of state of art biotechnology instruments. During the visit, students interacted with various scientists and discussed the basics of various research programmes in IHBT.





Photographs of interaction at IHBT and Palampur University





Photo 3: B. Tech 4th year students in the lab of Floriculture at UHF Nauni Himachal Pradesh.



Photo 4: Lab of Toxicology (Left) and Flouriculture (Right) at UHF Nauni Himachal Pradesh. Dr. S.K. Patyal teaching about the screening and quantification of pesticides in the crops and vegetables. Dr. Pooja Garla showing the ongoing research projects in floriculture laboratory.



ACADEMIC INSTITUTION VISIT TO Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Himachal Pradesh, India

Activity: Educational trip of 4th Year students of BT and BI

Places of Activity: Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Himachal Pradesh, India.

Event Coordinator(s): Dr. Ashok Kumar, Assistant Professor (Grade II), Department of BT and BI

Dr. Anil Kant Thakur Associate Professor, Department of BT and BI

Number of Students: 38

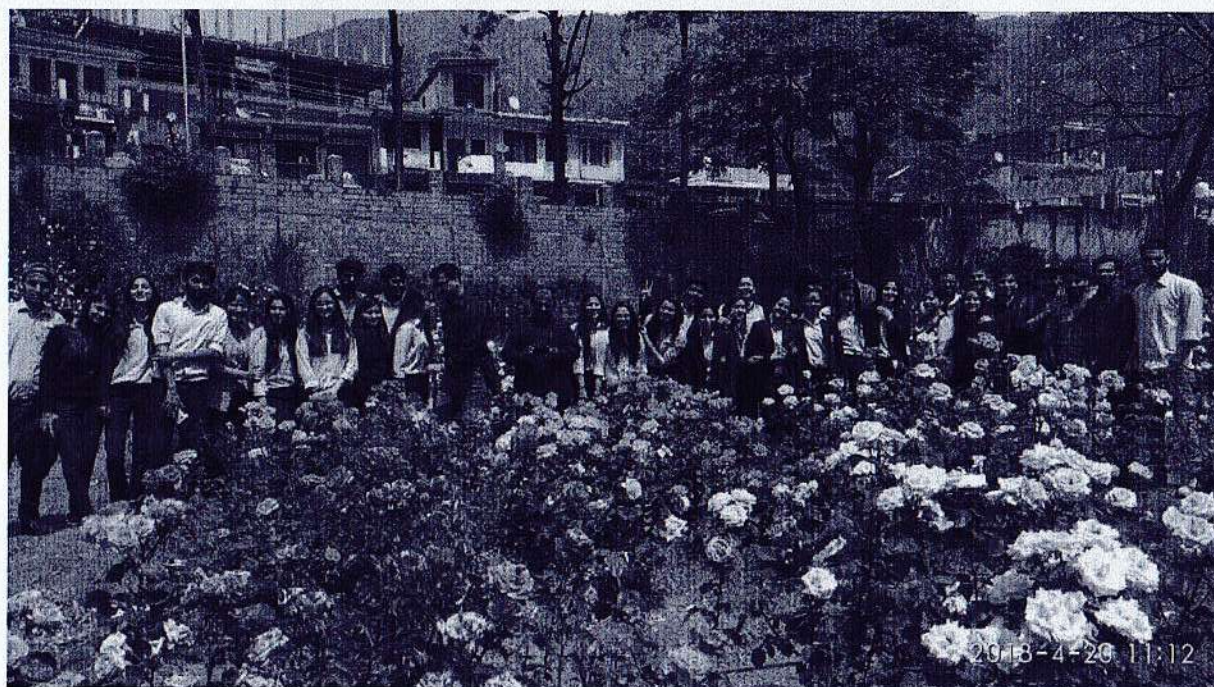


Photo 1: B.tech 4th year students in the Rose garden of Floriculture department at UHF Nauni Himachal Pradesh.

Purpose of the visit:

1. Student awareness for new and exciting research activities at UHF Nauni
2. To make students familiar with new and emerging fields and projects running in the lab

An educational trip was organised for the 4th year students of Biotechnology students 20th April 2018. Dr Ashok Kumar and Dr. Anil Kant along with 4th year students visited different labs of Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Himachal



Pradesh which are known for their repute at national level in the area of horticulture and forestry.

The purpose of visit was to educate the students towards various current research activities which have been practised in the premier research labs in UHF Nauni. Major visit of labs was done in Toxicology laboratory [lab Head: Dr. S.K. Patyal] Plant Virology lab [lab Head: Dr. Anil Handa]; and plant biotechnology labs in the department of forestry. Students have also visited Rose garden, medicinal plant garden, and Hitech glasshouse.



Photo 2: B.Tech 4th year students in the Medicinal Plant's garden of Forestry department at UHF Nauni Himachal Pradesh.

Dr. Meenu Sood has given valuable dialogue on medicinal plants and a tour of medicinal plant garden. Dr. Pooja Garla has given lecture on floriculture and development of different varieties of roses and other flowers at UHF Nauni.



A report on
Academic Institution Visit
to
National Agri-Food Biotechnology Institute
Knowledge City, Sector 81, Mohali



On
12th May 2022
by
M.Sc & B. Tech 1st Year (Biotechnology-Students)

Organized by
Department of Biotechnology and Bioinformatics
Jaypee University of Information Technology
Waknaghat, H.P.



An academic visit was carried out to National Agri-Food Biotechnology Institute (NABI), Sector 81, Mohali on 12th 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, On reaching the institute, we were received by Dr. Kaushik Majumdar; where we briefed him about the Biotechnology and Bioinformatics program of the JUIT.

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.





We also visited the high-performance computing (HPC) facility in the computational biology laboratory headed by Dr. Srikant Mantri. The whole tour took some two and half hours and students got a feel for biotechnology and bioinformatics research at the institute. Students benefited from getting an opportunity to relate their theoretical knowledge to practical implications.

The BT and BI department extends our gratitude to the Director, NABI for his permission and support to make this visit possible and achieving our objectives for the students. We also extend our gratitude to HOD Sir, Prof. Sudhir Kumar, Dean of Academics Sir, Prof. Ashok Gupta and Vice Chancellor Sir, Prof. R.K Sharma for allowing us to arrange this visit to our student.

Thanks, and Regards,

Dr. Abhishek Chaudhary

Department of Biotechnology and Bioinformatics, JUIT

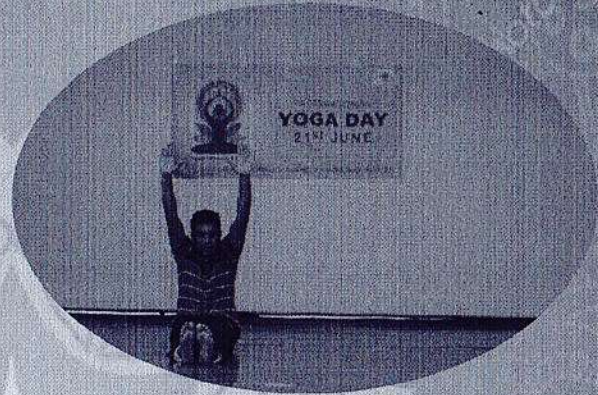
Coordinator: NABI VISIT



INTERNATIONAL YOGA DAY

(June 21st, 2018)

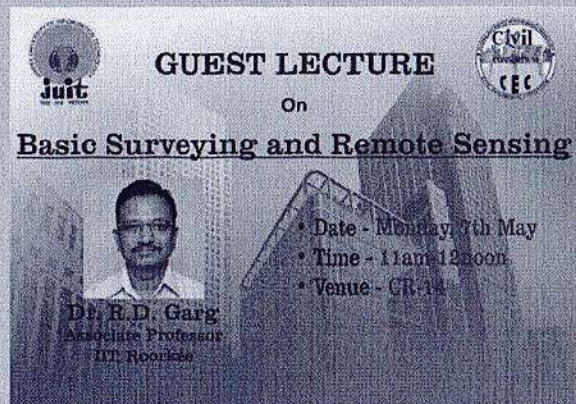
The University has celebrated 'the International Yoga Day' on June 21, 2018 in the main auditorium at the campus. Mr. Girish Kumar, Sports Coordinator at JUIT, led the session sharing insights into various yogic 'asanas'. There was an active participation by faculty and staff members along with their family members. Hon'ble Vice Chancellor, Prof. Vinod Kumar and Registrar, Major General (Retd.) Rakesh Bassi were also participated by performing various Yogasnas.



GUEST LECTURE

by Dr. R D Garg, Associate Professor, IIT Roorkee
May 7th, 2018

The Civil Engineering Consortium (CEC) of Civil Engineering Department organised Guest Lecture on Basic Surveying and Remote Sensing on 7 May 2018. Dr. R D Garg, Associate Professor, IIT Roorkee was the keynote speaker. He introduced the students with basic concepts of Remote surveying and its application in Civil Engineering especially in Water resource Management and Town planning and management. Around 70 students were present in the lecture.



Attendance: R. D. GARG, Associate Professor, IIT Roorkee; @7/05/2018

1	151113	AKAL SINGH GURUNG	
2	151601	DIVESH RANA	
3	151602	PUNEET PALSINGH	
4	151604	NIKHILESH THAKUR	
5	151606	ABHISHEK AHLUWALIA	
6	151608	HETAJ SAHI	
7	151610	KUENZANG SC CHODEN	
8	151612	SHALLY SINGH	
9	151613	SHIVANI NEGI	
10	151614	CHARU GUPTA	
11	151617	AMMAAN ZAHOR CHAT	
12	151618	SARTHAK GUPTA	
13	151619	AKSHAY BHARDWAJ	
14	151620	RIZUL SHARMA	
15	151621	ABHIMANYU PRAKASH CHAUHAN	
16	151622	ARPAN CHAUDHARY	
17	151623	TARUN VERMA	
18	151624	JIGYASU KHANNA	
19	151625	HARISH CHANDER	
20	151626	MANIK OHRI	
21	151627	ANKUR JARET	
22	151628	ANKIT TILOKTA	
23	151629	SUDHANSHU MANIKPURI	
24	151630	AAYUSH JAIN	
25	151631	ABHINAV JAMWAL	
26	151632	GAURAV	
27	151633	DIVYAM THAKUR	
28	151635	AJAY MAHAJAN	
29	151636	HIMANSHU YADAV	
30	151637	ADITYA SHARMA	
31	151638	PRIKSHIT GUPTA	
32	151639	ASHISH DANGWAL	
33	151640	AKSHAY KUMAR	
34	151641	VAIBHAV THAKUR	
35	151642	AKSHAY SHARMA	
36	151643	AATISH RAJTA	
37	151645	PUNEET GARG	
38	151647	SHASHI SHEKHAR	
39	151648	VINAYAK SHARMA	
40	151649	SUMIT DHANKHAR	
41	151650	GOURAV MAHAJAN	
42	151652	ANIRUDH PRATAP	
43	151654	NITESH CHANDEL	
44	151655	ARPAN SHARMA	
45	151657	AKHIL SHARMA	
46	151658	HIMANSHU SINGH	
47	151659	PARIKSHIT THAKUR	



48	151660	AYUSH THAKUR	Ayush Thakur
49	151661	AMIT SINGH	Amit Singh
50	151662	ASHUTOSH SHARMA	Ashutosh Sharma
51	151664	AMIT SHARMA	Amit Sharma
52	151667	DIKSHANT AGARWAL	Dikshant Jain
53	151669	AAYUSH JAIN	Aayush Jain
54	151670	AHTESHAM HUSSAIN	Ahtesham Hussain
55	151671	NAKSHATRA GAUTAM	Nakshatra Gautam
56	151672	ASHISH VERMA	Ashish Verma
57	151673	ISHAN UNIYAL	Ishan Uniyal
58	151674	SURYABHAN SINGH JAMWAL	Suryabhan Singh Jamwal
59	151675	HARSHIT CHAUHAN	Harshit Chauhan
60	151676	VEDANSH GARG	Vedansh Garg
61	151680	SAKSHAM JAIN	Saksham Jain
62	151682	DIVESH NARANG	Divesh Narang
63	151683	SHUBHAM KUMAR	Shubham Kumar
64	151684	VIKAS VERMA	Vikas Verma
65	151687	AYUSH BHARDWAJ	Ayush Bhardwaj
66	151690	TARUN SHARMA	Tarun Sharma
67	151691	VIBHOR GAUTAM	Vibhor Gautam
68	151692	KARAN GOEL	Karan Goel
69	151693	SAKSHAM KUMAR SHARMA	Saksham Kumar Sharma
70	151696	SAKSHAM SHARMA	Saksham Sharma
71	151697	SPARSH NARESH KUMAR LATH	Spars Naresh Kumar Lath
72	151698	KARTIKEY	Kartikey

Mr. Chandrapal Gautam

CEC, Coordinator



SN	ROLL NO	NAME	CertificateReceived by
1	141015	Shivangi Sud	Absent/Not Certified
2	141097	Shrutl	Absent/Not Certified
3	141310	Rishav Sapahla	Absent/Not Certified
4	141327	Harshit saini	Absent/Not Certified
5	141666	Akash Sharma	Absent/Not Certified
6	141806	Aakriti	Absent/Not Certified
7	141811	Nitin	YES
8	141836	Mansi Arora	Absent/Not Certified
9	141846	Archita Johari	Absent/Not Certified
10	141851	Vedika	YES
11	151005	Anish Vijan	YES
12	151066	Gundeep	YES
13	151088	Manikya	YES
14	151093	Arpit Rituraj	YES
15	151102	Akshit Sharma	YES
16	151103	Gauri Sharma	Absent/Not Certified
17	151212	Himank	Absent/Not Certified
18	151222	Anmol Mahajan	Absent/Not Certified
19	151226	Sahil	YES
20	151242	Saksham Thakur	Absent/Not Certified
21	151265	Anshul Chauhan	Absent/Not Certified
22	151300	siddharth malik	YES
23	151346	Sakshi	YES
24	151354	Sahil Rana	YES
25	151370	Rishu verma	Absent/Not Certified
26	151511	Mritunjay	Absent/Not Certified
27	151827	Rashika Dhar	Absent/Not Certified
28	151842	Saveena Solanki	YES
29	151845	ANUBHAVI	YES
30	161066	Ritankshee	Absent/Not Certified
31	161070	Rushmika singh	YES
32	161217	Suchetan Pathania	YES
33	161234	Tapasya	YES
34	161241	Parth verma	YES
35	161376	Saurabh Thakur	YES
36	161454	Himanshu Gupta	YES
37	161456	Shubham Garg	YES
38	161458	Shailesh Mishra	YES
39	151298	Siddhesh	YES
	Total		22



Completion report

Jaypee University of Information Technology, Wakanaghat had been designated as one of the remote center to conduct the Short Term Course on (STC) on "**Artificial Neural Network and Fuzzy Logic through ICT**" from **23.07.2018** to **27.07.2018** in association with NITTTR, Chandigarh.

The STC was locally coordinated by Dr. Hemraj Saini, Department of Computer Science and Engineering and at the National level the STC was supervised by the Overall Course Coordinator – Dr. Maitreyee Dutta, Professor & Head, Department of Computer Science and Engineering, NITTTR, Chandigarh.

In the STC total fifteen (14) Sessions were delivered from NITTTR Chandigarh in ICT mode. Following Faculty/Experts were involved to deliver the presentations or practical exposures of the related topics to the theme-

MD- Dr. Maitreyee Dutta, Professor & Head, Department of CSE, NITTTR, Chandigarh

SA- Dr. Sunil Aggarwal, Professor, ECE Department, UIET Chandigarh

HKS- Dr. H.K Sardana, Chief Scientist, CSIO, Chandigarh

SSS- Dr. Satvir Singh Sidhu, Associate Professor, IKGPTU Campus

GK- Dr. Gaurav Kumar, Director, Magma Research and Consultancy Services

LM.- Dr. Lini Methew, Associate Professor & Head, NITTTR, Chandigarh

At our remote center 46 registrations were sought and out of that 22 participants were regular and successfully completed the STC.

(Remote Center Coordinator)

Hemraj Saini, PhD
Department of Computer Science and Engineering
Jaypee University of Information Technology, Wakanaghat-173234.
Office Phone: 01792239296
Mobile: +91 8894969852



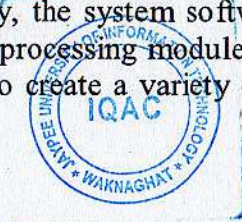
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



Department of Electronics and Communication Engineering organized a Three day workshop on **“Inquiry-Based Biomedical Signal Processing Laboratory: From Practice to Simulation”** by the experts from Biopac, New Delhi, India from Sept 21st – 23rd 2017. It was conducted by Mr. Vineet.

The aim of the workshop was to serve researchers, developers, educators working in the area of Biomedical Signal Processing, wireless area network and their application work as well as to exchange ideas.

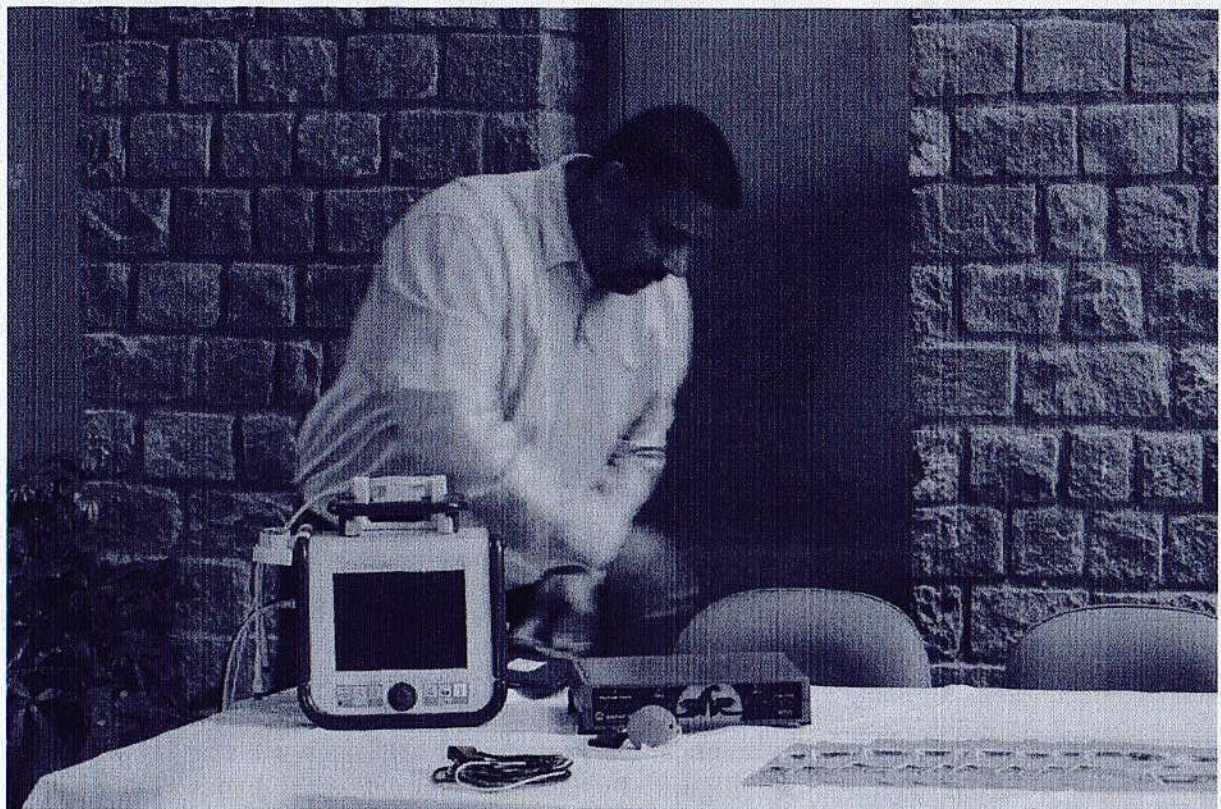
Biomedical Signal Processing Laboratory incorporates several components that enhance its usefulness for inquiry-based learning. The Laboratory orients around the physical construction and testing of a variety of simple signal processing circuit modules, introduced as lessons. The characteristics of each module can be easily determined through measurement with a BIOPAC data acquisition system. Additionally, the system software permits simple comparisons between real-world and simulated signal processing module characteristics. The modules can be combined in a step-by-step fashion to create a variety of sophisticated and

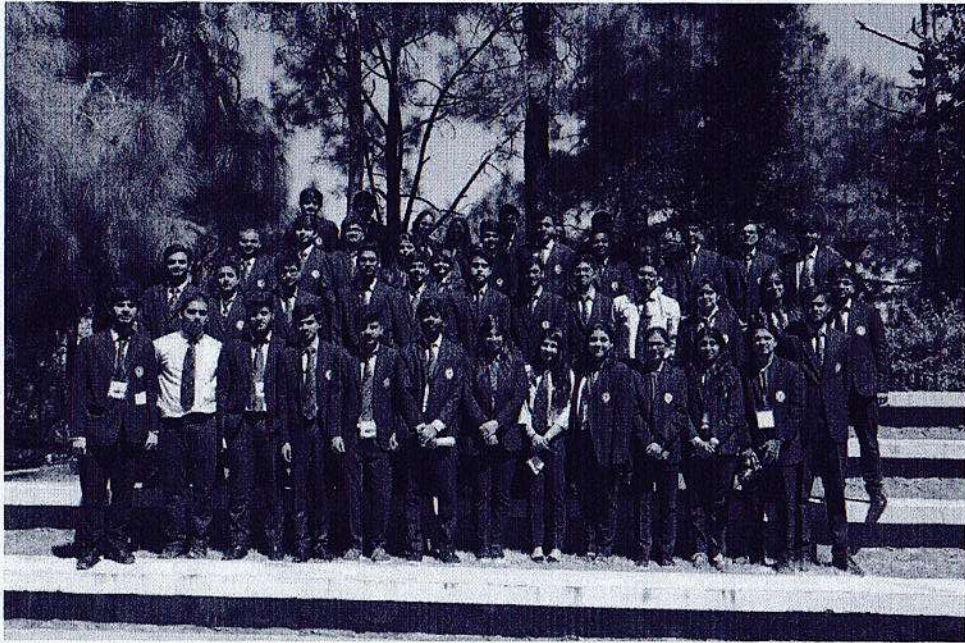


functional signal processing systems. Signal processing systems established by the Laboratory provide meaningful outputs from signals sourced from the student's own body. Through the application of an single, easy-to-use data acquisition system and associated software, students can build and test signal processing modules, verify their performance against mathematical simulation using graphical comparisons, combine modules, collect physiological signals sourced from their own bodies and then analyze the results. In the process of collecting data directly from their own bodies, students' curiosity is stimulated and they gain more control over their own learning by being able to test and retest to more fully understand the steps involved in scientific inquiry.

More than 250 students, 50 participants and 25 faculty members have attended the workshop.

Workshop was a joint effort of Dr. Shruti Jain (Associate Professor, Department of ECE) and Dr. Meenakshi Sood (Assistant Professor, Department of ECE).





From: chandrapal.gautam/Juit
To: all_hod@juit.ac.in
Cc: civil@juit.ac.in

Date: Saturday, September 22, 2018 11:33AM
Subject: Industrial Tour to NTPC KOLDAM

Dear All,

Civil Engineering Students are visiting NTPC KOLDAM today for industrial visit.

Please find the attach list of students.

Regards,

Chandra Pal

Civil Engineering Department

Attachments:

List Of Selected Students For NTPC KOLDAM Visit.docx



CEC INDUSTRIAL VISIT TO NTPC KOLDAM

Civil Engineering Consortium (CEC) successfully organized an industrial visit to **NTPC KOLDAM** on **22nd Sep, 2018** under the guidance of Mr. Chander Shekhar (Manager HR), NTPC KOLDAM. The total number of students that went for the industrial visit were 60 along with two faculty members

- Abhilash Shukla
- Aakash Gupta



Civil students along with faculty and guide from NTPC KOLDAM



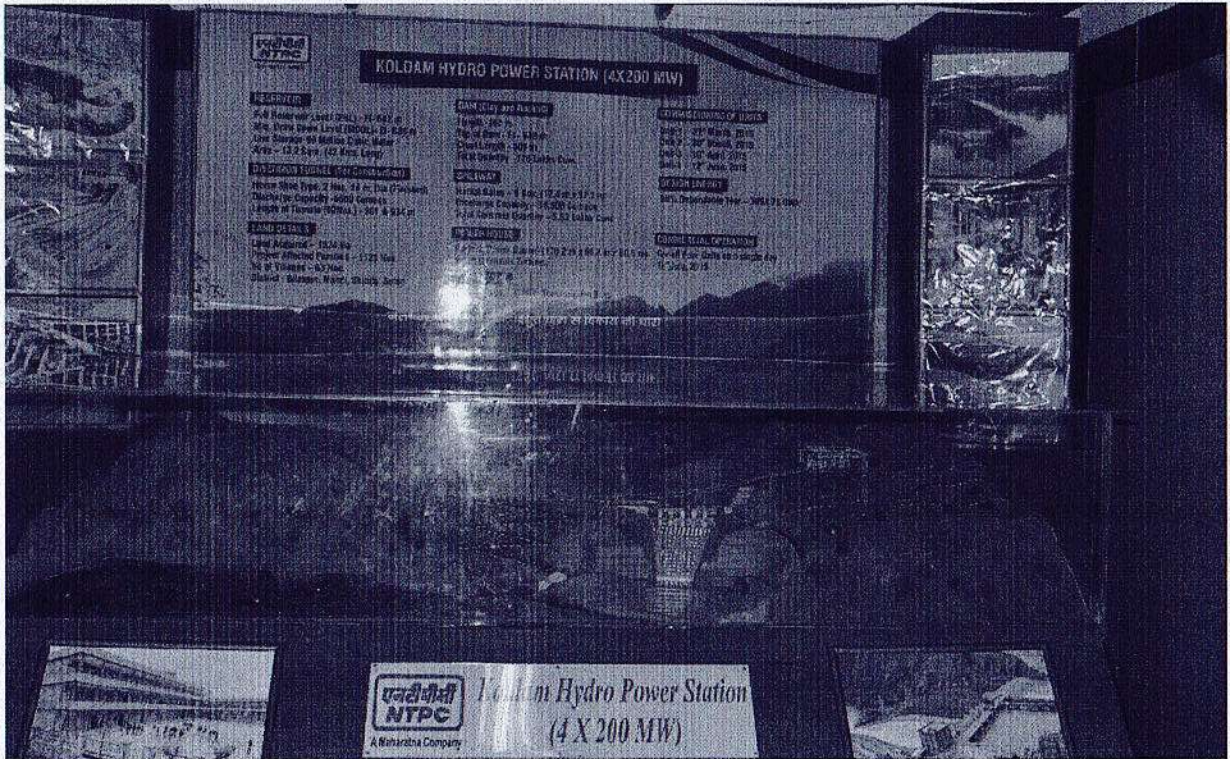


Main Entrance NTPC KOLDAM



View Point NTPC KOLDAM



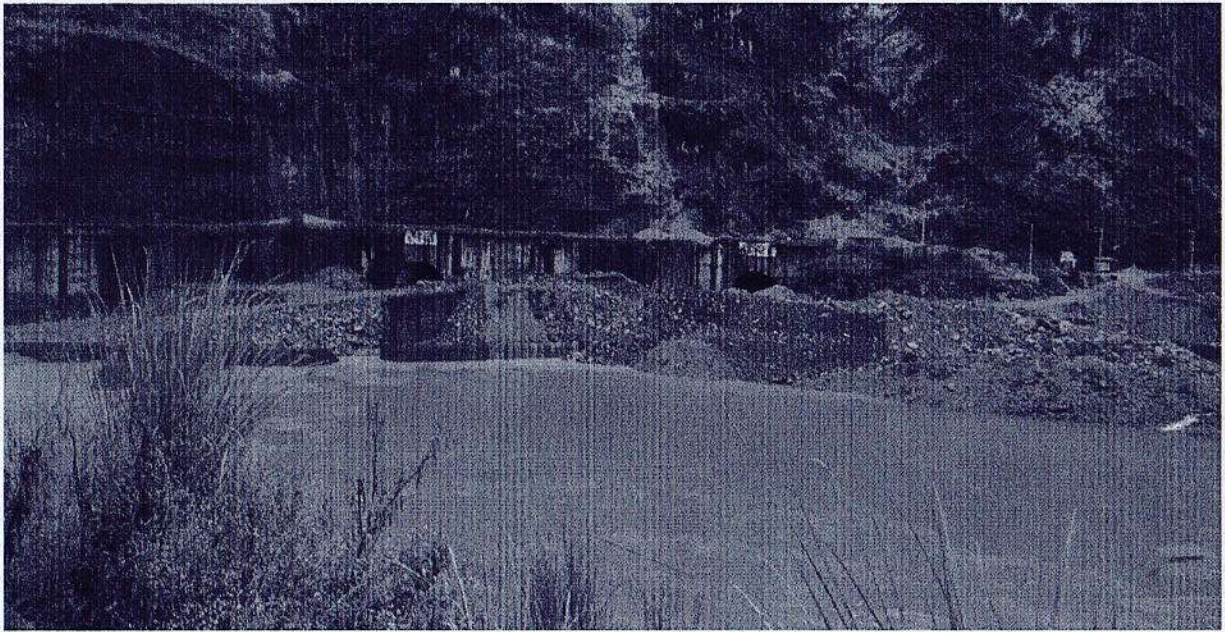


Layout Plan

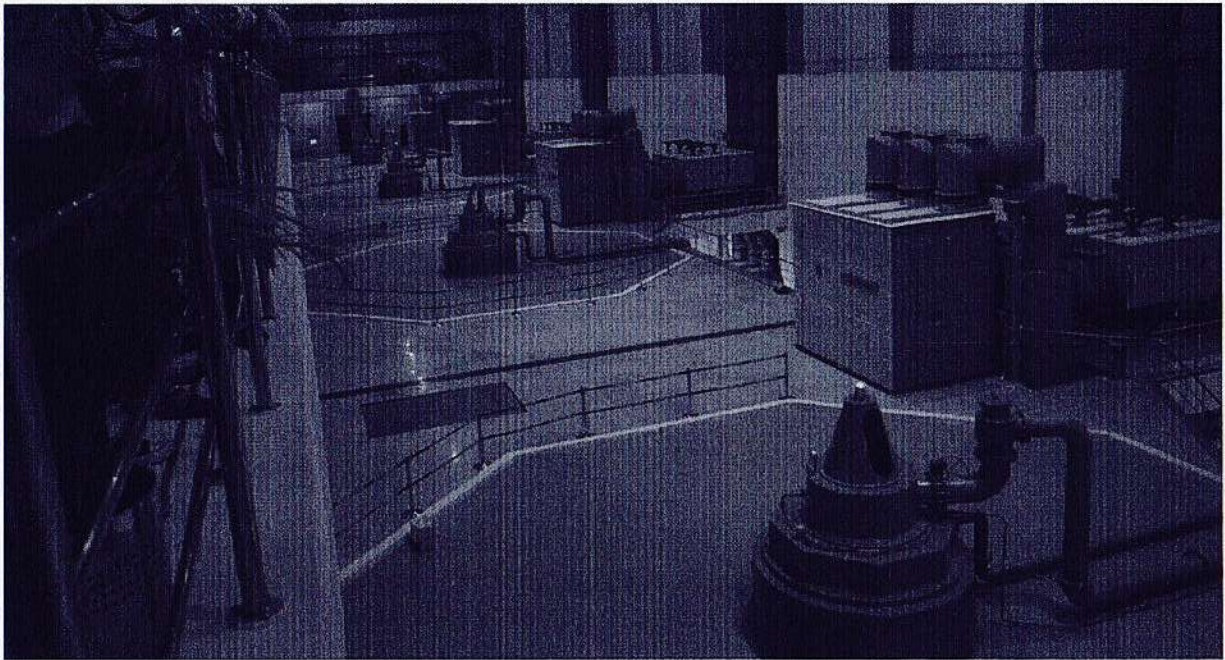


Spillway



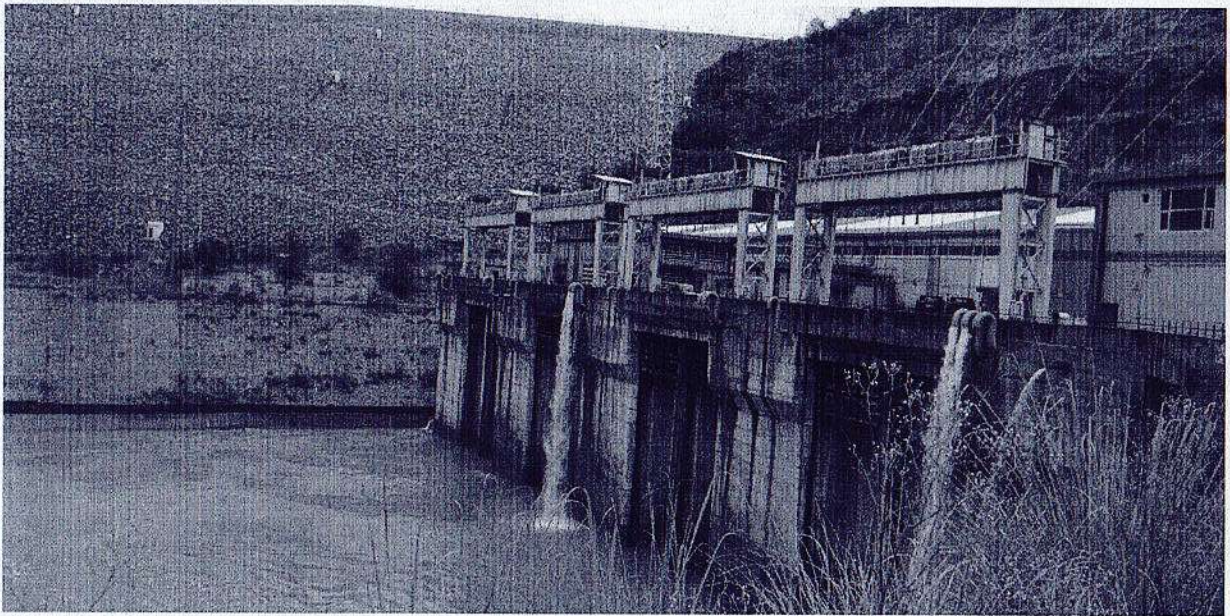


Lav Kush Diverging Tunnels



Four Hydro Power Units of 200MW





Water emerging out of turbines (Tail Race)



Faculty Abhilash Shukla along With Ms Prem Lata (AGM HR, NTPC)





CEC Coordinator Gourav Mahajan along with Ms. Swati Verma (EDC, NTPC)



CEC Coordinators along with faculty and HR's NTPC



List Of Selected Students For NTPC KOLDAM Visit (22/09/2018)

S.No	Name	E.No	Contact No
1	SudhanshuManikpuri	151629	
2	Aayush Jain	151630	
3	AbhinavJamwal	151631	
4	Divyam Thakur	151633	
5	Ajay Mahajan	151635	
6	Prikshit Gupta	151638	
7	Akshay Kumar	151640	
8	Akshay Sharma	151642	
9	Puneet Garg	151645	
10	Shashi Shekhar	151647	
11	Vinayak Sharma	151648	
12	Gourav Mahajan	151650	
13	Akhil Sharma	151657	
14	Amit Singh	151661	
15	Ashutosh Sharma	151664	
16	Dikshant Agarwal	151667	
17	Bhupinder Singh Verma	151668	
18	Ishan Uniyal	151673	
19	Saksham Kumar Sharma	151693	
20	Rishi Singh	161285	
21	Harshit Bansal	161602	
22	Abhishek Sharma	161603	
23	Amber Soni	161605	
24	Sourav Singh	161608	
25	AmbujAwasthi	161611	
26	HarshitSaxena	161613	
27	VivekPundir	161615	
28	Ketan Mishra	161624	
29	Ajay Sharma	161625	
30	Nikhil Kumar	161626	
31	Sangay	161628	
32	NgawangDolkar	161629	
33	Pema Zangmo	161630	
34	SonamTshomo	161631	
35	Chahat Garg	161647	
36	Pranav Gupta	161659	
37	ShubangMalgotra	161661	
38	VivekKashyap	161664	
39	Prasanna	161670	
40	Nitin Thakur	161671	
41	ShourabhMaanju	161673	
42	Saksham Mahajan	161675	



43	RiteshChaurasia	161691	
44	Karma Yangzom	161693	
45	Pema Yangden	161694	
46	ParmilaGurung	161695	
47	Yash Goyal	161696	
48	Hemant Goel	171602	
49	PawasSoni	171608	
50	Aditya Srivastava	171612	
51	Vaibhav Singh	171615	
52	Aditya Rana	171618	
53	Manik Seth	171631	
54	Siddhant Dubey	171632	
55	Mehul Kumar	171639	
56	Abhay	171653	
57	Aditya Shekhar	171655	
58	AkshayPathania	171659	
59	Abhishek Kumar Bind	171681	
60	Gourav Jaiswal	151632	

Mr. Chandrapal Gautam

CEC Coordinator, Dept. of CE



DESIGN OF TALL BUILDINGS WORKSHOP

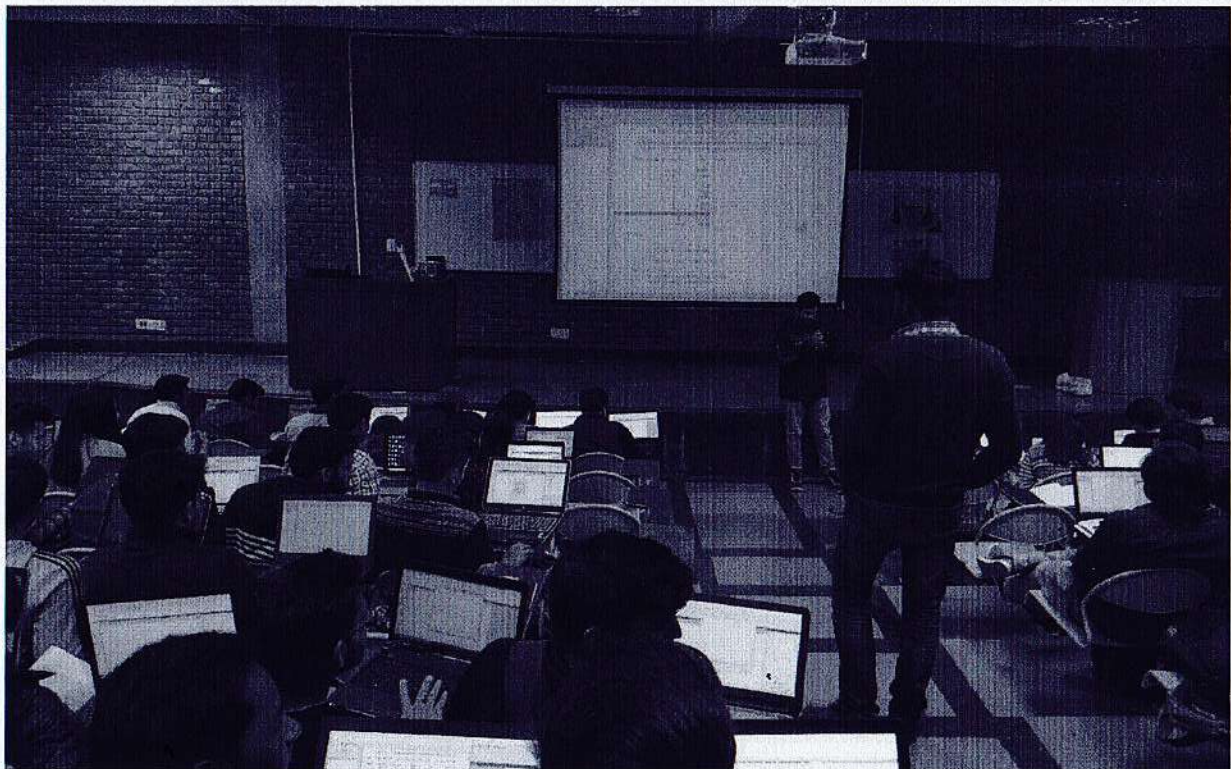
Civil Engineering Consortium (CEC) have successfully organized two day's workshop on **"Design of Tall Buildings"** which was conducted by Mr. Hemant from Innovian's Technologies for Civil Engineering students on **10th -11th March, 2018** in which 65 students participated & certificates were also provided from the company. There were four sessions of 3hrs each (from 09:00am-12pm & 02:00pm-05:00pm).

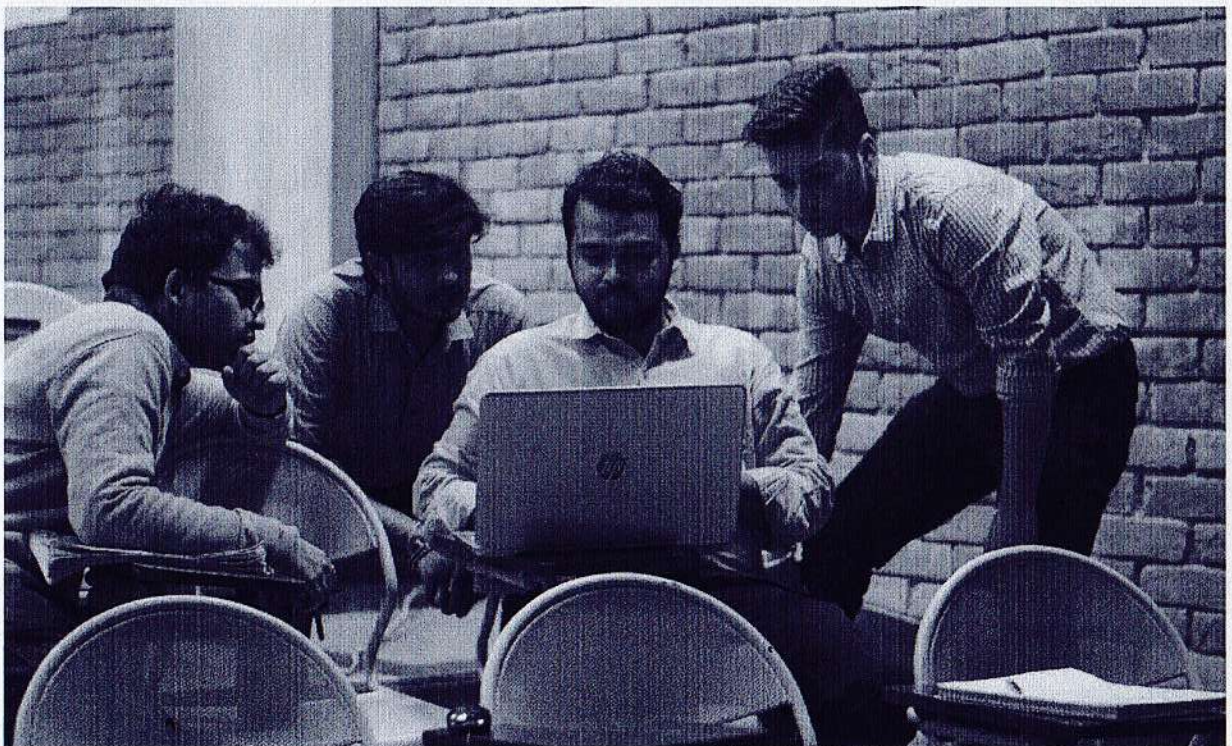
FACULTY COORDINATORS

CHANDRA PAL GAUTAM AND BIBHAS PAUL

STUDENT COORDINATORS

GOURAV MAHAJAN, AAYUSH JAIN AND CEC TEAM







SEMINAR CUM WORKSHOP

Civil Engineering Consortium (CEC) has successfully organized a “SEMINAR CUM WORKSHOP” conducted by experts from AUTODESK on **10th Aug, 2018** in CR-14 which was attended by 90 students.

In this seminar experts from Autodesk discussed about

- Company Profile
- Various Autodesk Softwares
- Importance of Civil Softwares
- Civil Market Trends
- Their Applications in Real World
- Value of the Certification

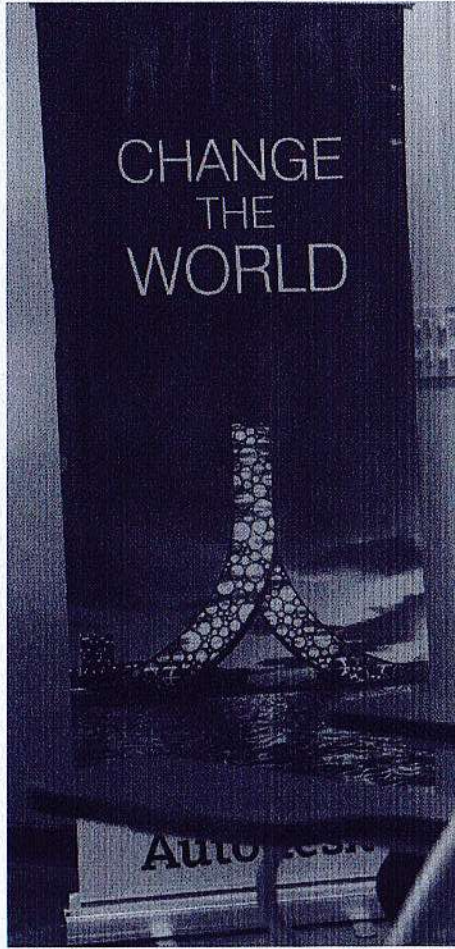
FACULTY COORDINATOR

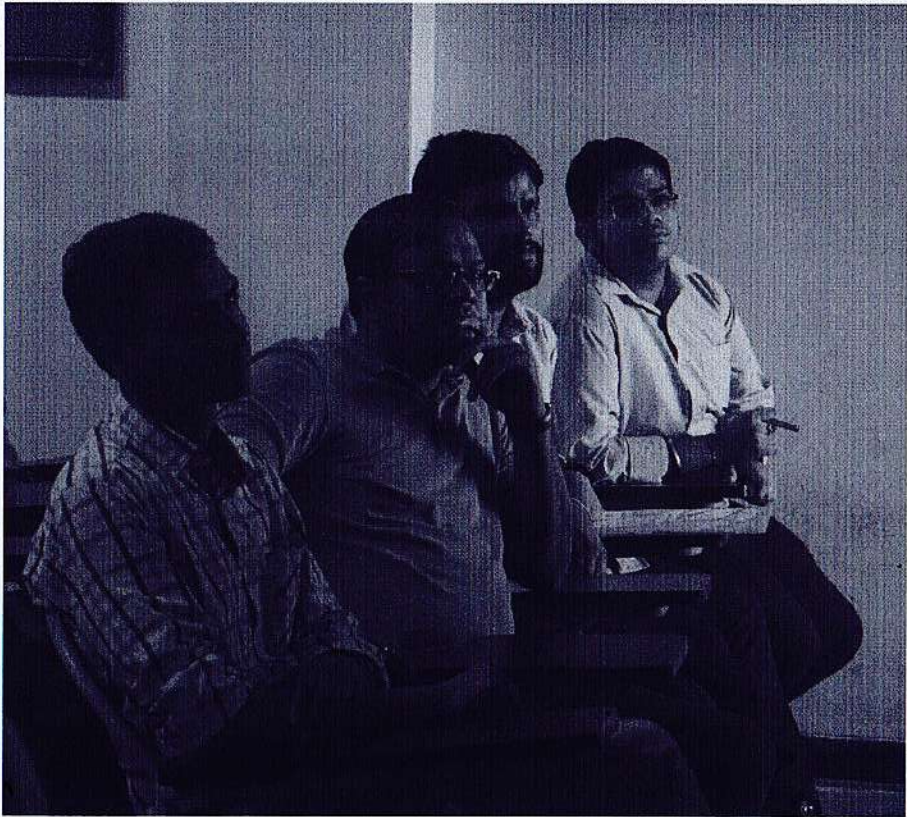
MR.CHANDRA PAL GAUTAM

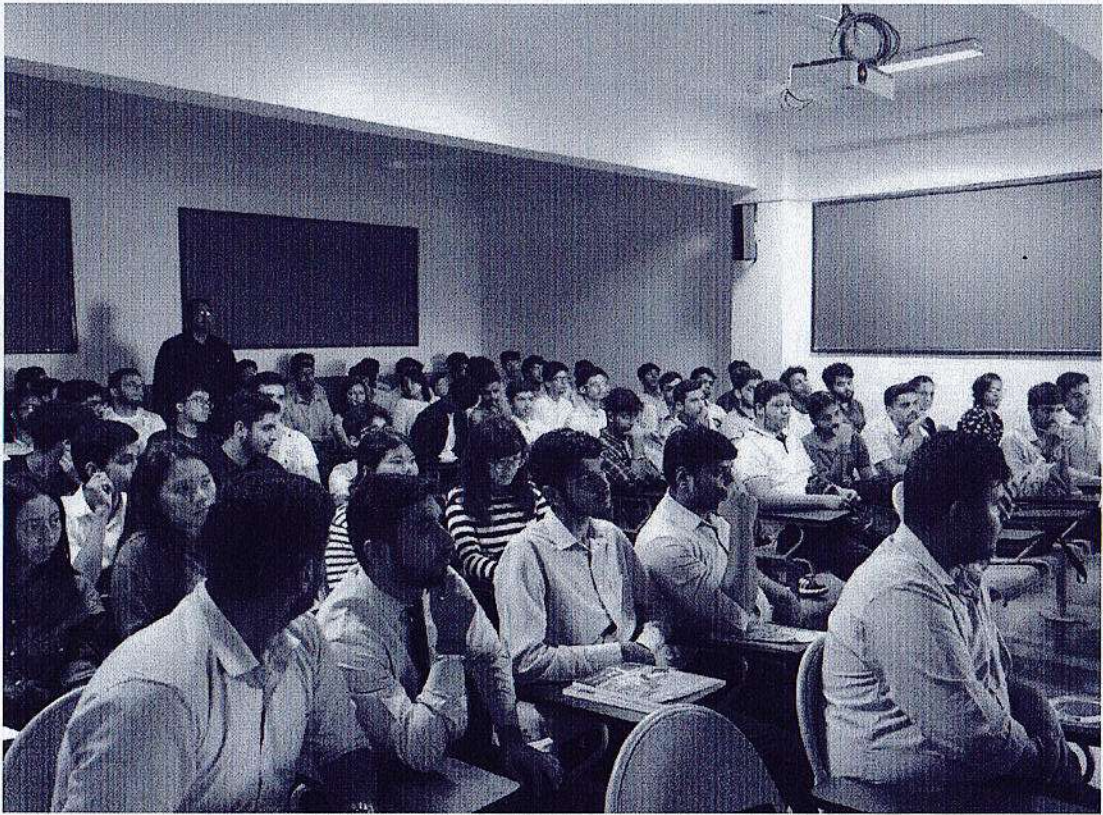
STUDENTS COORDINATORS

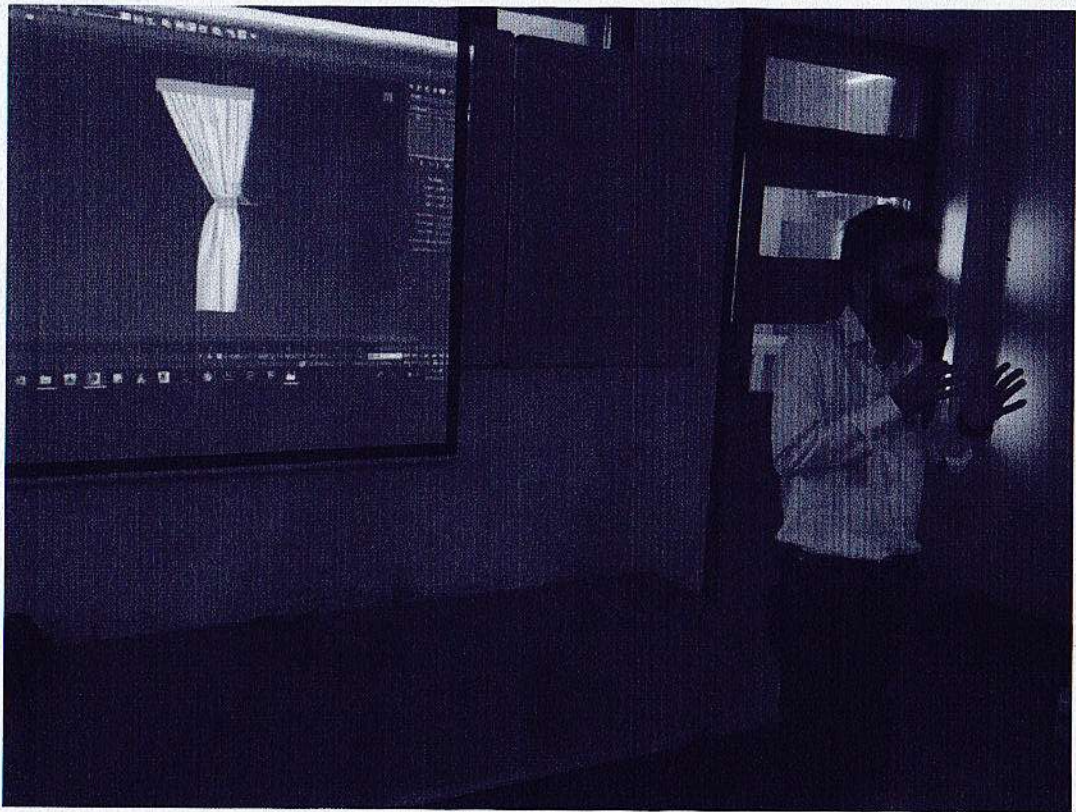
CEC TEAM











Report on
Two Day Symposium on “Recent Trends in Civil Engineering towards Sustainable Environment” (16th October 2018 – 17th October 2018)

A two day symposium on “Recent Trends in Civil Engineering towards Sustainable Environment” was organized by the Department of Civil Engineering. The program will be organized from 16-17 October 2018 (2 Days).

The program was successfully completed under the auspices of:

- Prof. Vinod Kumar – Vice Chancellor of JUIT Waknaghat and Patron of the organized CEP by the Department of Civil Engineering.
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Waknaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Waknaghat
- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat and Program Chair of the organized CEP by the Department of Civil Engineering.
- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Mr. Abhilash Shukla - Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Coordinator.



Symposium Schedule

16/10/18 (Tuesday)		
09:00- 10:00 am	Prof. Ashok Kumar Gupta Prof. V K Sehgal Prof. G. D. Ransingchung R.	Key-note /Inaugural Lecture
10:00- 11:00 am	Prof. G. D. Ransingchung R.	RAP as Sustainable Construction Materials
11:00-12:00 am	Prof. Ashish Kumar	Turbulence Measurements around Bridge Piers
Lunch		
02:00- 03:00 pm	Dr. Rajiv Ganguly	Matrix Method For Evaluation of Existing Solid Waste Management System in Himachal Pradesh, India
03:00 – 04:00 pm	Mr. Abhilash Shukla	Blast Resistant Concrete
04:00 – 05:00pm	Dr. Saurav	Concrete Lab
	Mr. Aakash Gupta	Highway Lab
17/10/18 (Wednesday)		
10:00- 11:00 am	Prof. V K Sehgal	Earthquake Resistant Design of RC Buildings as per IS Codes
11:00- 12:00 am	Proft. Veeresh Gali	Engineering and Environmental Philosophy
Lunch		
02:00- 03:00 pm	Dr. Saurabh Rawat	Slope Stabilization Using Helical Soil Nails
03:00 – 04:00 pm	Prof. Ashish Kumar	Hydraulics Lab
	Prof. Rajiv Ganguly	Environmental Lab
04:00 – 05:00pm	Prof. Ashish Kumar	Survey Lab
	Mr. Niraj Singh Parihar	Geotech Lab

Other Salient Features

- Video Recording of all lectures by the speakers for the Symposium available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Symposium available with the organizing committee and has been distributed to participants.
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.



- Feedback collected from participants for further improvement in conducting such program.

Summary of the Participants

<i>Types of Participants</i>	<i>Total No. of Registered Participants</i>
HPPWD Assistant and Junior Engineers	15
Other Participants	80

Feedback of the Participants

<i>Types of Participants</i>	<i>Total No. of Registered Participants</i>
HPPWD Assistant and Junior Engineers (18)	Excellent (85%) Very Good (10%) Good (5%)
Other Participants (40)	Excellent (90%) Very Good (8%) Good (2%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat



One day seminar on Innovation and Entrepreneurship in the sector of Renewable Energy

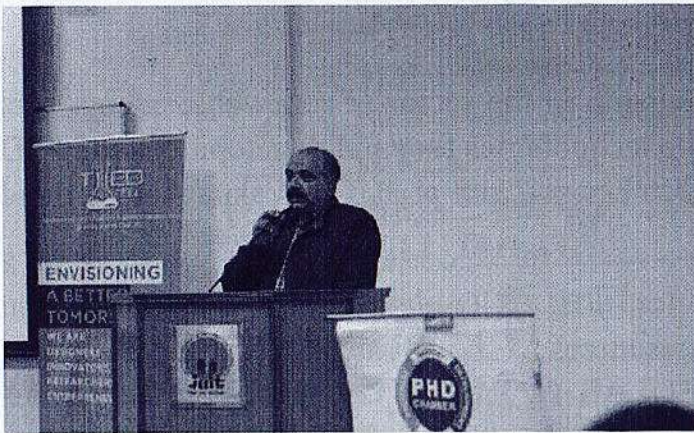
A one-day seminar on innovation and entrepreneurship in the sector of renewable energy was jointly organized by TIEDC, Centre for sustainable technologies for rural development and PhD chamber of Commerce and Industries on 29th October at 2 pm at JUIT, Wagnaghat. Around 200 participants attended the seminar.

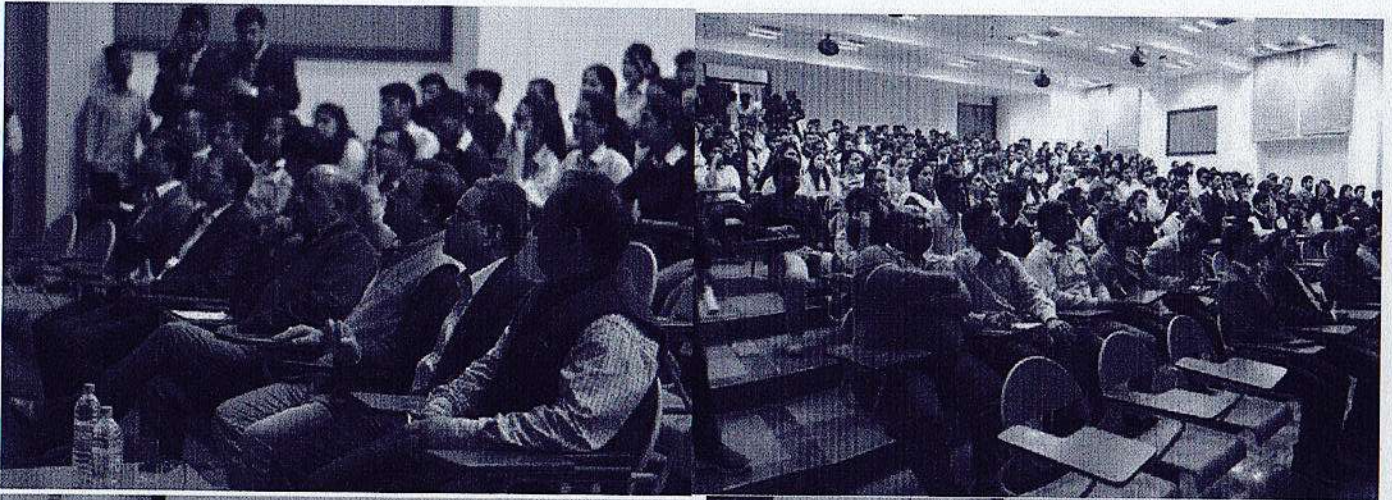
Mr. Anil Saunkhla, Deputy Resident Director, PHDCCD delivered a presentation on renewable energy regarding conservation of resources. **Mr. Divanshu Gupta**, Assistant Manager - Business Development of HARTEK SOLAR PVT.LTD. highlighted on the various aspects of Solar energy advancement and innovations involved in that field.

Mr. Sanjeev Kumar Gautam, Additional Superintendent Engineer-HIMURJA and Mr. Vineet Sood, Senior Project Officer -HIMURJA explained about various constructive renewable energy programs and initiative of HIMURJA HP.

During this event Dr. Sudhir Kumat, Head BT& BI encouraged the participants with his motivational lecture on Renewable energy. The event was concluded by a vote of thanks by Dr. Ashish Kumar, Nodal Officer, Incubation Centre , JUIT.









Seminar on
INNOVATION AND ENTREPRENEURSHIP
in the sector of
RENEWABLE ENERGY

Jointly Organised by:

Technology Incubation & Entrepreneurship Development Cell, JUIT

Centre for Sustainable Technologies for Rural Development, Department of Biotechnology and Bioinformatics, JUIT

PHD Chamber of Commerce and Industries

Resource Persons

Mr. Anil Saunkhla, Deputy Resident Director, PHDCCI

Er. Sanjeev Kumar Gautam, Add. Sup. Engineer, HIMURJA

Er. Vineet Sood, Senior Project Officer, HIMURJA

Mr. Divanshu, Hartek Group

DATE : 29th OCTOBER 2018

TIME : 2:00 pm (LT - 3)

VENUE : JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY



One day seminar on innovation entrepreneurship of Renewable energy:

Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

Sr. No.	Name	Roll No.	Department	Signature
01	Rahul Singh	161059	ECE	Rahul
02	Alok Shikhar	161063	ECE	Alok
03	Ranjan Kumar	161085	ECE	Ranjan
04	Ashish Kumar	161092	ECE	Ashish
05	(Hemant) Gupta	161081	ECE	Hemant
06	Tarun Gupta	161078	ECE	Tarun
07	Aditya Thakur	161092	ECE	Aditya
08	Riya Tyagi	161097	ECE	Riya
09	Bahar Sharma	161043	ECE	Bahar
10	Mehak Beakta	161069	ECE	Mehak
11	Keerti Verma	161056	ECE	Keerti
12	Amruta Shukla	161014	ECE	Amruta
13	Nikhil Pagari	161307	CSE	Nikhil
14	Himanshi Singh	161021	ECE	Himanshi
15	Shikha Shrivastava	161027	ECE	Shikha
16	Somya Chaturvedi	161099	ECE	Somya
17	Prashant	161325	CSE	Prashant
18	Shivam Raj	161026	ECE	Shivam
19	Prashant Kumar	161118	ECE	Prashant
20	Suresh Arora	161047	ECE	Suresh
21	Mayank Gupta	161044	ECE	Mayank
22	Nilesh Kishor	161034	ECE	Nilesh
23	Narinder Jangir	161046	ECE	Narinder
24	Samyakt Jain	161093	ECE	Samyakt
25	Ajeet Kumar	161090	ECE	Ajeet
26	Saarthak Dhamija	161650	ECE	Saarthak
27	Sanchit Garg	161051	ECE	Sanchit
28	Bhoomi Sharma	181503	BT	Bhoomi
29	Neha Verma	171825	BT	Neha
30	Pranshvi Mehra	181502	BT	Pranshvi
31	Nayanika Sharma	171835	BT	Nayanika
32	Kirti Arora	171820	BT	Kirti



3pm to 4pm

Student Attendance

Sr. No	Name	Roll NO.	Batch	Signature
1	DIWAKAR SRIVASTAVA	101330	CSE-15	Diwakar
2	Ishan Uniyal	151673	CE (Btech)	Ishana
3	Ashish Dangwal	151639	CE (Btech)	Ashish
4	Himanshi Singh	161021	ECE	Himanshi
5	mojit gang	161007	ECE	mojit gang
6	Shivanshu Rastogi	161026	ECE	Shivanshu
7	Aditya Sharma	151637	CIVIL (Btech)	Aditya
8	Ashish Verma	151672	CIVIL (Btech)	Ashish
9	Ashish Kumar	151670	CIVIL (Btech)	Ashish
10	Shubham Kumar	151683	Civil (Btech)	Shubham
11	Caanav	151622	Civil (Btech)	Caanav
12	Mayank Singh	151689	Civil (Btech)	Mayank
13	Sumit	151649	Civil	Sumit
14	ANIRUDH	151682	Civil	Anirudh
15	Divah	151601	Civil	Divah
16	Rahul Verma	141659	Civil	Rahul
17	Aditya Mishra	141663	Civil	Aditya
18	Pankaj	141658	Civil	Pankaj
19	Akshit Bora	141623	Civil	Akshit
20	Hansh Vasishth	141628	Civil	Hansh
21	Rishi Singh	161285	CE	Rishi
22	Ketan Mishra	161624	CE	Ketan
23	Nishil Pagare	161307	CSE	Nishil
24	Shantanu Srivastava	161087	ECE	Shantanu
25	Soumya Chaturvedi	161099	ECE	Soumya
26				
27				
28				
29				
30				



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

Sr. No.	Name	Roll No.	Department	Date: 29-Oct-18
				Signature
1	Vidhan Thakur	151641	Civil	<i>Vidhan</i>
2	Akshay Sharma	151642	Civil	<i>Akshay</i>
3	Vedansh Garg	151676	Civil	<i>Vedansh</i>
4	Shashi Shekhar	151647	Civil	<i>Shashi Shekhar</i>
5	Anirudh Pratap	151652	Civil	<i>Anirudh</i>
6	Vinayak Sharma	151648	Civil	<i>Vinayak</i>
7	Prerana Mahajan	151650	Civil	<i>Prerana</i>
8	Dhiraj Thakur	151633	Civil	<i>Dhiraj</i>
9	Akshay Kumar	151640	Civil	<i>Akshay</i>
10	Ajay Mahan	151633	Civil	<i>Ajay</i>
11	DIVESH NARANG	151682	Civil	<i>Divesh</i>
12	Puneet Garg	151645	Civil	<i>Puneet</i>
13	Karan Goel	151692	Civil	<i>Karan</i>
14	Surya	151674	Civil	<i>Surya</i>
15	Saketam Sharma	151696	Civil	<i>Saketam</i>
16	Ashish Tilotia	151628	Civil	<i>Ashish</i>
17	Manik Chui	151626	Civil	<i>Manik</i>
18	Jigyasa Khanna	151624	Civil	<i>Jigyasa</i>
19	Ngawang Dorji	161698	Civil	<i>Ngawang</i>
20	Sonam Tshomo	161631	Civil	<i>Sonam</i>
21	Pema Zangmo	161630	Civil	<i>Pema</i>
22	Sangay Zangmo	161631	Civil	<i>Sangay</i>
23	Abhinav Choudhary	161652	Civil	<i>Abhinav</i>
24	SHIVANI	151613	Civil	<i>Shivani</i>
25	Shivani Srivastava	182604	M-Tech	<i>Shivani Srivastava</i>
26	Prathans	182659	(Civil)	<i>Prathans</i>
21	Saketam Jain	151680	(M)	<i>Saketam</i>
22	Aayush Jain	151669	(Civil) Civil	<i>Aayush</i>



[Ph-D]

<u>S.No</u>	<u>Name</u>	<u>Roll No</u>	<u>Department</u>	<u>Signature</u>
1)	Ayushi Sharma	176553	Biotechnology	Ayushi
2.	Arvind Yadav	176502	BT	Arvind
3.)	Sarika Kumari	166553	Biotechnology	Sarika
4)	Lalita Sharma	186554	Biotechnology	Sharma
5)	Tanvi Sharma	186552	Biotechnology	Tanvi
6)	Rohit Gupta	186551	"	Rohit
7)	Susmita Kaur	186555	"	Susmita
8)	Pooja Thakur	186553	"	Pooja
9)	Vikrant Abbot	176552	Biotech.	Vikrant
10)	Prachi Vasista	186605	Civil	Prachi
11)	Sonia Sharma	186603	Civil	Sonia
12)	Pankaj Sharma	176606	Civil	Pankaj
13)	Samarth Sharda	161654	CIVIL	Samarth
14)	Divesh Rana	151601	Civil	Divesh
15)	Anisudh	151652	Civil	Anisudh



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

Sr. No.	Name	Roll No.	Department	Date: 29-Oct-18
				Signature
1.	Geurav	151632	CE	Geurav
2.	Mogam Singh	151689	CE	Mogam Singh
3.	Ayushi Jais	151630	CE	Ayushi
4.	RISHI SINHA	161285	CIVIL	Rishi
5.	Sudhanshu Manikpuri	151629	CE	Sudhanshu
6.	Deval Achik	151666	CE	Deval
7.	Himanshu Yadav	151636	CIVIL	Himanshu
8.	Shubham Kumar	151683	CE	Shubham
9.	Hardik Sharma	161110	ECE	Hardik
10.	Ajay Thakur	161100	ECE	Ajay
11.	Prashant	161108	ECE	Prashant
12.	Sahil	161106	ECE	Sahil
13.	Shubham Gannal	161107	ECE	Shubham
14.	UTKARSH SHARMA	161097	ECE	Utkarsh
15.	Ketan Mishra	161624	CE	Ketan
16.	Shreshth Saha	161824	BT	Shreshth
17.	Ayushi Khimta	161837	BT	Ayushi
18.	Palak Sharma	161826	BT	Palak
19.	Tanvi Saha	161830	BT	Tanvi
20.	Aashima Puri	161823	BT	Aashima
21.	Vasudha Porwal	161805	BT	Vasudha
22.	Rakshit	161815	BT	Rakshit
23.	Harshita Mahapatra	161809	BT	Harshita
24.	Vinay Kotham	171805	BT	Vinay
25.	Devansh Verna	171806	BT	Devansh
26.	Divyansh Rana	171810	BT	Divyansh



	Name	Roll No.	Dept.	Signature
27.	Prachi Gupta	161819	B.T.	
28	Shruja Anore	161806	BT	
29	B. Soniya.	161833	BT	
30	Indeyreet Singh	161068	ECE	
31	Humadri	161802	BT	
32	Suivam Snaama	182604	M.Tech(Em)	
33	Nitin Thakur	161691	(Civil)	
34	Ankur Choudhary	176605	PRD(CE)	
35	Vineet Aggarwal	171251	CSE	
36	Aditya Sharma	151637	Civil	
37.	Ashish Verma	151672	CIVIL	
38	Pankaj Sankhyan	141658	Civil	
39	Rohit Verma	141659	Civil	
40	Sumit Dhanraj	151649	Civil	
41	Mayank Jain	151669	Civil	
42	Saksham Jain	151680	Civil	
43	Shubham Dogra	181820	BioTech	
44	Akshat Bary	141623	Civil	
45	Harsh Vashan Singh	141628	Civil	
46	Prashant Pathak	182659	M.Tech - IT	
47	Akhil Sharma	151657	Civil	
48	Amaan Zahoor	151617	Civil	
49	Ahmedham	151670	Civil	
50	Shubham Kumar	151683	Civil	
51	Couray	151632	Civil	



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

				Date: 29-Oct-18
Sr. No.	Name	Roll No.	Department	Signature
1.	Ghenu Gupta	151614	Civil	Charu
2.	Kuenzang SC Choden	151610	Civil	Adhoday
3.	Abhishek Kowndal	161104	ECE	Arvind
4.	Dhiman Mahajan	161089	ECE	Arvind
5.	Karwar Singh	161116	ECE	Arvind
6.	Mandhan Chauhan	161117	ECE	Navdeep
7.	Kantikay	151698	Civil	Kantikay
8.	Spansh Lath	151697	Civil	Arvind
9.	TARUN	151690	Civil	Arvind
10.	Sushant Gupta	161646	Civil	Jishu
11.	XITIZ Sen	161642	Civil	Arbit
12.	Shankar Kumar	161644	Civil	Vijay
13.	Divyashish Dixit	161086	ECE	Arvind
14.	Uday Sharma	161683	ECE	Uds
15.	YASHWANT RANA	161634	CE	Yous
16.	Anish	161649	CE	Jur
17.	Mukul Sharma	161635	CE	Mukul
18.	Nishant	161651	CE	Dev
19.	Spansh Mahajan	161037	ECE	Arbit
20.	Uday Sood	161648	E.C.E.	Uday Sood
21.	Mohit Gang	161007	E.C.E.	mohit gang
22.	Ashish Kumar	161061	ECE	Ashish
23.	Mukul Gupta	161067	ECE	Mukul
24.	Bhavya Chodha	161075	ECE	Day Chodha
25.	Abhinav Sharma	161060	ECE	Abhinav



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

Sr. No.	Name	Roll No.	Department	Signature
1.	Rachita Gupta	171818	BT	Rachita Gupta
2.	Eka Choudhary	171816	BT	Eka Choudhary
3.	Manvi Rastogi	171834	BT	Manvi Rastogi
4.	Naveeta Katar	171820	BT	Naveeta Katar
5.	Jigyasa Batra	171821	BT	Jigyasa Batra
6.	Anjali Sharma	171505	BI	Anjali Sharma
7.	Aakriti Aakriti Chauhan	171503	BI	Aakriti Chauhan
8.	Aagan Mishra	171509	BI	Aagan Mishra
9.	Aakanksha Gauram	171517	BI	Aakanksha Gauram
10.	Kritika Sharma	171513	BI	Kritika Sharma
11.	Mehak Kapoor	171519	BI	Mehak Kapoor
12.	Saaksh Kaur	171515	BI	Saaksh Kaur
13.	Mudita Kapoor	171501	BI	Mudita Kapoor
14.	Srishti	171516	BZ	Srishti
15.	Prerna	171511	BZ	Prerna
16.	Aakanksha Pandey	171807	BT	Aakanksha Pandey
17.	Divakar Palwal	171814	BT	Divakar Palwal
18.	Ananya Kaul	171801	BT	Ananya Kaul
19.	Sugam Singh	171812	BT	Sugam Singh
20.	Vasudev Singh	171802	BT	Vasudev Singh



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

Date: 29-Oct-18

Sr. No.	Name	Roll No.	Department	Signature
1.	Arshi Tyagi	161838	B.T.	
2.	Lakshya Sharma	161803	B.T.	
3.	Abhishek Dogra	161844	BT	
4)	Rohit Thakur	161801	BT	
5	Srijit Saraswat	161816	BT	
6.	Kushagra Anandaram	161033	ECE	
7.	Garima Malhotra	161027	ECE	
8.	Smriti Samaddar	161817	BT	
9.	Hingdri	161802	BT	
10.	Vaibhav handa	161813	BT	
11.	Aditi Sharma	161821	BT	
12.	Tanya Gupta	161032	ECE	
12.	Sonika Jain	161049	ECE	
14.	Shreya	161842	BT	
16.	Mansi Sharma	161808	BT	
17.	Manasi Kachhap	161024	ECE	
18	Rishm Kone	161831	BT	
19	Dhruvika Sharma	161836	BT	
19	Rohit			
20.	Rohit Sharma	16182	Civil	
21.	Aditya Neekhera	171258	Coe.	



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

Sr. No.	Name	Roll No.	Department	Signature
01.	DIWAKAR SRIVASTAVA	181330	CSE	Diwakar
02.	PRANAV BANSAL	161048	ECE	
03	Himanshu Wala	161030	ECE	Himanshu
04	Anshul Kumar	161076	ECE	Anshul
05	Ashish Sharma	161111	ECE	Ashish
06	Anan Dhir	161641	ECE	Anan
07	Nitin Kumar	161114	ECE	Nitin
08	Shakshi Sharma	161084	ECE	Shakshi
09	Ayushika Kapoor	161080	ECE	Ayushika
10	Pragati Srivastava	161645	ECE	Pragati
11	Aditya Mohan	161035	ECE	Aditya
12	Shashwat	161038	ECE	Shashwat
13	ARUSHI VERMA	161112	ECE	Arushi
14	ARUSHI KAUASHAL	161832	B.T	Arushi
15	Nikhil M.	181275	CSE	Nikhil
16	Purav Vashisht.	181287	CSE	Purav
17.)	Ritik Bhasdwas	181262	CSE	Ritik
18.	Vaibhav Jaiswal	181368	CSE	Vaibhav
19.	Vidhita Jain	181486	IT	Vidhita
20	Anubhav Thapa	181286	CSE	Anubhav
21.	Aks Tejwari	181261	CSE	Aks
22	Siddharth singh	161015	ECE	Siddharth
23.	Sumit Thakur	161006	ECE	Sumit
24.	Megham Gang	161031	ECE	Megham
25.	Samson Shukla	161005	ECE	Samson
26.	Akshay Som	161003	ECE	Akshay
27.	Santosh Srivastava	161119	ECE	Santosh
28.	Kanika	161017	ECE	Kanika
29.	Prityanshi Rastogi	161016	ECE	Prityanshi
30	Pritya Saxena	(4 th year) 151806	BT	Pritya



31.	Vishakha Saini	151813 [4 th year]	BT	<u>Vishakha</u>
32.	Rudraachish Noolin	151828 [4 th year]	BT	<u>Rudraachish</u>
33.	Pralisha Pandey	151801 [4 th year]	BT	<u>Pralisha</u>
34.	Sakshi Gupta	151808 [4 th year]	BT	<u>Sakshi Gupta</u>
35	Bhawmi Singh	182653 [1 st year]	M Tech Civil (S.E)	<u>Bhawmi</u>
36.	Dikshit	182651	M Tech SE	<u>Dikshit</u>
37 Akshay		182657	M Tech SE	<u>Akshay</u>
38. Awaz Dutt		182656	M Tech SE	<u>Awaz</u>
39 Aishwarya		182652	M Tech S.E.	<u>Aishwarya</u>
340 Atish		182658	M Tech SE	<u>Atish</u>
41 Bhupinder		151668 (4 th year)	BT	<u>Bhupinder</u>
42 Ayush		151687	B Tech (Civil)	<u>Ayush</u>
43 Nitish		151654	B Tech (Civil)	<u>Nitish</u>
44. Ashish		151639	B Tech (CE)	<u>Ashish</u>
45 Parulshit		151659	B.T (Civil)	<u>Parulshit</u>
46 181 Amit		151661	B Tech (Civil)	<u>Amit</u>
47 Kuldeep		151688	B Tech (Civil)	<u>Kuldeep</u>
48 Abhinav		151631	B Tech (Civil)	<u>Abhinav</u>
49 Pankajit		151638	B Tech (Civil)	<u>Pankajit</u>
50 Ishan		151673	B. Tech (Civil)	<u>Ishan</u>
51 Saksham Kumar Jh.		151693	B. Tech (Civil)	<u>Saksham</u>
52 Aatish Rajta		151647	Civil	<u>Aatish</u>
53 Tannu Verma		151623	Civil	<u>Tannu</u>
54 Arpan Sharma		151655	Civil	<u>Arpan</u>



3 pm to 4 pm

	Name	Roll No	Branch	Sign.
63	Pavan Bansal	161048	ECE	
64	Abhinav Kumar	161060	ECF	Abhinav.
65	Ashutosh Kumar	161076	ECE	Ashutosh
66	BHAYYA CHADDA	161075	ECE	Bhavya
67	Ashish Kumar	161061	ECE	Ashish
68	UDAY SOOD	161648	E.C.E.	Uday sood
69	Mukul Gupta	161067	E.C.E.	Mukul
70	UDAY Sharma	161683	ECF	Uday
71	Divanshu Dhimel	161086	ECF	
72	Ankursh	171311	CSE	
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3 to 4 pm

	Name	Roll no	Branch	Signature
95	Rachita Gupta	171818	BT	Rachita Gupta
96	Ekla Choudhary	171816	BT	(Eklachoudhary)
97	Manvika Rastogi	171834	BT	Manvika
98	Naveeta Katar	171820	BT	Naveeta
99	Jigyasa Batra	171821	BT	Jigyasa
100	Aakriti Chauhan	171503	BI	Aakriti
101	Arushi Sharma	171505	BI	Arushi
102	Hagan Mishra	171509	BI	Hagan
103	Aakanksha Gaurav	171517	BI	Aakanksha
104	Kritika Ghemra	171513	BI	Kritika
105	Mehak Kapoor	171519	BI	Mehak
106	Mudit Kapoor	171501	BI	Mudit
107	Priyanshu	171511	BI	Priyanshu
108	Sanjeet	171515	BI	Sanjeet
109	Smriti	171511	BI	Smriti
110	Aakanksha Pandey	171807	BT	Aakanksha
111	Ananya Kaul	171801	BT	Ananya
112	Divyanshu Katiwal	171814	BT	Divyanshu

M.TECH	113	Sugam Singh	171812	BT	Sugam
SE	114	Amit Dutt	182656	M.Tech SE	Amit
CIVIL	115	Shawani Singh	182653	M.Tech SE	Shawani
	116	Aishwarya	182657	M.Tech S.C	Aishwarya
	117	Dikshit	182651	M.Tech SE	Dikshit
	118	Aatish	182658	M.Tech SE	Aatish
	119	Aishwarya	182652	M.Tech SE	Aishwarya
	120	VISHAKHA	151815	D.T	Vishakha
	121	Rudransh	151828	D.T	Rudransh



Seminar on Innovation & Entrepreneurship in the sector of Renewable Energy

				Date: 29-Oct-18
Sr. No.	Name	Roll No.	Department	Signature
1	Himanchi Sharma	161012	ECE	Himanchi
2	Shailu Srivastava	161045	ECE	Shailu
3	Sughosh Sharma	161058	ECE	Sughosh
4	Vijaita Jaiswal	171819	BT	Vijaita
5	Tshita	171828	BT	Tshita
7	Jaskkoti	171897	BT	Jaskkoti
8	Megha Sharma	171830	BT	Megha
9	Yukti	171826	BT	Yukti
10	Ashwini	171834	BT	Ashwini
11	Arpit Bora	181412	CSE	Arpit
12	Vasbi Sharma	181456	CSE	Vasbi
13	Shreya Jayant	181249	CSE	Shreya
14	Mohak Goel	181388	CSE	Mohak
15	Poorvansh Gupta	181289	C.S.E.	P Gupta
16	Ishaan Kotwal	181386	CSE	I Kotwal
17	Arshit Sharma	181276	CSE	Arshit Sharma
18	Rusmita Singh	161070	ECE	Rusmita
19	Apurva Padhyal	161083	ECE	Apurva
20	Nirhidesh Thakur	151604	Civil	Nirhidesh
21	Abhishek	151606	Civil	Abhishek
22	Aayush	171259	CSE	Aayush
23	Ankush	171311	CSE	Ankush
				Nishant
				29/10/18



Hostels' Activities

Motivational Seminar by 'JUIT Student – Soham Ahuja (171015)

16 November 2018

Soham Ahuja is a student of second year ECE branch who had completed his schooling from St. Luke's Sr. Sec. School, Solan. He has represented Himachal Pradesh on National Level in theatre and dramatics, securing the 2nd position. He has been titled as the "Best speaker of Shimla", the "Best Orator" of St. Luke's School and has won a number of inter and intra state English Elocution competitions. The motivational speaker, Soham Ahuja has conducted a number of such seminars around Solan vicinity.

"SANCHETNA- Dawn of a new vision" is a self-project of Soham Ahuja under the supervision of Dr. Rakesh Bajaj (Associate Professor, Department of Mathematics), wherein he has been conducting motivational seminars for different schools and colleges in and around Solan vicinity. He has already done it in 7 schools and colleges where he got an amazing response from all of them and appreciation letters from a few as well. On 16 November 2018, a motivational seminar on the

topic "Always Being a Winner" was conducted in LT-2, JUIT, Wagnaghat. A total of 55 enthusiastic students were present to attend the seminar. The motivational speaker Soham Ahuja started the seminar by reciting the story of a guy named Pappu who was always engrossed in the rat race to be successful. In the next part of the seminar all the students were asked to close their eyes and live their dream, eventually realizing the power of celebrating life. Further he listed out the various qualities of a winner such as, happiness, contentment, positive thinking and asking for more in life. He described all these qualities in detail by citing examples from daily life and said that all of us must possess all these qualities in order to become winners of our own lives. Finally, the seminar ended with the story of a Japanese Marathon runner who with her injured leg and unbeatable spirit of never given in, crawled 300m to reach the end line. He concluded by saying that "Winning is not about getting on the top, it's all about completing the race".



List of Students (Motivational Seminar by Mr Soharn Ahuja
16th Nov 2018)

(Date:

Sl No.	RollNo.	Name
1	171001	Abhishek Bundel
2	171002	Ayush Kumar Jaiswal
3	171003	Mukul Bhatia
4	171004	Diwakshu Katoch
5	171005	Akhil Chauhan
6	171006	Prerna Kanwar
7	171007	Sahitya Bhalaik
8	171008	Sanket Saxena
9	171009	Kritik Verma
10	171010	Sangharsh Singh
11	171011	Devanshu Rana
12	171014	Ujjwal Jain
13	171018	Rohit Behl
14	171019	Shivam Sinha
15	171020	Sanyam
16	171023	Abhishek Malik
17	171025	Kshitij Katoch
18	171026	Spardha Kapil
19	171027	Sheetanshu Saurabh
20	171028	Hitesh Thakur
21	171029	Sarthak Bisht
22	171031	Shubham Kumar
23	171032	Shivansh Suhane
24	171033	Ritwik Sood
25	171034	Tarun Arora
26	171035	Ishan Goyal
27	171036	Dhananjai Bhalaik
28	171038	Ananya Shukla
29	171039	Rajnikant Yadav
30	171040	Piyush Kumar Singh
31	171041	Sushant Singh
32	171043	Saurav Anand
33	171045	Tanishq Thakur
34	171046	Utkarsh Srivastava
35	171047	Mehul Bandlish
36	171049	Shachi Sharma
37	171050	Ananya Sharma
38	171051	Shruti Sharma
39	171052	Shubham Singh
40	171055	Akshat Shukla
41	171056	Prachi Pal
42	171057	Bandana Pal
43	171059	Anushka Dixit
44	171060	Surya Mahajan
45	171061	Saksham Goel
46	171062	Vishal Srivastava
47	171064	Manikant
48	171065	Shruti Singh
49	171072	Nikunj Tyagi
50	171073	Saumya Jajodia
51	171074	Akshat Gupta
52	171075	Aadhya Bajpai
53	171079	Kartikey Bindal
54	171080	Nikunj Rastogi
55	171082	Rajeev Kumar

Soharn Ahuja
17/11/2018

(Teaching faculty)



A
REPORT ON
ACADEMIC INSTITUTION VISIT
TO
Central Research Institute.
Kasauli (H.P)-173204



ON 20th NOVEMBER 2018
BY STUDENTS OF
BIOTECHNOLOGY & BIOINFORMATICS

ORGANIZED BY
Department of Biotechnology and Bioinformatics
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY-
WAKNAGHAT



Academic institution visit (a part of Industrial visit) was carried out at Central Research Institute Kasauli- H.P on 20th November, 2018 especially for third semester student. The purpose of the visit was to make students aware about how various activities related to microbiology, vaccine, antisera and diagnostic reagent production are carried out in Govt. research institution. This was also to provide them feel of biotechnology applications as soon as they start their course.

Central Research Institute (CRI) is a premier research institution dedicated to research in the field of medical and public health, manufacture of vaccines and antisera, human resource development and to act as a national referral centre for public health problems. The contribution of the Institute towards vaccine production during the period of the Second World War for the immunization of troops to keep them fighting, finds no parallel. Recent developments in regulatory requirements and introduction of Schedule M concept in vaccine manufacturing emphasized the need of cGMP compliant infrastructure and processes. Creation of cGMP compliant DPT production facility has made CRI as the first Central Government Institute to have cGMP compliant infrastructure for vaccine production.

Dr. Jitendraa Vashistt, Dr. Abhishek along with 46 students visited the research institute located in Kasauli – H.P. The faculty member had an interaction with CRI Scientists – Dr. Sankhyan , Dr Yashwant and briefed him about the program of the department. The areas were identified for possible collaboration of JUIT-CRI.

Mrs Prèet Thakur of CRI guided the JUIT team to the respective laboratory, where an orientation of institution was given by Mrs. Thakur about history and main products developed at CRI. After introduction, all students were divided in two groups of 23 each and were headed by one staff member of respective research lab who helped them to understand the research work going on the respective lab. Students took almost three hour to see complete set of instruments and production facilities of vaccine manufacturing. This was followed by questions of students. The JUIT team appreciated staff member who guided students and answers their queries.





Photographs of interaction at CRI Kasauli – H.P

It is rightly said that “See & know’ is better than ‘read & learn’. Students got real feel of research work after this visit. They got a chance to transfer their theoretical knowledge to practical implications. This will even help students to understand subject matter clearly in future also.

The JUIT team extend our gratitude to the Director of CRI-Kasauli for permission and support they gave to make our visit a success with accomplishment of objective and our HOD Sir, Dr. Sudhir Kumar, Director Sir, Dr. Sameer Dev Gupta and V.C Sir, Dr. Vinod Kumar for arranging this visit for our student.

Thanks & Regards

Dr. Abhishek

Department-Industries Relation Officer



From: nafisuddin.khan/Juit
To: juit_all@ju.it.ac.in
Cc: all_faculty@ju.it.ac.in, all_hod@ju.it.ac.in, samirdev.gupta/Juit@ju.it.ac.in,
vinod.kumar/Juit@ju.it.ac.in, registrar/Juit@ju.it.ac.in

Date: Monday, November 26, 2018 10:48AM
Subject: Talk of Officials of BHABHA ATOMIC RESEARCH CENTRE (BARC) with Final Year Students - Nov 27, 2018

Dear Recipient,

It is to inform you all that officials of **BHABHA ATOMIC RESEARCH CENTRE (BARC)** is conducting an orientation program for final year students in JUIT campus. The program has been scheduled on November 27, 2018 (10 AM - 12 AM) in LT -3.

The topics of the orientation program are:

1. Roll of Research Reactor in Development of Nuclear Technology.
2. Career Opportunity in the Department of Atomic Energy.

I request all the faculty members if interested may please attend the program. And, moreover, please encourage the final year students to attend the program. The attendance of the students of that particular time will be communicated to the respective faculty members.

Regards,
Dr. Nafis U. Khan.



Student Attendance for the Talk by BARC officials 27/11/2018

S.No.	RollNo.	Name	Status
1	151002	ADITYA THAKUR	ECE
2	151004	MANISHA SHARMA	ECE
3	151007	ANUJ PURWAR	ECE
4	151008	PARAS MITTAL	ECE
5	151009	SAHAJ CHOPRA	ECE
6	151009	SAHAJ CHOPRA	ECE
7	151010	KARTIK BANTA	ECE
8	151011	RITUL SINGH	ECE
9	151012	JAGRITI TANDON	ECE
10	151013	MOHIT PATEL	ECE
11	151014	Prakhar Tiwari	ECE
12	151015	MOHIT SACHDEVA	ECE
13	151016	REETIKA MITTAL	ECE
14	151017	AYUSHI AWASTHI	ECE
15	151018	ISHITA	ECE
16	151018	ISHITA	ECE
17	151019	MAHIMA SURI	ECE
18	151020	Bhavishya Pathak	ECE
19	151021	RICHA BHARDWAJ	ECE
20	151023	NIKHIL THAKUR	ECE
21	151025	KARAN AHUJA	ECE
22	151027	AKSHAT BHATNAGAR	ECE
23	151028	KRIKA CHAUDHARY	ECE
24	151028	KRIKA CHAUDHARY	ECE
25	151028	KRIKA CHAUDHARY	ECE
26	151030	AJAY SINGH	ECE
27	151031	MOHIT KUMAR GUPTA	ECE
28	151034	PRASHANT ARYA	ECE
29	151034	PRASHANT ARYA	ECE
30	151034	PRASHANT ARYA	ECE
31	151039	AMOGH MISHRA	ECE
32	151040	RHEA KUKRETI	ECE
33	151041	BHUMIKA GARG	ECE
34	151042	JASLEEN KAUR	ECE
35	151042	JASLEEN KAUR	ECE
36	151043	MAHIMA PARASHAR	ECE
37	151043	MAHIMA PARASHAR	ECE
38	151044	DHRUV GARG	ECE
39	151045	RAMNEET KAUR	ECE
40	151047	PRAFULL RAINA	ECE
41	151048	SANCHIT DANG	ECE
42	151051	RISHI CHAWLA	ECE
43	151053	HARSHIT JAIN	ECE
44	151055	SACHIN TAKYAR	ECE
45	151056	RUSHIL BHATNAGAR	ECE
46	151059	RIYA OHRI	ECE
47	151063	SHRUTI SABHERWAL	ECE
48	151064	DEEPA NKAR MATHUR	ECE



Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	25
Other Participants	60

Feedback of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant & Junior Engineers (25)	Excellent (87%) Very Good (10%) Good (3%)
Other Participants (60)	Excellent (78%) Very Good (20%) Good (2%)

With Regards

Dr. Amardeep,

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology Waknaghat



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of Electronics and Communication Engineering organized a Three day workshop on **“Computational Tools and Techniques for Biomedical Signal Processing- Advances in Biomedical Engineering”** by the experts from Biopac Systems, USA with Gentech Marketing and Distribution Pvt. Ltd, India from October 10- 12, 2019. It was conducted by Ms. Varnika Talwar, Ms. Taranmeet Kaur, and Mr. Manish Kumar.

The advances in biomedical engineering equipped the physiologists to acquire a wide variety of physiological signals with precision and reproducibility. BIOPAC provides Life Sciences researchers a complete range of powerful, flexible, user friendly hardware and software platforms, aptly designed for obtaining great scientific data in lab settings, MRI, and real-world environments. The Biopac instruments provide unique at the same time versatile hardware/software combinations available as, wired, wireless, wearable or MRI which can be easily used for/on human as well as experimental model systems according to physiologist's requirement. The traditional polygraph is replaced with computerized Data acquisition system (MP150) with Ethernet connectivity to record all physiological parameters in Lab environment. MP150 is a 16-channel system, which includes Acknowledge software with specialized analysis capabilities with applications to over 40 research fields. The new modules are available for electrogastrogram, microelectrode recording, noninvasive blood pressure measurement & electrical bio impedance (cardiac output), and others.

Now BIOPAC BioNomadix wearable wireless devices give freedom to record physiological parameters in real time without restrain. Physiological data can be recorded at workplace, during Yoga maneuvers, Meditation without causing discomfort to subjects. BioNomadix can provide the researcher flexibility to monitor a plethora of signals viz. ECG, EEG, EMG, EOG, EGG, EDA, Pulse, Respiration, Temperature, Cardiac Output, Heal & Toe Strike, Clench Force, Accelerometer, and Goniometer in humane settings. The New BioNomadix Logger allows participants to wear BioNomadix devices and live their lives while it records the data as per the researchers/clinician 's demand. The activity and the signals of various parameters can be 24x7 recorded and tracked using GPS. In addition, the personal audio notes can be synchronized to mark and analyze the events of interest.

BIOPAC provides a range of virtual reality (VR) immersive solutions with physiology data. VR allows you to tightly control the experimental conditions in a complex socio-physiological environment. The scientists can design experiments that are otherwise impossible or prohibitively expensive in the real world. Immersive environments can take the subject anywhere and let you unlock the boundaries of your physical lab space and budget.



BIOPAC VR is useful in studying psychophysiology, rehabilitation, neuromarketing & neuroeconomics, biomechanics & kinesiology, ergonomics, and many others.

In nutshell, Biopac instruments have given impeccable support to life science research and with the advanced BIOPAC instruments will lead the future science.

More than 250 students, 50 participants and 25 faculty members have attended the workshop.

Workshop was a joint effort of Dr. Shruti Jain (Associate Professor, Department of ECE) and Dr. Meenakshi Sood (Assistant Professor, Department of ECE).







Expert Lecture on

Biomedical Signals and Image Analysis for Affordable Diagnostic

BY PROF. DINESH KANT KUMAR, RMIT UNIVERSITY, MELBOURNE

October 10, 2019

Prof. Dinesh Kant Kumar started his talk with informing us about the most common lifestyle disease, diabetes, and how diabetes leads to chronic illness. He explains that diabetes are also more likely to have certain conditions, or risk factors, that increase the chances of having heart disease or stroke, such as high blood pressure or high cholesterol, diabetes also leads to kidney failures, affects the cornea of eyes. He gave a brief comparison between countries in health conditions, in which he compared India. India is an incredibly diverse and culturally rich country. Despite gigantic and beautiful monuments, delicious food, a booming business sector, and Bollywood, it still has some major health issues that many other countries have minimized far more successfully. These health issues affect absolutely everyone, from the poorest people to the richest ones. According to the World Bank, India ranks 146th position among the countries of

the world. Life expectancy at birth is also a yardstick of the overall quality of life in a country. According to World Health Organization, India ranks 126th position in life expectancy.

During the talk the he also informed us about the advancements of technology that can identify the symptoms of Parkinson's diseases using Signals and system processing. He also discussed the doctor patient ratio of Australia and India deficit of 600,000 doctors, and the nurse : patient ratio is 1 : 483, implying a shortage of two million nurses.

B.Tech and M.Tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members & Ph.D Research scholar and discussed about the latest research issues. The event was coordinated by Dr. Meenakshi Sood and Dr. Shruti Jain of ECE department.



Invited Talk on

TOOLS AND TECHNIQUES IN BIOMEDICAL SIGNAL PROCESSING

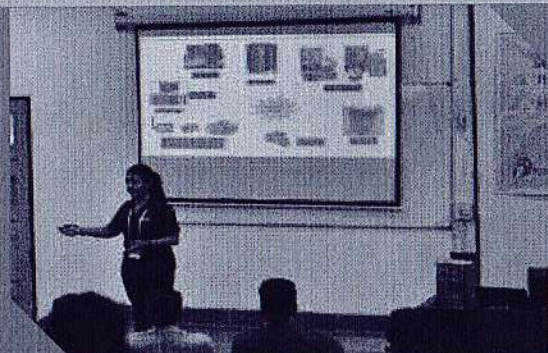
By Ms. Taranmeet, Gentech Marketing & Distribution Pvt Ltd

October 10, 2019

Miss Taranmeet from Gentech Marketing & Distribution Pvt. Ltd. gave a special talk on the topic "Tools and Techniques in Biomedical Signal Processing" on Oct 10, 2019. She acquainted the students with advancements of technology in medical domain. Gentech Marketing & Distribution is the sole distributor of BIOPAC systems U.S.A., which deals in human and animal research equipment; it is an old standard in the field of biomedical research, relentlessly assisting vision to support medical research by marketing, installation, technical and service support. It has touched more than 500+customer colleges, medical schools, R&D labs and research institutes all over India. During the talk, she also demonstrated live ECG (electrocardiogram) and PPG(pulse plethysmography) and extracted heart rate , RR interval , all this was done wirelessly on

live subjects. They have world-class hardware features, as they provide educators with the most sophisticated hardware in the industry, with a research-grade 2 or 4-channel data acquisition platforms with built-in universal amplifiers to record and condition electrical signals from the heart, muscle, nerve, brain, eye, respiratory system, and tissue preparations. The data acquisition system receives the signals from electrodes and transducers and connects to a PC running BSL software on Windows® or macOS® operating systems. BIOPAC student lab is the gold standard for life science instruction.

It was a great opportunity to know the milestones technology has achieved .Students walked out of the session enthralled after knowing the prominent role science plays in our lives.



Expert Lecture on

Security Threats to Ad-Hoc Computing: A Perspective on Sybil Attack

BY PROF. MANU SOOD, UIET, HIMACHAL PRADESH UNIVERSITY

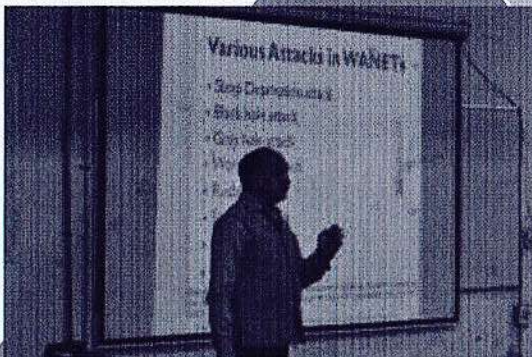
October 11, 2019

Professor Manu Sood gave a talk on 'Security threats in Ad-Hoc Computing-a perspective of Sybil Attack'. He made the students aware about WANET and its challenges. He presented some statistics about Google query, tweeted queries and YouTube usage. He also made students familiar with attacks in WANETS like Sleep deprivation attack and black hole, further challenges in ad hoc networks like limited wireless range, packet losses and route changes. Students were made acquainted with the term Sybil attack wherein a reputation



system is subverted by forging identities in peer to peer networks.

Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholar and discussed about the latest research issues. The event was coordinated by Dr. Meenakshi Sood and Dr. Shruti Jain of ECE department.



Invited Talk on

ADVANCEMENTS METHODS OF BIOMEDICAL SIGNAL PROCESSING

By Mr. Muktesh Sharma, ADInstruments

October 11, 2019

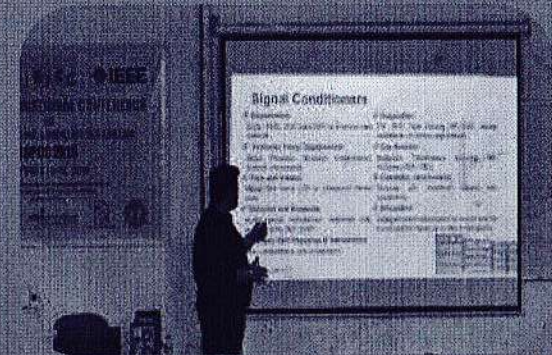
Mr. Muktesh Sharma delivered a special session on 'Advancements methods of Biomedical Signal Processing' on Oct 11, 2019. He introduced the students with ADInstruments which is a teaching module i.e. e-learning software that helps a person understand the basics of a topic be it a language like C or signals. Teachers can use this software to make lectures which can be later shared among the students. This software also gives the students ability to perform the practical on this software virtually. Students were made aware about DELSYS which is a patent device that records



applications of such signal processing software are Ergonomics (the application of psychological



the effect on muscles of a body during activities like walking and running. Exercise Physiology System is software used to monitor the level of oxygen consumed and carbon dioxide exhaled during extensive activities. One of the practical



and physiological principles to the design of products, processes and systems), Industrial design and Robotics. The session added to the students' knowledge and made them realise the importance of technology.



Expert Lecture on
A Novel Method for Control of Wind Energy Conversion System (WECS)
BY DR. FARHAD ILAHI BAKHSH, NIT SRINAGAR
October 11, 2019

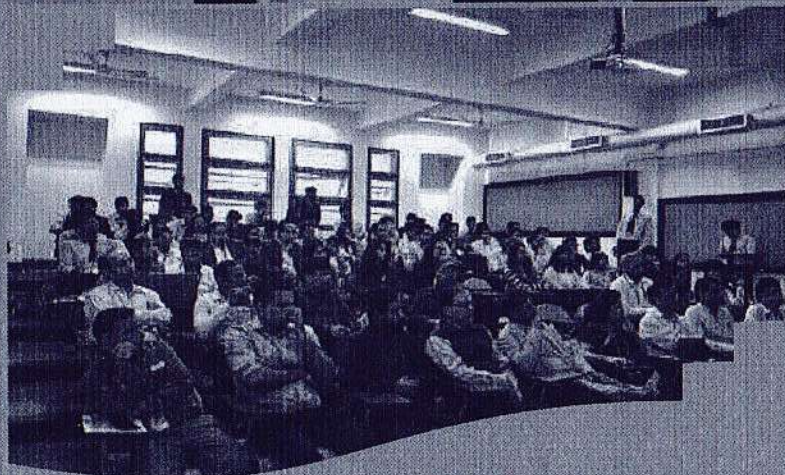
An expert lecture on 'A Novel Method for Control of Wind Energy Conversion system (WECS) was delivered by Dr. Farhad Ilahi Bakhsh of National Institute of Technology Srinagar on 11th October 2019 at JUIT campus.

He highlighted that the conventional grid connected synchronous generator (SG) based wind energy conversion system (WECS) incorporates sophisticated power electronic control system which produces harmonics and deteriorates the quality of the power supply. Recently, a new technology i.e. variable frequency transformer (VFT) has emerged as a flexible ac link to transfer power in-between asynchronous power grids. Hence, the presented system aims to use VFT for grid integration of SG based WECS. The proposed system does not employ any power electronic control system. For analysis, the simulation models of proposed configuration as well as conventional configuration have been



developed under MATLAB/Simulink environment. A series of studies on power fed from the SG to the grid at various SG input speeds has been carried out with the developed models. Further to analyze the effectiveness of the proposed method; the efficiency, total harmonic distortion (THD) of output voltage and THD of output current of the proposed method has been compared with those of the conventional system. From obtained results, it is observed that the proposed system is simple and does not produce harmonics. Moreover, to validate the proposed system, an experimental analysis has been carried out.

This expert lecture was coordinated by Dr. Meenakshi Sood, Dr. Shruti Jain of ECE department.



Entrepreneurship Webinar by JUIT Alumnus

MR. ASHISH AGGARWAL, HERBERT UNIVERSITY, USA

October 12, 2019

Entrepreneurship Webinar was a knowledgeable session organised by TIEDC cell. The event started at 7p.m with Mr. Ashish Aggarwal, who is JUIT alumnus and now working as Lecturer at Herbert University, USA. The topic of webinar was entrepreneurship and basics from Zero to One book. After a brief introduction, the session started with discussion on increasing general reasoning and other complex and abstract strategies. He emphasized that generating value from unconventional things, customer satisfaction and building a definite optimism. He explained competition as a destructive force and business to be taken as a qualitative measure. Students asked questions related to choosing teams for startup, the luck factor, job or start-up or higher studies

and importance of timing. The session ended with a light-hearted talk about college. The whole event was a great source of learning where students discovered new dimensions of entrepreneurship.



Orientation/Awareness Programme

USER AWARENESS ON ACM DIGITAL LIBRARY

September 26, 2019

On 26th September 2019 an expert presentation and training session on ACM Digital Library was organized by Dr. Pradeep Kumar Singh, Coordinator-JUIT, ACM Chapter HP/Computer Society of India (CSI) in collaboration with Learning Resource Center [LRC], Jaypee University of Information Technology, Wanknaghat, HP. The session was presided over by Mr. Chandrakant Tiwari (GIST Client Services) on behalf of Association of Computing Machinery (ACM).

The session was attended by B.Tech 3rd and 4th students, M.Tech students, PhD Research Scholars and

Faculty members of JUIT. Mr. Chandrakant Tiwari talked about how students/ scholars can save their time for research work using ACM Digital



Library and browse titles by subject areas, recent publications, Special Interest Groups (SIGs), literature by type, advanced search, matches fields etc., to find specific information across all ACM DL content, also talked about how to start new publications with ACM DL.

Through his talk, he informed everyone about knowledge sharing and collaboration with other team members and about building a library of articles for future references. He informed students ACM alerts on the new contents and journals of one's interest. After the session a feedback by asking

questions/doubts was taken from the attendees and everyone found the session informative and useful.



**One Week Online Workshop on
“Sustainable Construction Practices for Civil Engineers”
03rd-08th August 2020**

A one week online workshop on “Sustainable Construction Practices for Civil Engineers” was organized by the department of Civil Engineering of Jaypee University of Information Technology (JUIT), Wagnaghat from 03rd-08th August 2020.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Wagnaghat and Patron of the organized CEP by Civil Engineering Department.
- Prof. Samir Dev Gupta – Director and Dean of Academics of JUIT Wagnaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Wagnaghat
- Prof. Ashok Kumar Gupta – HOD of Civil Engineering Department of JUIT Wagnaghat and Program Chair of the organized CEP by Civil Engineering Department.
- Dr. Amardeep – Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener.
- Dr. Tanmay Gupta - Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener.
- Dr. Aakash Gupta – Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener.

One week online workshop on “Sustainable Construction Practices for Civil Engineers” was focused on the sustainable utilization of different waste materials for construction purposes. In order to discuss regarding the same, various faculty members (Expert in their field) from Department of Civil Engineering of Jaypee University of Information Technology Wagnaghat were invited. Table 1 highlights the program schedule of the conducted one week online workshop including the names along with the title of lectures (talks) delivered by them.

This one week online workshop was conducted mainly to generate awareness amongst the Field Engineers (i.e. Assistant and Junior Engineers), research scholars and academicians regarding the utilization of waste materials in construction purposes in order to create a sustainable environment i.e. buildings, highway construction etc. Beside this, this workshop also highlighted the different practices and the methodology used regarding the same across the world. The program started at 10 AM in the morning and continued till 2.00 PM in the afternoon with minimum of one lecture per day followed by live demonstration of several test in different labs. A detail summary of the topic discussed during the entire workshop is summarized in Table 1.

Table 1: Schedule and Details of Lectures presented by different speakers



03/08/20 First Day			
10:30-11:00AM	Inaugural Session		
11:00-12:00PM	Dr. Abhilash Shukla	Sustainable Construction Practices • Sustainable Concrete Construction	
12:00-02:00PM	Dr. Tanmay Gupta	Casting of Concrete Mix-Design Samples	Concrete Lab
04/08/20 Second Day			
10:00-11:00AM	Dr. Abhilash Shukla	Introduction to Sustainable Construction Materials	
11:00-12:00 PM	Dr. Abhilash Shukla	Ultra-High-Performance Concrete	
12:00-02:00PM	Dr. Tanmay Gupta	Lab testing upon Sustainable Construction Materials	Concrete Lab
05/08/20 Third Day			
10:00-11:00AM	Dr. Amardeep	Utilization of waste material in rigid pavements	
11:00-12:00 PM	Dr. Aakash Gupta	Use of RAP in construction of flexible pavement IRC 120:2015	
12:00-02:00PM	Dr. Aakash Gupta	Lab testing Reclaimed asphalt pavement	Transportation Lab
06/08/20 Fourth Day			
10:00-11:00AM	Dr. Saurabh Rawat	Reinforced Earth using Sustainable Construction Materials	
11:00-12:00 PM	Dr. Saurabh Rawat Mr. Pankaj	Pullout Testing for Reinforced earth	GeoTech Lab
12:00-02:00PM	Mr. Neeraj Singh Parihar	Soil Stabilization testing • Proctor Test • CBR Testing • Triaxial Test	GeoTech Lab
07/08/20 Fifth Day			
10:00-11:00AM	Mr. Neeraj Singh Parihar	Use of Industrial waste in Soil stabilization	
11:00-12:00PM	Mr. Neeraj Singh Parihar	Soil Stabilization testing continued	GeoTech Lab
12:00-02:00PM	Dr. Amardeep Dr. Aakash Gupta	Plastic Waste: Overview • Utilization of plastic in the field	
08/08/20 Sixth Day			
10:00-11:00AM	Dr. Tanmay Gupta	Concrete Sample Testing (Strength Assessment)	Concrete Lab
11:00-12:00 PM	Dr. Tanmay Gupta Dr. Amardeep Dr. Aakash Gupta	Feedback Session	
12:00-12:30PM	Prof. (Dr.) A. K. Gupta	Closing Ceremony	



The participation in the workshop was overwhelming with a large number of participants from outstation locations with some participants even joining from Jammu & Kashmir, Tamilnadu, Gujarat, Haryana and other such states. For this workshop, average ratings given by the participants were around 4.5 out of 5 and all the participants were happy with the content of the workshop as this was first of its kind workshop in which live demonstrations were there which helped them a lot to understand how things works. At last, we would like to thank the whole organizing team and the resource persons to make this workshop a big success for Department of Civil Engineering. We likewise need to express my gratitude toward Mr. Jaswinder, Mr. Amar Kumar and Mr. Rajesh Sahu for their consistent hard work during the entire workshop as it would not be conceivable to make it a major accomplishment without their magnanimous exertion. The overall summary of the participants and their feedback are as follows for your kind reference.

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Video Recording of live demonstration of various tests is available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers.
- Feedback collected from participants for further improvement in conducting such future online Workshops

Summary of the Participants

Types of Participants	Total No. of Registered Participants
HPPWD Assistant and Junior Engineers	50
Other Participants	100

Feedback of the Participants

Types of Participants	Feedback Score (on the scale of 1-5 i.e. poor to excellent)
HPPWD Assistant and Junior Engineers (50)	Excellent (85%) Very Good (10%) Good (5%)
Other Participants (30)	Excellent (75%) Very Good (10%) Good (10%) Average (5%)

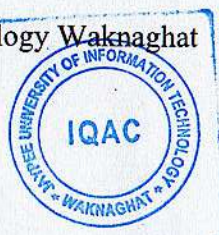
With Regards

Dr. Amardeep, Dr. Tanmay Gupta, Dr. Aakash Gupta

Program Coordinator

Department of Civil Engineering

Jaypee University of Information Technology, Waiknaghat



Few Published News Clippings

Divya Himachal

जेपी यूनिवर्सिटी में भू-तकनीक पर चर्चा

वाकनाघाट में ऑनलाइन मोड में सिविल इंजीनियरों के लिए कार्यशाला का आयोजन

दिव्य हिमाचल ब्यूरो-सोलन

सिविल इंजीनियरिंग विभाग जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनाघाट (एचपी) द्वारा ऑनलाइन मोड में सिविल इंजीनियरों के लिए सतत निर्माण प्रथाओं पर कार्यशाला आयोजित की गई थी। यह कार्यशाला एक सप्ताह तक चली। कार्यशाला का उद्घाटन जेयूआईटी के कुलपति प्रो. विनोद कुमार द्वारा किया गया और शनिवार को समापन समारोह आयोजित किया गया। कार्यक्रम के संयोजक डा. तन्मय गुप्ता, डा. अमरदीप और डा. आकाश गुप्ता ने उल्लेख किया कि कार्यशाला का आयोजन

ऑनलाइन मोड में हिमाचल प्रदेश लोक निर्माण विभाग के सरकारी अधिकारियों और जेपी सूचना प्रौद्योगिकी विश्वविद्यालय के बीच मजबूत संबंध स्थापित करने के उद्देश्य से किया गया। इस कार्यशाला में विदुषेन, भू-तकनीकी और कंक्रीट से जुड़े अवयवों की भौतिक, रासायनिक और माइक्रोस्ट्रक्चर विशेषताओं पर चर्चा की गई, ताकि कंक्रीट और कोलतार मिश्रण डिजाइन का सुरक्षित उपयोग किया जा सके। कार्यशाला में औद्योगिक कचरे से प्राप्त होने वाली निर्माण सामग्री के उपयोग पर विशेष जोर दिया गया था। प्रतिभागियों को परीक्षण और कोडल प्रावधानों का एक्सपोजर



देने के लिए लाइव लैबोरेटरी सेशन आयोजित किए गए थे। प्रतिभागियों को पंजीकृत किया गया है। सिविल इंजीनियरिंग एचपीपीडब्ल्यूडी से सहायक प्रमुख प्रो. अशोक कुमार ने कार्यशाला का समापन शनिवार को किया।

दिव्य हिमाचल

Sun, 09 August 2020

<https://epaper.divyahimachal.com/c/54093520>



Dainik Savera

JP विश्वविद्यालय ने PWD अधिकारियों के लिए करवाई ऑनलाइन कार्यशाला

नई दिल्ली, 11 अगस्त (सवेरा) : सिविल इंजीनियरिंग विभाग, जे.पी. यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनाघाट (एच.पी.) द्वारा ऑनलाइन 'सिविल इंजीनियरों के लिए सतत निर्माण प्रथाओं' पर एक सप्ताह की कार्यशाला आयोजित की गई थी। कार्यशाला का उद्घाटन, जे.यू.आई.टी. के कुलपति प्रो. विनोद कुमार, द्वारा किया गया और शनिवार को समापन समारोह आयोजित किया गया। कार्यक्रम के संयोजक डा. तन्मय गुप्ता, डा. अमरदीप और डा. आकाश गुप्ता ने उल्लेख किया कि कार्यशाला

● कंक्रीट से जुड़े अवयवों की विशेषताओं पर की गई चर्चा

का आयोजन ऑनलाइन मोड में हिमाचल प्रदेश लोक निर्माण विभाग के सरकारी अधिकारियों और जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय के बीच मजबूत संबंध स्थापित करने के उद्देश्य से किया गया। कार्यशाला में भू-तकनीकी और कंक्रीट से जुड़े अवयवों की भौतिक, रासायनिक और माइक्रोस्ट्रक्चर विशेषताओं पर चर्चा की गई। कार्यशाला में औद्योगिक कचरे से प्राप्त होने वाली निर्माण

सामग्री के उपयोग पर विशेष जोर दिया गया। प्रतिभागियों को परीक्षण और कोडल प्रावधानों का एक्सपोजर देने के लिए लाइव लैबोरेटरी सेशन आयोजित किए गए। उपरोक्त कार्यशाला के लिए एच.पी. पी.डब्ल्यू.डी. से सहायक अभियंता और कनिष्ठ अभियंताओं और विभिन्न शैक्षणिक व्यक्तित्वों सहित 100 से अधिक प्रतिभागियों को पंजीकृत किया गया है। सिविल इंजीनियरिंग प्रमुख प्रो. अशोक कुमार गुप्ता ने कार्यशाला का समापन 8 अगस्त को किया।



One-week online workshop for PWD officers concludes

Excelsiur Correspondent

NEW DELHI, Aug 10: One-week workshop conducted by the Department of Civil Engineering, Jaypee University of Information

of Himachal Pradesh Public Works Department (HPPWD) and Jaypee University of Information Technology.

In this workshop, the physical, chemical, and microstructure char-



Participants of workshop posing for group photograph.

acteristics of bitumen, soil and concrete-linked ingredients were discussed, to make safe use of concrete and bitumen mixture design. Special emphasis was given on use of sustainable construction materials which are obtained from industrial waste.

Live laboratory sessions were held for the participants in order to give them exposure to testing and codal provisions.

More than 100 participants including Assistant Engineers and Junior Engineers from HPPWD and various academic personalities have been registered for the above workshop.

Technology, Wahnaghat (HP) in online mode on "Sustainable construction practices for Civil Engineers" concluded.

The inauguration of the workshop was done by JUIT Vice Chancellor Prof Vinod Kumar.

The Convener of the program, Dr. Tanmay Gupta, Dr. Amardeep and Dr. Aakash Gupta mentioned that the workshop was organized in online mode for the purpose of establishing a strong relationship between the Government officials

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जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआइटी), वाकनाघाट (हिमाचल) की ओर से आयोजित कार्यशाला में उपस्थित अधिकारी व अन्य।

जेपी विश्वविद्यालय ने पीडब्ल्यूडी अधिकारियों के लिए आयोजित की कार्यशाला

नई दिल्ली, (दि.) : जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआइटी), वाकनाघाट (हिमाचल) के सिविल इंजीनियरिंग विभाग ने हाल ही में पीडब्ल्यूडी अधिकारियों के लिए एक सप्ताह की कार्यशाला का आयोजन किया। कार्यशाला का उद्घाटन तीन अगस्त को जेयूआइटी के कुलपति प्रो. विनोद कुमार ने किया था।

कार्यक्रम के संयोजक डॉ. तन्मय गुप्ता, डॉ. अमरदीप और डॉ. आकाश गुप्ता ने बताया कि वर्चुअल प्लेटफॉर्म पर इस कार्यशाला का

आयोजन हिमाचल प्रदेश लोक निर्माण विभाग (एचपीपीडब्ल्यूडी) के अधिकारियों और जेयूआइटी के बीच मजबूत संबंध स्थापित करने के उद्देश्य से किया गया। इस कार्यशाला में विटुमेन, भू-तकनीकी और कंक्रीट से जुड़े अवयवों की भौतिक, रासायनिक और व अन्य विशेषताओं पर चर्चा की गई, ताकि कंक्रीट और कोलतार मिश्रण का सुरक्षित उपयोग किया जा सके। कार्यशाला में औद्योगिक कचरे से प्राप्त होने वाली निर्माण सामग्री के उपयोग पर विशेष जोर दिया गया था।

Continuous Education Program 2020

An online five day Continuous Education Program on '*Current Aspects and Research Opportunities in Civil Engineering*' was organized by the department of Civil Engineering Jaypee University of Information Technology (JUIT), Wagnaghat from 20th to 24th July 2020.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Wagnaghat and Patron of the organized CEP by Civil Engineering Department.
- Prof. SamirDev Gupta – Director and Dean of Academics of JUIT Wagnaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Wagnaghat
- Prof. Ashok Kumar Gupta – HOD of Civil Engineering Department of JUIT Wagnaghat and Program Chair of the organized CEP by Civil Engineering Department.
- Dr. Rajiv Ganguly – Associate Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener of organized CEP by Civil Engineering Department.
- Dr. Aakash Gupta – Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener of organized CEP by Civil Engineering Department
- Mr. Anirban Dhulia - Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener of organized CEP by Civil Engineering Department

The Continuous Education Program on '*Current Aspects and Research Opportunities in Civil Engineering*' comprised mainly of invited and guest lecturers from eminent speakers of renowned institutes covering multifaceted aspects on progress, developments and forthcoming research opportunities in Civil Engineering. Table 1 highlights the program schedule of the conducted CEP program including the names and organizations of the speakers along with the title of lectures (talks) delivered by them.



Table 1: Schedule and Details of Lecture presented by different speakers in the CEP program 2020

Date	Time	Name of Resource Person	Title of Presentation
20/07/2020	10.00 -11.30 AM	Prof. Praveen Agarwal (NIT Kurukshetra)	Updated Flexible Pavement Design as per IRC.
	11.30 AM – 01:00 PM	Dr. Surender Singh (IIT Madras)	Assessment of the Recycled Aggregates for Concrete Pavements.
21/07/2020	10.00 -11.30 AM	Dr. K. Sitaramanjeyulu (CSIR-CRRI)	Construction and Quality Control of Flexible Pavements.
	11.30 AM – 01:00 PM	Dr. Pradeep Kumar (CSIR-CRRI)	Modern Pavement Evaluation Techniques.
	01.00 PM - 02.00 PM	Dr. Pankaj Munjal (National University of Singapore)	Engineered Cementitious Composites (ECC) and its applications for strengthening of Masonry Structures.
22/07/2020	10.00 AM- 11.30 AM	Prof. M. Chandrasekhar (NIT Warangal)	Research in Environmental Engineering and Recent Trends.
	11.30 AM - 01.00 PM	Mr. Krishanu Saha (Boston Consulting Group, USA)	Application of Data Analytics in Civil Engineering.
23/07/2020	10.00 AM- 11.30 AM	Mr. Anil Kumar (CCET, Chandigarh)	Blast Loading on Structures: Fragility Analysis and their Mitigation.
	11.30 AM - 01.00 PM	Dr. Rajesh Kumar (CCET, Chandigarh)	Self Compacting Concrete and Factors Affecting its Behaviour.
24/07/2020	10.00 AM- 11.30 AM	Dr. Indrajit Ghosh (IIT Roorkee)	Surrogate safety measures for traffic safety assessment under heterogeneous traffic conditions
	11.30 AM - 01.00 PM	Dr. Arpit Goyal (Coventry University, UK)	Corrosion of Steel in Reinforced Concrete Structures



The CEP was conducted mainly to gain knowledge on the current opportunities in civil engineering and to know about the developing research areas so as to improve the performance of the Civil Engineering faculty members and the participants in different specializations. It was conducted so that the faculty members and the different participants could get more acquainted with recent developments and prevailing opportunities for research in Civil Engineering which if required could be incorporated in up gradation of existing courses or development of new courses to make the students more aware. The program started at 10 AM in the morning and continued till 2.00 PM in the afternoon with minimum of two lectures per day followed by question-answer sessions presented by different eminent speakers of reputed institutes covering a variety of subjects. A detail summary of the topic discussed during the entire CEP program is summarized in Table 1.

The participation in the CEP was overwhelming with a large number of participants from outstation locations with some participants joining from Karnataka, Gujarat, Chhattisgarh and other such states. The overall summary of the participants present in the CEP program is summarized in Table 2.

Table 2: Summary of participation Details in the CEP program 2020

Total Number of Registered participants	108
Total Number of external participants	65

Session wise summary of participants is presented in Table 3 below

Table 3: Session wise summary of participation Details in the CEP program 2020

Date	Time	Name of Resource Person	Title of Presentation	Maximum number of participants	Minimum number of participants	Percentage of external participants	Percentage of internal participants
20/07/2020	10.00 - 11.30 AM	Prof. Praveen Agarwal (NIT Kurukshetra)	Updated Flexible Pavement Design as per IRC.	80+	50+	50%	50%



	11.30 AM – 01:00 PM	Dr. Surender Singh (IIT Madras)	Assessment of the Recycled Aggregates for Concrete Pavements.	80+	50+	50%	50%
21/07/2020	10.00 - 11.30 AM	Dr. K. Sitaramanjan eyulu (CSIR-CRRI)	Construction and Quality Control of Flexible Pavements.	75+	50+	50%	50%
	11.30 AM – 01:00 PM	Dr. Pradeep Kumar (CSIR-CRRI)	Modern Pavement Evaluation Techniques.	75+	50+	50%	50%
	01.00 PM - 02.00 PM	Dr. Pankaj Munjaj (National University of Singapore)	Engineered Cementitious Composites (ECC) and its applications for strengthening of Masonry Structures.	75+	50+	50%	50%
22/07/2020	10.00 AM- 11.30 AM	Prof. M. Chandrasekh ar (NIT Warangal)	Research in Environmental Engineering and Recent Trends.	75+	50+	50%	50%
	11.30 AM -01.00 PM	Mr. Krishanu Saha (Boston Consulting	Application of Data Analytics in Civil Engineering.	75+	50+	50%	50%



		Group)					
23/07/2020	10.00 AM-11.30 AM	Mr. Anil Kumar (CCET, Chandigarh)	Blast Loading on Structures: Fragility Analysis and their Mitigation.	75+	50+	50%	50%
	11.30 AM -01.00 PM	Dr. Rajesh Kumar (CCET, Chandigarh)	Self Compacting Concrete and Factors Affecting its Behaviour.	75+	50+	50%	50%
24/07/2020	10.00 AM-11.30 AM	Dr. Indrajit Ghosh (IIT Roorkee)	Surrogate safety measures for traffic safety assessment under heterogeneous traffic conditions	70+	50+	50%	50%
	11.30 AM -01.00 PM	Dr. Arpit Goyal (Coventry University)	Corrosion of Steel in Reinforced Concrete Structures	70+	50+	50%	50%



Other Salient Features

- Video Recording of all lectures by the speakers for the CEP available with the organizing committee.
- Presentation slides of all lectures by the speakers for the CEP available with the organizing committee and has been distributed to participants
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers
- Feedback collected from participants for further improvement in conducting such future online CEP programs
- Feedback collected from speakers for their inputs in conducting such future online CEP programs

Summary Statistics of Feedback received from Participants and Speakers are summarized below in Tables 4 and 5 respectively.

Table 4: Participant feedback details of the CEP program 2020

Total number of participants feedback	86
Overall average feedback score	Excellent (70%); Very Good (27%); Good (3%) Based on a 5 point scale rating system (1- 5; [poor to excellent])

Table 5: Speaker feedback details of the CEP program 2020

Total number of Speaker feedback	9
Overall average feedback score	Excellent (67%); Very Good (33%); Based on a 5 point scale rating system (1- 5; [poor to excellent])



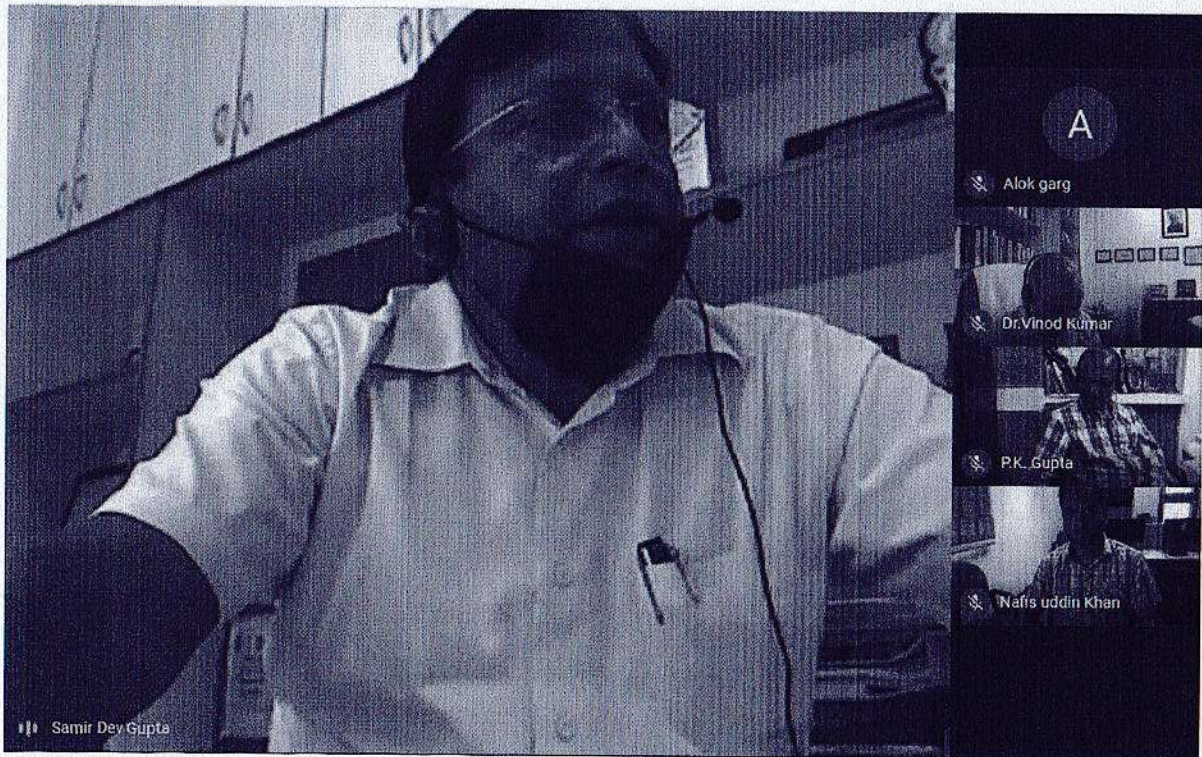
Recent Advances in Computational Intelligence for Signal Processing (RACISP-2020)

REPORT

Department of Electronics and Communication Engineering organized one week online short term course on “**Recent Advances in Computational Intelligence for Signal Processing (RACISP-2020)**”. The program was scheduled from 10th -15th August, 2020. This short term course was coordinated by **Dr. Sunil Datt Sharma** and **Dr. Vikas Baghel**. **Dr. Nafis Uddin Khan** was the convener of the course.

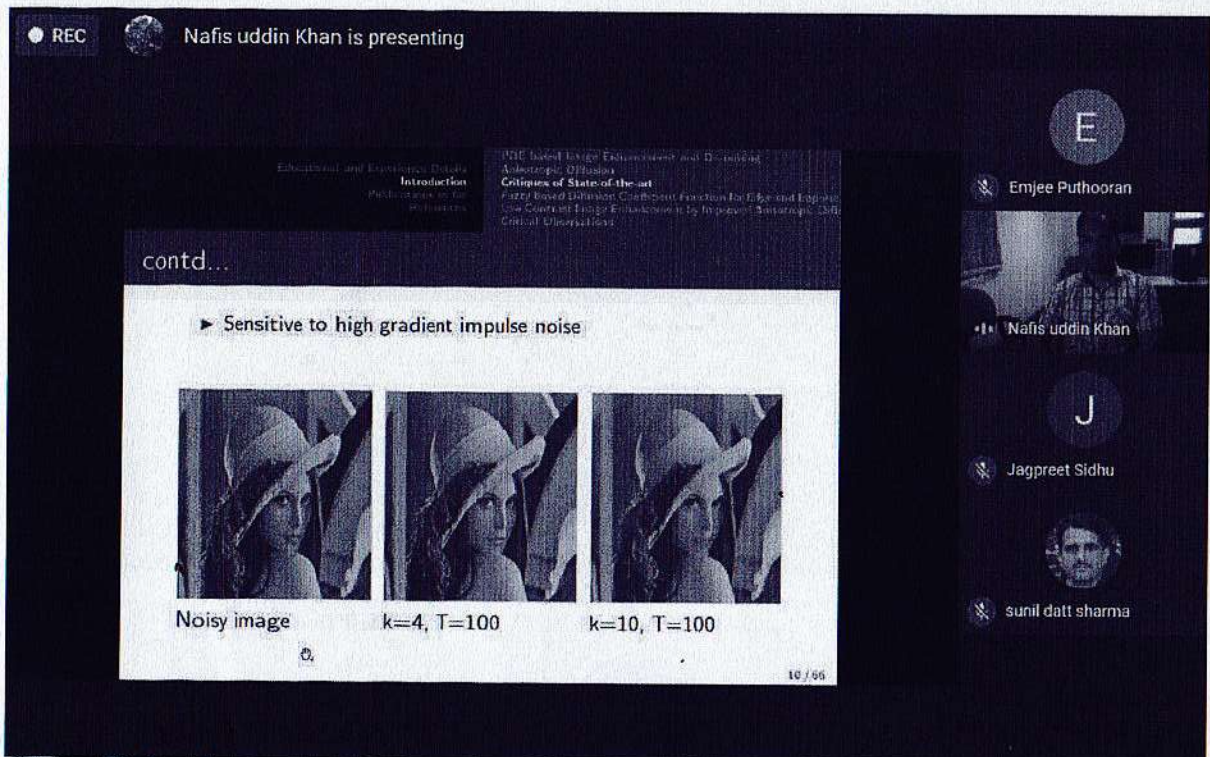
The program was inaugurated by honourable Vice –chancellor (**Prof. Vinod Kumar**) and Dean Research (**Prof. Samir Dev Gupta**). They highlighted the importance of computational techniques in signal processing and motivated the participants. More than 110 faculty members, research scholars from various universities/institutes and industry professionals from different organizations participated in this course.



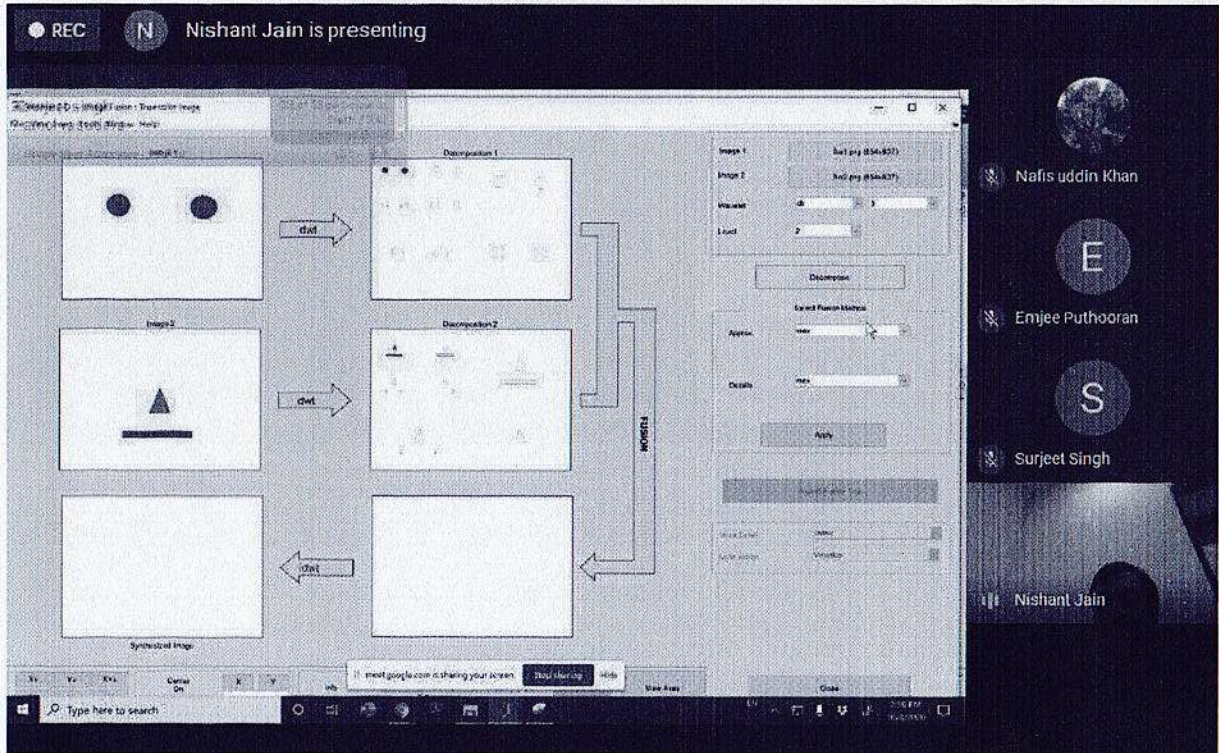


Expert Sessions:

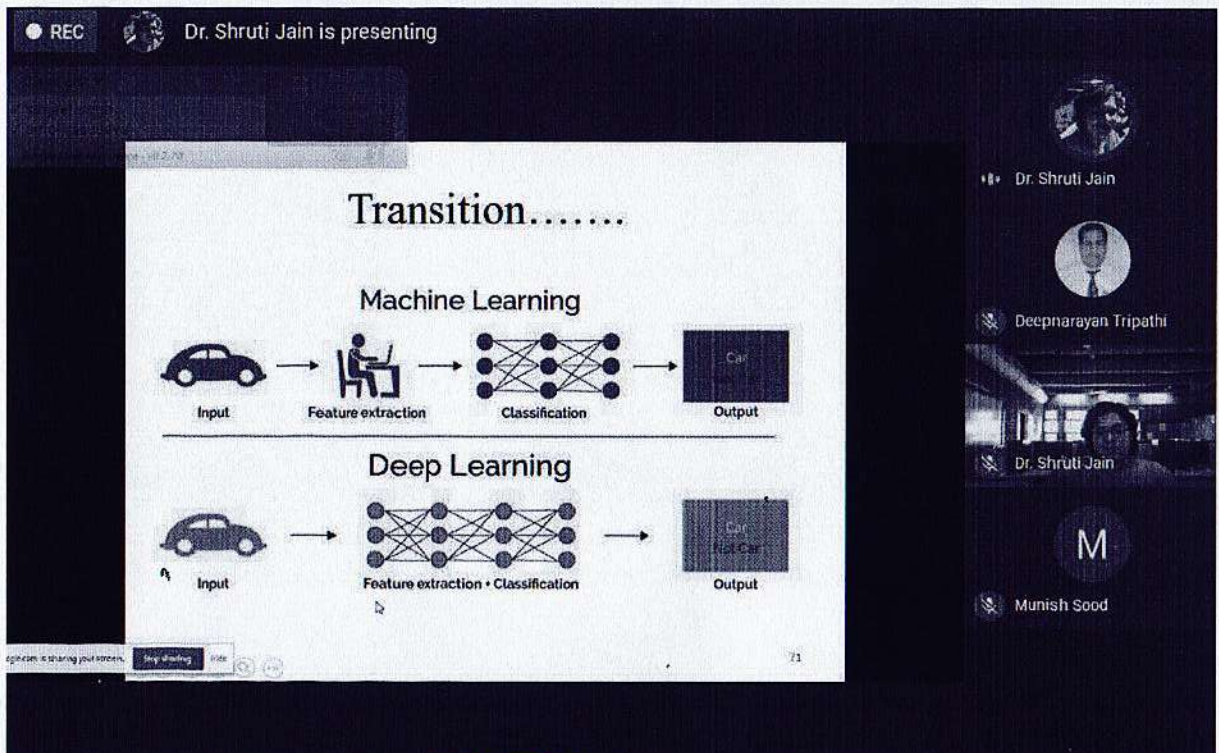
First session was taken by **Dr. Nafis Uddin Khan** and he focussed on Fuzzy inference based edge detection in digital image processing and also highlighted on the open research problems in this area.



Dr. Nishant Jain discussed about the fusion of biomedical imaging modalities in the second session.



Third Session was conducted by Dr. Shruti Jain, Associate Professor, and she highlighted the area of biomedical engineering, time and frequency characterisation of bio signals and bio signal processing. She also motivated the participants to do the research in this area.



Dr. Harsh Sohal discussed the FPGA based digital signal processing and their implementation in fourth session.

How Fast is Enough for DSP?

- It depends!
- Real time requirements:
 - Example: data capture speed must match sampling rate. Otherwise, data will be lost.
 - Example: in verbal conversation, delay of response can not exceed 50ms end-to-end.
 - Processing must be done by a specific deadline.
 - A constraint on throughput.
- Different throughput rates for processing different signals
 - Throughput \propto sampling rate:
 - CD music: 44.1 kHz
 - Speech: 8-22 kHz
 - Video (depends on frame rate, frame size, etc.) range from 100s kHz to MHz.

The screenshot also shows a Zoom interface with a 'REC' indicator, a list of participants including Harsh Sohal, and a grid of avatars.

Fifth session & Sixth session were taken by Dr. Sunil Datt Sharma with Mr. Pardeep Garg and they discussed about the importance genomics signal processing in coming era and also discussed the open research research directions in this area.

Alternative Splicing

The slide illustrates the process of alternative splicing. It shows a gene with five exons (1-5) and four introns. The RNA is transcribed from the gene, and through alternative splicing, three different RNA molecules are produced. Each RNA is then translated into a protein (Protein A, Protein B, and Protein C). Protein A is formed by exons 1, 2, 3, and 4. Protein B is formed by exons 1, 2, 4, and 5. Protein C is formed by exons 1, 2, 3, and 5.

The screenshot also shows a Zoom interface with a 'REC' indicator, a list of participants including sunil datt sharma, and a grid of avatars.



Session seven was taken by **Dr. Vikas Baghel** and he discussed the fundamentals and evolutionary methods for multi-objective optimization. He also conducted hand-on-session on the same topic in eighth session.

Definitions

Domination :
One solution is said to dominate another if it is better in all objectives.

Non-Domination [Pareto points] :
A solution is said to be non-dominated if it is better than other solutions in at least one objective.

- ✓ A dominates B (better in both f_1 and f_2)
- ✓ A dominates C (same in f_2 but better in f_1)
- ✓ A does not dominate D (non-dominated points)
- ✓ A and D are in the "Pareto optimal front"
- ✓ These non-dominated solutions are called Pareto optimal solutions.
- ✓ This non-dominated (trade-off) curve is said to be Pareto front.
- ✓ The concept of optimizing one performance on the cost of other is termed as Pareto Optimality.

Dr. Emjee Puthooran conducted talk and hands on session machine learning using python in ninth and tenth session respectively.

REC E Emjee Puthooran is presenting

```

In [10]: single_label = np.random.randint(0, 2)
         single_label
Out[10]: 1

Tips out that this data point would have class 0.
Let's wrap this process in a function that takes as input the number of data points to generate (that is, num_samples) and the number of features every data point has (that is, num_features).

In [1]: def generate_data(num_samples, num_features=2):
         """randomly generates a number of data points"""
         data_size = (num_samples, num_features)
         train_data = np.random.randint(0, 100, size=data_size)
         labels_size = (num_samples, 1)
         labels = np.random.randint(0, 2, size=labels_size)
         return train_data.astype(np.float32), labels

Let's put the function to test and generate an arbitrary number of data points, let's say eleven, whose coordinates are chosen randomly.

In [1]: train_data, labels = generate_data(11)
         train_data

```

Emjee Puthooran

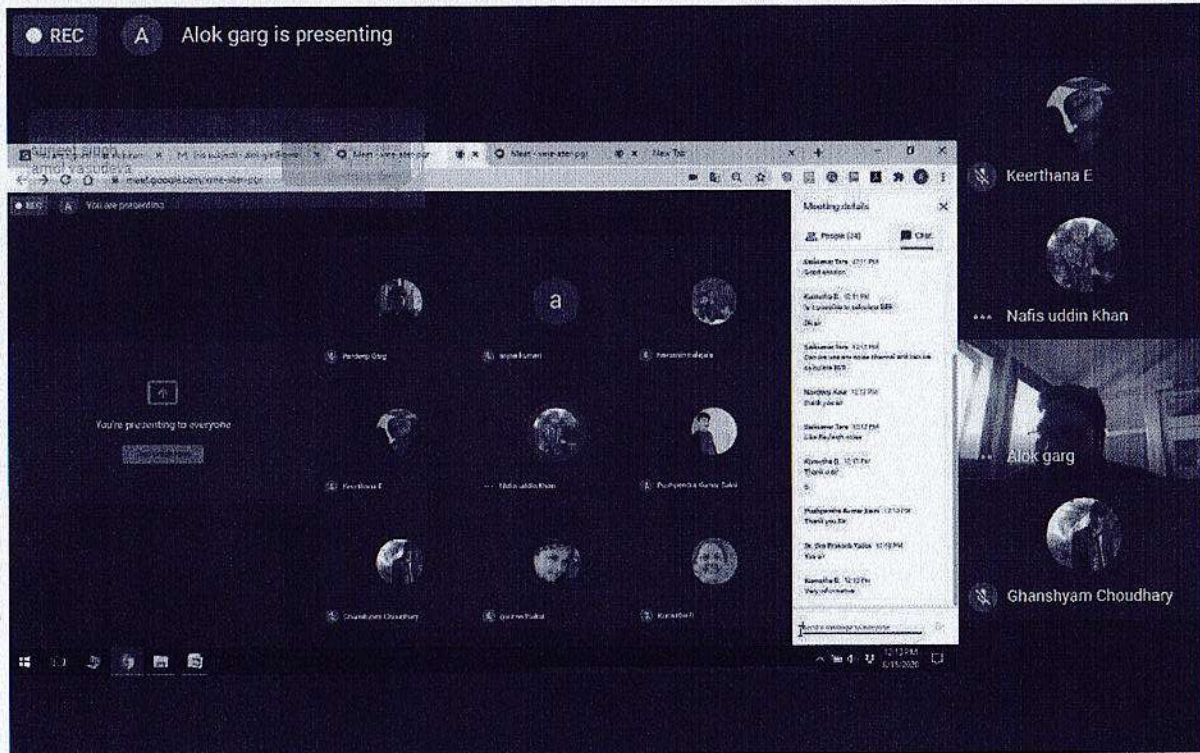
Yugal Kumar

Jagpreet Sidhu

Deepnarayan Tripathi



Eleventh session was taken by **Dr. Alok Kumar** on role of threshold in spectrum sensing and he also highlighted on open research directions in this area.



In the last session of the course, queries of the participants were answered by all speakers and suggestions from the participants were taken.

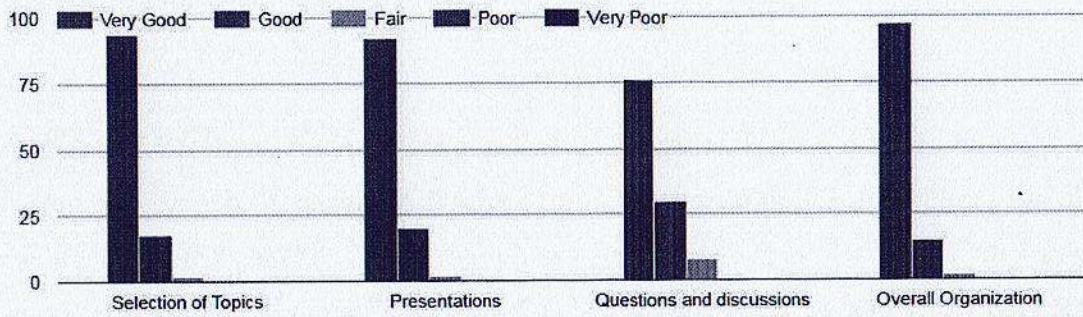
The short term course was concluded with valedictory function. The highlights of the course were given by **Dr. Vikas Baghel**. The valedictory speech was given by **Dr. Nafis U. Khan**. The vote of thanks was given by **Dr. Sunil Datt Sharma**. He highlighted the immense contribution of the Organizing Committee members and experts. He presented a special thanks to **Prof. Vinod Kumar**, Vice-chancellor, **Prof. Samir Dev Gupta**, Dean Research and **Dr. Rajiv Kumar**, Program chair & HoD ECE. He also showed his gratitude towards all speakers for their wonderful talks. He also thanked all the participants who made this event a grand success by participating wholeheartedly.

Feedback by Participants:

Most participants felt that the correct direction and knowledge for conducting scientific research was obtained in the short term course.

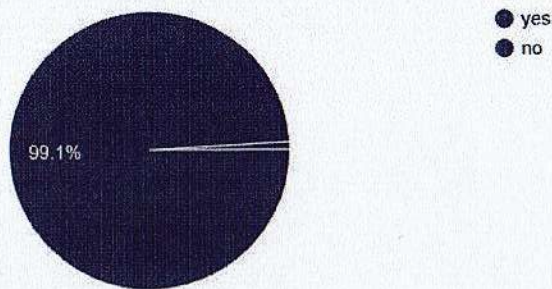


What is your rating of the following aspects of STC?



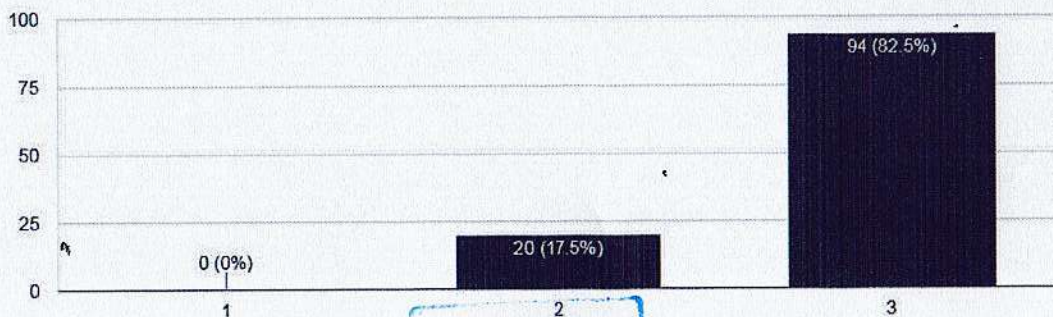
Did the STC meet your learning and research objectives?

114 responses



What is your overall evaluation of the short term course?

114 responses



Workshop on Waste Management – Issues and Concerns 2020

An online two day Workshop on '*Waste Management – Issues and Concerns*' was organized by the department of Civil Engineering Jaypee University of Information Technology (JUIT), Wagnaghat from 20th to 21st August 2020.

The program was successfully completed under the auspices of

- Prof. Vinod Kumar – Vice Chancellor of JUIT Wagnaghat and Patron of the organized Workshop by Civil Engineering Department.
- Prof. SamirDev Gupta – Director and Dean of Academics of JUIT Wagnaghat
- Major General Rakesh Bassi (Retd.) - Registrar and Dean of Students of JUIT Wagnaghat
- Prof. Ashok Kumar Gupta – HOD of Civil Engineering Department of JUIT Wagnaghat and Program Chair of the organized Workshop by Civil Engineering Department.
- Dr. Rajiv Ganguly – Associate Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener of organized Workshop by Civil Engineering Department.
- Dr. Rishi Rana – Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Convener of organized Workshop by Civil Engineering Department
- Mr. Kaushal Kumar - Assistant Professor of Civil Engineering Department of JUIT Wagnaghat and Program Coordinator of organized Workshop by Civil Engineering Department

The Workshop on '*Waste Management – Issues and Concerns*' comprised mainly of invited and guest lecturers from eminent speakers of renowned institutes covering multifaceted aspects on progress, developments, legislations and existing drawbacks in Waste Management. Table 1 highlights the program schedule of the conducted Workshop including the names and organizations of the speakers along with the title of lectures (talks) delivered by them.



Table 1: Schedule and Details of Lecture presented by different speakers in the Workshop 2020

Date	Time	Name of Resource Person	Title of Presentation
21/08/2020	10.30 -11.00 AM	Inaugural Session	Inaugural Lecture
	11.00 AM – 12:00 AM	Prof. Babu Alappat (IIT Delhi)	Rapid Characterization Of MSW For Integrated Waste Processing Systems.
	12.30 -01.30 PM	Dr. Anoop Verma (Thapar University)	Application of waste material towards environmental remediation; Value addition to the waste.
	01.30 -02.30 PM	Prof. M. Chandrasekhar (NIT Warangal)	Estimation of Indices for Assessment of Quality of Compost Derived from Municipal Solid Waste.
	02.30 -03.30 PM	Ms. Nidhi Sharma/Etosha Chatterjee (Waste Warriors, Dharamshala)	Waste management in Sensitive Ecosystems – Success and Challenges.
22/08/2020	10.00 -11.00 AM	Sh. S.K Shandil (Environmental Engineer, Himachal Pradesh Pollution Control Board, Shimla)	Waste Management: Rules and regulations
		Dr. Shakti Arora (PEC Chandigarh)	Solid Waste Management
	12.00 - 01.00 PM	Sh. Pradeep Sangwan (National University of Singapore)	Waste Management Issues in Himachal Pradesh
	01:00 – 01:30 PM	Prof. Ashok Kumar Gupta (HOD CE – JUIT)	Valedictory Session and Closure

The workshop was conducted mainly to gain knowledge on the current practices of waste management and to provide a platform for interaction between academicians, senior scientists, research scholars, NGO's and all other personals involved in MSW management at different levels. Further, the workshop was conducted so that the faculty members and the different participants could get more acquainted with recent developments and prevailing opportunities for research in waste management with additional and pertinent information which if required could



be incorporated in up gradation of existing courses or development of new courses to make the students more aware. The program started at 10.30 AM in the morning and continued till 3.30 PM in the afternoon on the first day with minimum of three lectures per day followed by question-answer sessions on the topics presented by different eminent speakers. A detail summary of the topic discussed during the entire Workshop program is summarized in Table 1.

The participation in the Workshop was overwhelming with a large number of participants from outstation locations with some participants joining from Karnataka, Gujarat, Chhattisgarh and other such states. Further, there were more than 15 foreign participants who had joined to attend the program. The overall summary of the participants present in the Workshop program is summarized in Table 2.

Table 2: Summary of participation Details in the Workshop 2020

Total Number of Registered participants	246
Total Number of external participants	200

Session wise summary of participants is presented in Table 3 below.

Table 3: Session wise summary of participation Details in the Workshop program 2020

Date	Time	Name of Resource Person	Title of Presentation	Maximum number of participants	Minimum number of participants	Percentage of external participants	Percentage of internal participants
20/08/2020	10.30 - 11.00 AM	Inaugural Session	Inaugural Lecture	100+	65+	75%	25%
	11.00 AM - 12:00 AM	Prof. Babu Alappat (IIT Delhi)	Rapid Characterization Of MSW For Integrated Waste Processing Systems.	100+	65+	75%	25%
	12.30 - 01.30 PM	Dr. Anoop Verma	Application of waste material	90+	55+	75%	25%



		(Thapar University)	towards environmental remediation; Value addition to the waste.				
	01.30 - 02.30 PM	Prof. M. Chandrasekhar (NIT Warangal)	Estimation of Indices for Assessment of Quality of Compost Derived from Municipal Solid Waste.	90+	55+	75%	25%
	02.30 - 03.30 PM	Ms. Nidhi Sharma/Etosh Chatterjee (Waste Warriors, Dharamshala)	Waste management in Sensitive Ecosystems – Success and Challenges.	90+	55+	75%	25%
21/08/2020	10.00 - 11.00 AM	Sh. S.K. Shandil (Environmental Engineer, Himachal Pradesh Pollution Control Board, Shimla)	Waste Management: Rules and regulations	80+	50+	75%	25%
	11.00 AM - 12:00 PM	Dr. Shakti Arora (PEC Chandigarh)	Solid Waste Management	80+	50+	75%	25%



12.00 - 01.00 PM	Sh. Pradeep Sangwan (National University of Singapore)	Waste Management Issues in Himachal Pradesh	80+	50+	75%	25%
01:00 – 01:30 PM	Prof. Ashok Kumar Gupta (HOD CE – JUIT)	Valedictory Session and Closure	80+	50+	75%	25%

Other Salient Features

- Video Recording of all lectures by the speakers for the Workshop available with the organizing committee.
- Presentation slides of all lectures by the speakers for the Workshop available with the organizing committee and has been distributed to participants
- Certificates of participation issued to all registered participants.
- Certificates of resource persons issued to all the listed speakers
- Feedback collected from participants for further improvement in conducting such future online Workshops
- Feedback collected from speakers for their inputs in conducting such future online Workshops

Summary Statistics of Feedback received from Participants and Speakers are summarized below in Tables 4 and 5 respectively.

Table 4: Participant feedback details of the Workshop 2020

Total number of participants feedback	153
Overall average feedback score	<p>Excellent (71%); Very Good (26%); Good (3%)</p> <p>Based on a 5 point scale rating system (1- 5; [poor to excellent])</p>



Table 5: Speaker feedback details of the Workshop 2020

Total number of Speaker feedback	7
Overall average feedback score	Excellent (71%); Very Good (29%); Based on a 5 point scale rating system (1- 5; [poor to excellent])

Rajiv Ganguly
Associate Professor
Department of Civil Engineering
JUIT Waknaghat



Activities under Fit India Movement

THE PERILS OF SMOKING, DRUGS AND ALCOHOL


24 August 2020

A webinar on “The Perils of Smoking, Drugs and Alcohol” was conducted on 26th September 2020 w.e.f. 11:30AM to 01:00PM to educate all, regarding ill effects of smoking, drugs and alcohol. Dr. Bharti Jaswal (Chief Medical Officer), Medical Center, JUIT, Wagnaghat, Solan spoke on the topic. There were a lot of


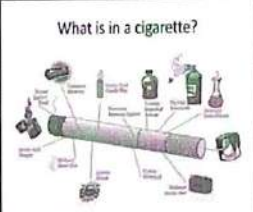
queries by the attendees which were nicely clarified by Dr Bharti Jaswal at the end of the session. The whole session was very interesting as could be inferred from duration of the session which lasted for more than one and half hours and from the number of queries at the end of the session.

SMOKING

- It is a no-brainer that cigarettes are **EXTREMELY HARMFUL** harmful.
- We've known about the dangers of smoking for decades.
- Let's look how exactly do cigarettes harm us
As to what happens as their ingredients make their way through our bodies.
With each inhalation, smoke brings its more than 5,000 chemical substances into contact with the body's tissues.



What is in a cigarette?




Drugs

Drug Abuse


Drug Dependence

Physical dependence **Mental dependence**



Alcohol's Effects on the Body


- **Short term effects of alcohol**
- Although everyone has used the drug alcohol regularly, they can still experience alcohol to be effective on the mind and body.
- The liver can metabolize alcohol from the diet but if alcohol is consumed in excess, it can lead to liver disease, fatty liver, cirrhosis, and liver cancer.
- **Other effects**
- Impaired judgment, reflexes, and coordination.
- Trouble concentrating.
- Loss of inhibition.
- Loss of motor responses.
- Reduced perception of pain and cold.
- Blood vessels.
- Reduced core body temperature.
- Raised blood pressure.
- Peering out.
- Vomiting.





Categories of drug of abuse

Stimulants

Alcohol **Drugs**



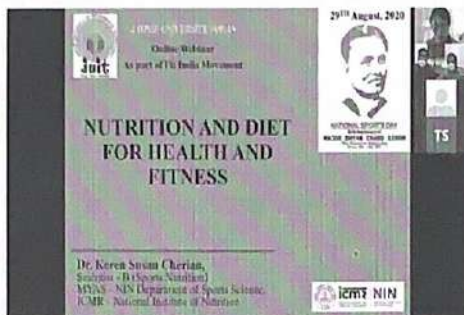
Effects of Alcohol on the Body



Activities under Fit India Movement

TALK ON NUTRITION AND DIET

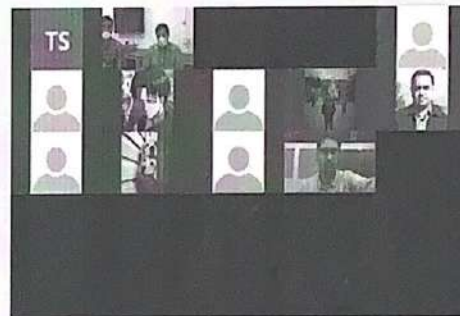
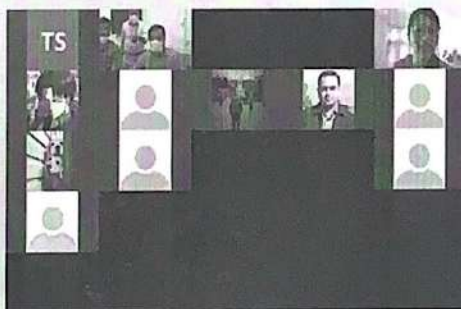
29 August 2020



A session of webinar on "Nutrition for General Health and Fitness" has been conducted on 29th August 2020 at 11:30AM in order to spread the knowledge of nutrition on the fitness among Students, Faculty members and Staff of the JUIT Waknaghat. Dr. Keren Susan Cherian, Scientist, National Institute of Nutrition, Hyderabad (an Indian Council of Medical Research Institute) shared details on balanced diet, hydration and nutrition to boost immune



system. There were a lot of queries by the attendees which were nicely clarified by Dr Keren Susan Cherian at the end of the session. The whole session was very interesting as could be inferred from duration of the session which lasted for more than one and half hours and from the numbers of queries at the end of the session. A good number of participants attended the webinar.



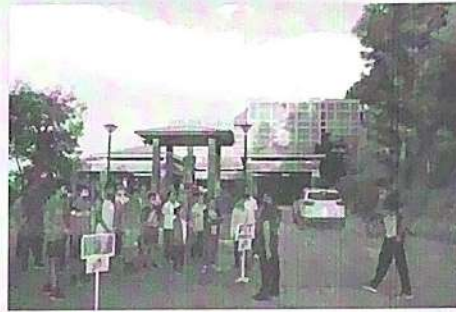
Activities under Fit India Movement

FIT INDIA FREEDOM RUN

26 September 2020

The Fit India Freedom run was organized by Sports Club & Fit India Campaign Club of JUIT on 26th September, 2020 (Saturday) at 6:45 AM. More than 30 participants assembled at the designated site and participated in the event. The track run was approximately 2.0 Kms.

The track was STARTING POINT-- Vivekananda Statue-- Parmar hostel-- SOR-- Civil Department-- return from Mini Football Ground--on same track--FINISHING POINT-- Vivekananda Statue.



Activities under Fit India Movement

SPORTS QUIZ

26 September 2020

A Sports quiz about the awareness and knowledge of sports/fitness was conducted on 26th September 2020 in online mode. A total of 71 students participated in this event out of 180 who registered for it. The quiz comprised of 30 questions and participants had to return/submit it within 10 minutes. The quiz was graded and the top 3 performers were announced as under:-

- (a) Ayush Dhamani (191262)
- (b) Aryamaan (191253)
- (c) Shubham Kumar (171031)





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

VICHARANA 2020: Exit Report

VICHARANA 2020 was the Ideathon event organized by TIED Cell in association with Technovatorz and e-yantra on 17th Oct 2020 through GoogleMeet. Under the event innovative ideas were welcomed from the students of the University to solve different problems in any of the following three themes:

1. Health monitoring system
2. Natural disasters prediction/prevention. e.g. Flood, Landslides, Drought, etc.
3. Security and surveillance.

15 teams that involved a total of 35 students had submitted their ideas for the first round and keeping the main aim of the program in mind which is always to encourage students in getting themselves involved in project development, all the 15 teams were selected for the second round. In the second round, teams presented their ideas in front of a judging panel.

Our Judging panel consisted of a total of 4 Alumni and 2 faculty of University. 2 Judging panels were created:

Judges in Panel 1 were:

1. Mr. Sanjay Singh, (Alumnus 2002-2006), Infosys.
2. Mr. Dhruv Batra, (Alumnus 2013-20017) , Marketing Lead, Life Optoelectronics
3. Prof. Ashish Kumar, Professor , Civil Engineering Department

They judged the ideas under the themes Health monitoring system, and Natural disasters prediction/prevention.

Judges in Panel 2 were:

1. Mr. Vineet Krishna, (Alumnus 2004-2008) Senior Project Manager, Fidelity Information Services (FIS) India
2. Mr. Sumit Vardhan, (Alumnus 2008-2012) Patent, Technology & Market Research Consultant , Abu Dhabi Department of Economic Development
3. Dr. Harsh Sohal (Assistant Prof. , ECE Department)

They judged the ideas under the theme Security and surveillance.



Schedule for the event was as follows:

S.No.	Time (IST)	Event
1	14:00 - 14:30	Interaction of Judging Panel consisting of Alumni and Faculty
2	14:30 - 16:30	Presentation Time
3	16:30 - 17:00	Award Ceremony

Judging sheet was in the form of following Google Form: <https://tinyurl.com/y6gz64mx>
To make the marking unbiased, all the Judges were requested to fill the above form separately for each team.

After all the presentations were over, Dr. Nishant Jain, who was coordinating google Meeting of both the judging panels, compiled the marks and announced the winners under the three themes which were as follows:

1. Under the theme Health monitoring system , Winner is Team CAPTIVATORS: Sanyam Saxena(191214), and Vipasha Rana(191226).
2. Under the theme Natural disasters prediction/prevention Winner is Team Binary Coders: Devansh Gupta(191038), Varun Chodha(191504), and Stuti Roy(191046).
3. Under the theme Security and surveillance Winner is Team Triton: Zeeshan Naseem(191011), Mukul Anand(191029), and Shikhar Trivedi(191012)

Winning team under each theme was awarded with the support of Rs 10,000/- that the winning team can use for the development of a prototype for their idea. If students are able to build the prototype then they will be encouraged to submit their ideas and project in events like Smart India Hackathon, e-Yantra event by IIT Bombay and students will be encouraged to submit business ideas.

Event was concluded by motivating words from all the Alumni for the participants and organising team. Prof. Ashish Kumar and Dr. Nishant Jain gave thanks to all the judges and to all the participants. They also show gratitude to the administration of JUIT and HoD of ECE department for providing a motivation for the event. They thanked HP govt for funding TIEDC and supporting innovation activities in the campus

Organising Team:

Dr. Nishant Jain
Assistant Professor
Department of ECE

Dr. Vikas Baghel
Assistant Professor
Department of ECE

Dr. Harsh Sohal
Assistant Professor
Department of ECE

Prof. Ashish Kumar
Professor
Department of CE





@yantra



Jaypee University of Information Technology

TIED Cell in association with Technovatorz and e-yantra
is organising

VICHARANA 2020

Innovative ideas are invited in the following three themes:

- Health monitoring system
- Natural disasters prediction/prevention
- Security and surveillance

Last Date of Registration & Submission of Idea: 19th Sep. 2020

Date of Presentation of the shortlisted Ideas: 26th Sep. 2020

For details visit, <https://tinyurl.com/y23phzjs>

For free registration: <https://tinyurl.com/y5e8e7ez>

For any query, contact us at nishant.jain@juitsolan.in





Jaypee University of Information Technology

TIED Cell in association with Technovatorz and e-yantra

is organising

VICHARANA 2020

Judges



Mr. Sanjay Singh
Project Manager, Infosys
Ltd.
Alumnus (2002-2006),
ECE, JUIT



Mr. Vineet Krishna
Senior Project Manager
Fidelity Information
Services
Alumnus (2004-2008),
ECE, JUIT



Mr. Sumit Vardhan
Patent & Market Research
Consultant
Alumnus (2008-2012),
ECE, JUIT



Dr. Harsh Sohal
Assistant Professor,
ECE, JUIT



Mr. Dhruv Batra
Co- Founder
Life Optoelectronics
Alumnus (2013-2017), ECE, JUIT



Prof. Ashish Kumar
Professor,
CE, JUIT



list of Participants

Vicharana-2020.- 17 Oct 2020

Sr. No.	Participant	Enrol No	Batch	Email ID
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5	Dhruv Srivastava	201346	CS19	201346@juitsolan.in
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8	Akhil verma	201005	EC11	201005@juitsolan.in
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12	Ritika Tiwari	191028	ECE	191028@juitsolan.in
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23	Devansh Gupta	191038	EC32	devanshgupta1515@gmail.com
24	Shreyansh Srivastava	191044	EC-32	srishreyansh90444@gmail.com
25	Shikhar Trivedi	191012	ECE 31	shikhartrivedi078@gmail.com
26	Stuti Roy	191046	EC32	roystuti04@gmail.com
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29	Isha Rawat	201337	CS18	201337@juitsolan.in
30	Tanvi sharma	201320	CS-18	tanvisharma1463@gmail.com
31	Puneet Katoch	201385	CS110	201385@gmail.com
32	Sagrika Gargya	191002	Ece-31	sagrikagargya@gmail.com
33	Pragya Tiwari	191004	ECE 31	tiwaripragya2001nov@gmail.com
34	Varun Chodha	191504	IT31	varun5chodha@gmail.com
35	Saransh Rohilla	191023	EC-31	rohillasaransh@gmail.com



From: shruti.jain/Juit
To: all_faculty@ju.it.ac.in, all_labstaff@ju.it.ac.in, all_hod@ju.it.ac.in
Cc: sudhir.syal/Juit@ju.it.ac.in, hemraj.saini/Juit@ju.it.ac.in,
samirdev.gupta/Juit@ju.it.ac.in, vinod.kumar/Juit@ju.it.ac.in

Date: Saturday, October 17, 2020 08:42AM
Subject: Webinar by Dr. Indranil Saha, IPR cell, JUIT

Dear All,
Our IPR Cell is organizing an expert lecture by Dr. Indranil Saha , Founder – HIINXLEGAL, M.Sc (Presidency College, C.U), Ph.D (IISc, Bangalore), Post-Doctorate (UNESCO, Italy), LL.B (Hons. in IPR)(IIT-Kharagpur) on the theme “Patents, Innovations and Start ups”.

Date and Timings - 17 October, 2020, 2:30 pm

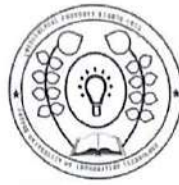
Google meet link : meet.google.com/bdw-gosi-wen
Regards

IPR Team (Dr. Shruti, Dr. Hemraj, Dr. Sudhir)

Thanks and Regards

Dr. Shruti Jain
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Jaypee University of Information Technology, Wanknaghat,
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<http://www.juit.ac.in/faculty.php?id=155&dep=ece&page=0>
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Landline : 01792-239262





Report of Webinar

“Patents, Innovations and Start ups”

October 17, 2020 by IPR Cell, JUIT, Solan



The webinar titled “Patents, Innovations and Start ups” was organized by the IPR cell, JUIT Wahnaghat. The event was started at 02:30P.M with a welcome speech by Prof. Sudhir Kumar, Coordinator, IPR cell. He extended his warm welcome to the speaker of the session **Dr. Indranil Saha**, faculties, staff, students and participants of the event. About 65 participants attended the event.

Dr. Indranil Saha , Founder – HIINXLEGAL, M.Sc (Presidency College, C.U), Ph.D (IISc, Bangalore), Post-Doctorate (UNESCO, Italy), LL.B (Hons. in IPR)(IIT-Kharagpur)

The webinar covered the following topics :

1. What is a patent?
2. What is invention and inventive step?
3. Criteria for getting a patent



4. Inventions not patentable in India
5. Rights of a patentee
6. Importance & scope of patent in scientific work
7. Who can apply for patent?
8. Specifications, types, contents and Claims
9. Timelines and procedures for obtaining patent
10. Pre-grant opposition & Post grant opposition
11. Unity of invention
12. Types of patent applications
13. Divisional Application
14. Patent of Addition
15. Licensing and monetization of patents
16. Compulsory licensing of patents
17. What is Small Business Entity?
18. What is a Start Up?
19. What is a MSME?
20. Business entities eligible for registration
21. Sole-proprietorship
22. Private Limited Company
23. Limited Liability Partnership (LLP)
24. Partnership
25. How to register a Start Up?
26. How to register a MSME?
27. Benefits of a Start Up & MSME

After attending the webinar, participants may able to

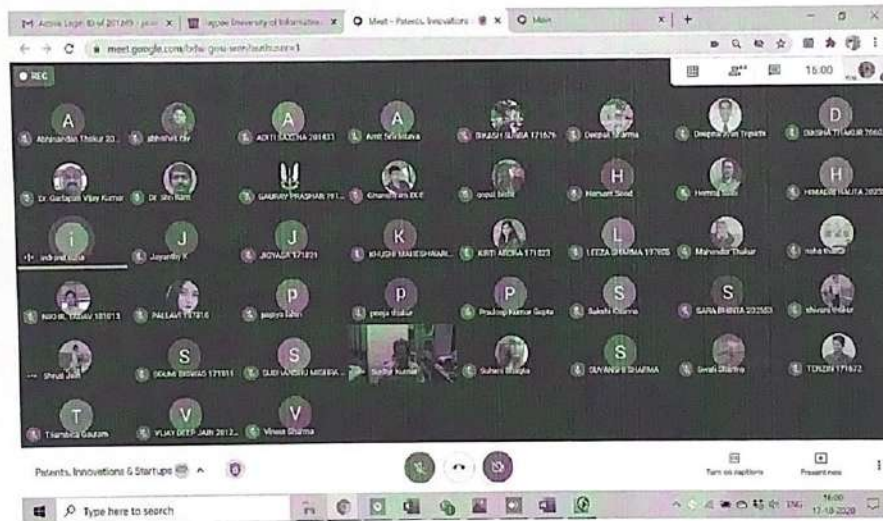
1. undertake better methodology and techniques for their scientific work for which they can apply for patents along with the institute involved or on an individual basis.
2. Understand the value of the scientific work will be upgraded as a patent has more value than a research publication.
3. The students in the audience will have a preliminary but clear understanding of how to open their own Start Up's and MSME's. They will be motivated to be job creators themselves rather than being job seekers.

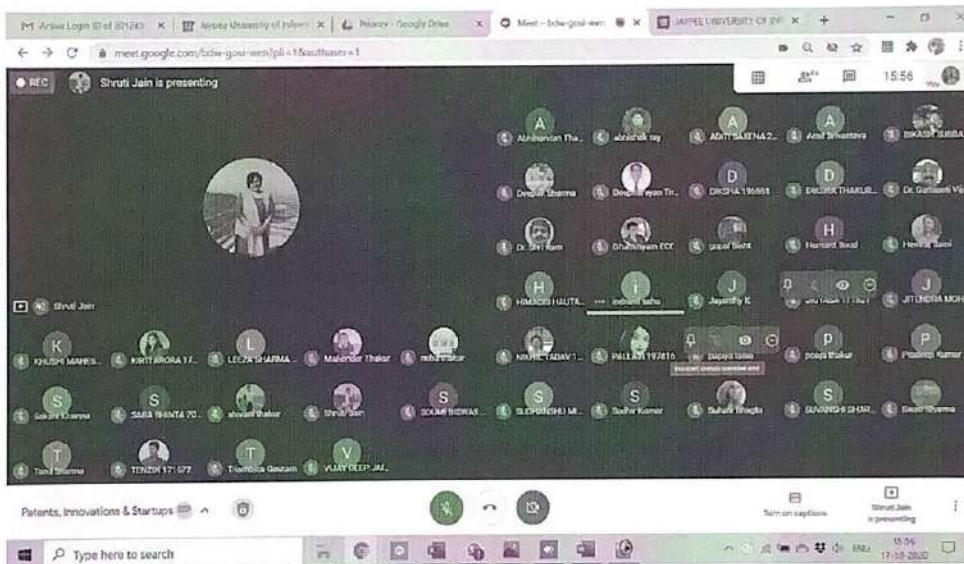
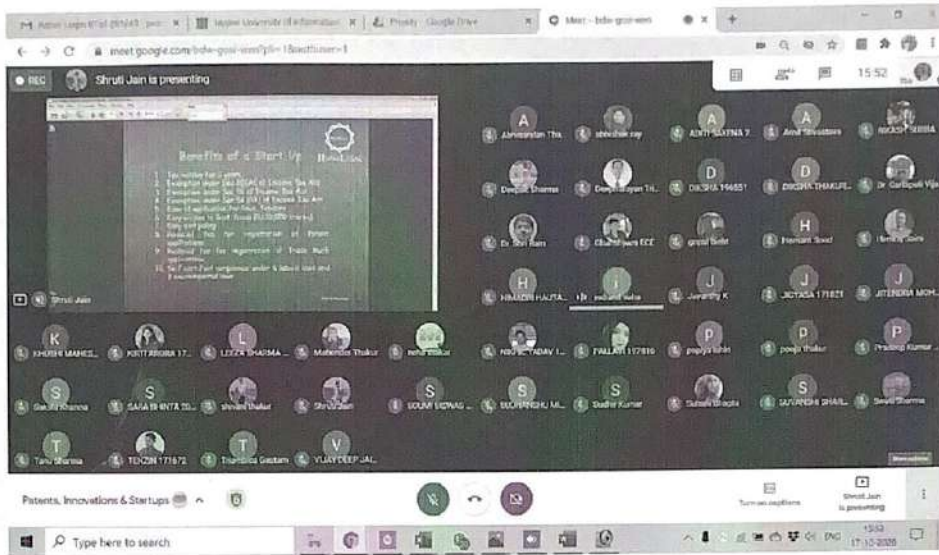


4. The faculty and the students are motivated to do even better scientific work resulting in application for patents due to which their value as well as the academic and economic value of the institute will rise appreciably in every sphere in India and abroad.
5. The institute will be motivated to build and launch new products and processes in the market for the benefit of the consumers including the scientific community.
6. The institute can license the patents and make profit once it gains knowledge in this domain.

Dr. Hemraj Saini, Co-coordinator helped in asking queries of participants after the session. Towards the end, Dr. Shruti Jain, the Member Secretary of the cell, expressed her gratitude to the university administration for their constant encouragement and support in conducting the webinar, and participants for making it a grand success. A special vote of thanks also needs to be mentioned for Mr.Pramod Kumar for handling the technical aspects of the webinar very efficiently.

Last but not the least a special thanks to HIMCOSTE, Shimla for providing support.





Sports Club event

Inter Department Sports Competition - 2019

November 13 to December 2, 2019

JUIT sports club, organised 1st Inter department sports competition 2019. The competition was held from November 13, 2019 to December 2, 2019. The events was organised for the students and employees of the University.

The sports meet was inaugurated by Maj Gen Rakesh Bassi (Retd.), Registrar and Dean of Students on November 13, 2019. Basketball and Badminton, two games for included in the competition. Total 94 students and 14 faculty/staff members have participated in the event and showed the true picture of sportsmanship.

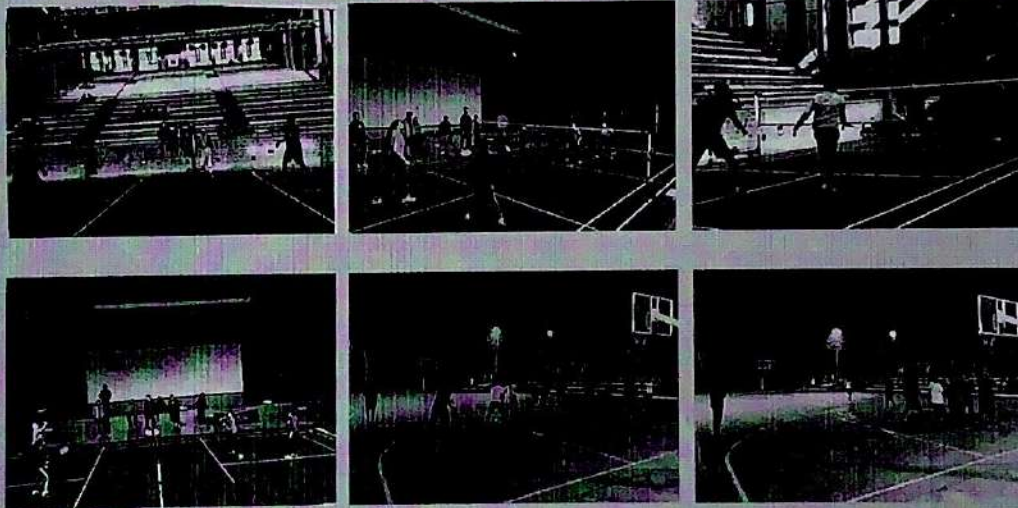
The format for the competition was league-cum-knockout matches. Faculty and staff members of JUIT got the opportunity to step

out of their busy academic schedule to showcase their sportsmanship and talent.

Results:

Badminton		
Students	Winner	CSE - 2 (Bharat & Team)
	Runner Up	CSE - 1 (Akshay & Team)
Faculty/Staff	Winner	CSE - Dr Amit & Mr. Surjeet
	Runner Up	BT/BI - Dr. Tiratha Raj & Dr. Harish

Basketball		
Students	Winner	Civil - Anirudh & Team
	Runner Up	CSE - Prajawal & Team



Entrepreneurship Workshop 2020

The Technology Incubation Entrepreneurship and Development Cell at Jaypee University of Information Technology, Solan organized an Entrepreneurship Workshop on the weekend of 21st and 22nd November, 2020.

A two day event, with 80 participants, the workshop was a way to introduce college students to the various aspects of the startup world. Participating students were briefed about topics like Business Development, Marketing, Finances and Design Thinking through presentations and sessions hosted by the members of the E Cell. At the end of the first day, following the sessions, an event was organized wherein participants were teamed up with one another. The teams were then asked to come up with an idea which they felt could eventually lead to a startup. Along with pitching their ideas, teams had to build their own Business Model Canvas - a representation of various parts of a startup, from the Partners, Resources, Marketing and Revenue Streams

The second day started early at 11 am with a brief session for the participants on how to pitch any idea and make presentations for the same. The pitches commenced at 3:30 PM wherein each team presented their idea and the related Business Model to the panel. Each pitch lasted 10 minutes including questions put up to the teams regarding their startup idea by the panel

The top two teams whose ideas and presentations stood out were -

1. Siddharth Kuthiala, Khushi Chabra, Archit Kaushal, Shikhar Khandelwal
2. Ishan Sharma, Paras Sharma, Aarhan Ali Khan, Puneet Katoch

The event ended with positive feedback from the attendees on the entire two day learning experience.





Business
Development

Design
Thinking

Entrepreneurship Workshop

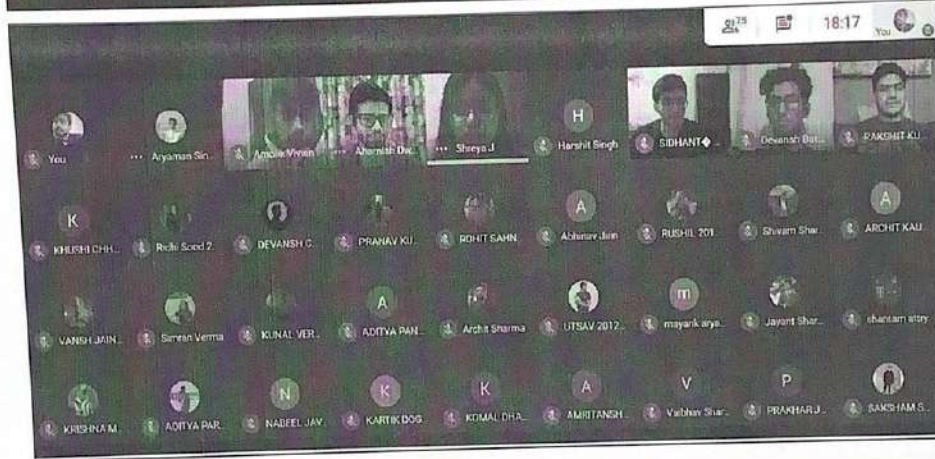
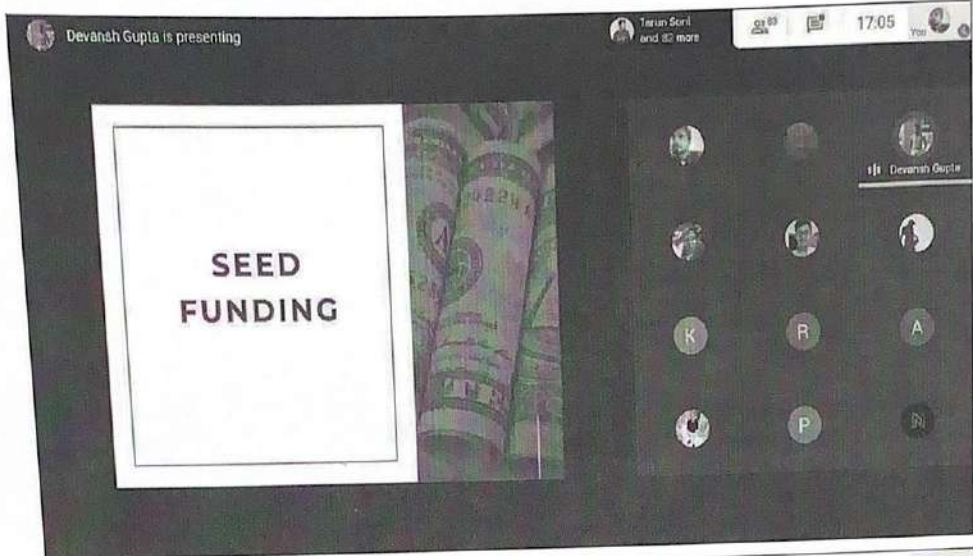
Nov 21st - 22nd

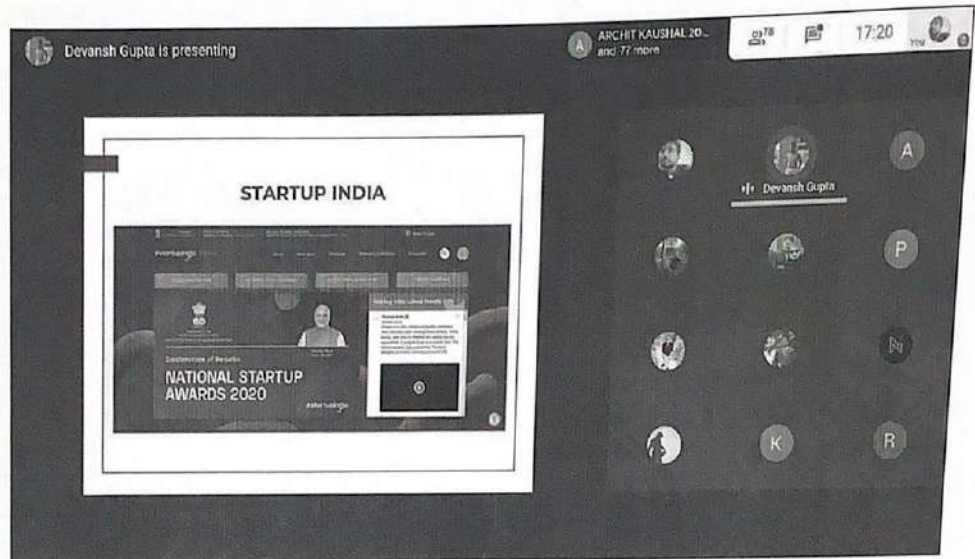
Finance

Marketing

Event Screenshots:

DAY 1:





DAY 2:



Siddharth Kuthiala is presenting

Sivran Verma and 10 more

16:19

HERE IS THE SOLUTION!

FEWPS – Forest-fire Early Warning and Prevention System

How does it work?.....
The 30-30-30 rule!

How will it be helpful?.....
Warns you BEFORE a fire even starts!

Why now?.....
Cause its never too late!

UTSAV 201292 is presenting

ADITYA PARTAP SINGH 20... and 9 more

16:08

Business Model Canvas

Key Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
<ul style="list-style-type: none"> Government Private companies Non-profit Academics 	<ul style="list-style-type: none"> Supply chain Production App development Marketing and sales 	<ul style="list-style-type: none"> Access to big data base Real-time Cloud Forecasting Alerting App 	<ul style="list-style-type: none"> Customer loyalty Self-serve Self-serve Self-serve 	<ul style="list-style-type: none"> Individuals who are interested in forest fire prevention Businesses who are interested in forest fire prevention Government Academics
	<ul style="list-style-type: none"> Research App development Marketing App 		<ul style="list-style-type: none"> Channel Self-serve Self-serve Self-serve 	
<ul style="list-style-type: none"> Government Private companies Non-profit Academics Marketing App 		<ul style="list-style-type: none"> Advertising Self-serve Self-serve Self-serve 		



Hani Priya Sharma is presenting

Harshit Singh and 8 more

15:37

~Problems~

- Kitchen Work load on single parent.
- Isolated old aged people.
- Employees living in flats solely.
- Unhygienic food.
- No food available for allergic people.
- Unemployed small scale chefs.



list of registration

Entrepreneurship Workshop 2020.

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1	Soham Ahuja	171015	171015@juitsolan.in
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65	Satyam	201292	satyammahajan2002@gmail.com
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67	Shikhar Trivedi	191012	shikhartrivedi078@gmail.com
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69	Shikhar Khandelwal	201467	skykunnu@gmail.com
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75	Tanvi Sharma		tanvisharma2742@gmail.com
76	Tenzin	171672	tenzinjerry16@gmail.com
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81	Vivek Dubey		vivek.dubey1176@gmail.com
82	Kriti Vij	201344	201344@juitsolan.in
83	Dhruv Srivastava	201346	201346@juitsolan.in





**Technology Incubation & Entrepreneurship
Development Cell**
Jaypee University of Information
Technology, Wanknaghat (H.P.) - 173234



College to Corporate Webinar 1

Event: College to Corporate: Webinar 1

Guest: Shreevallabh Chouganjkar

Date: 4th July 2021

Attendees: 35

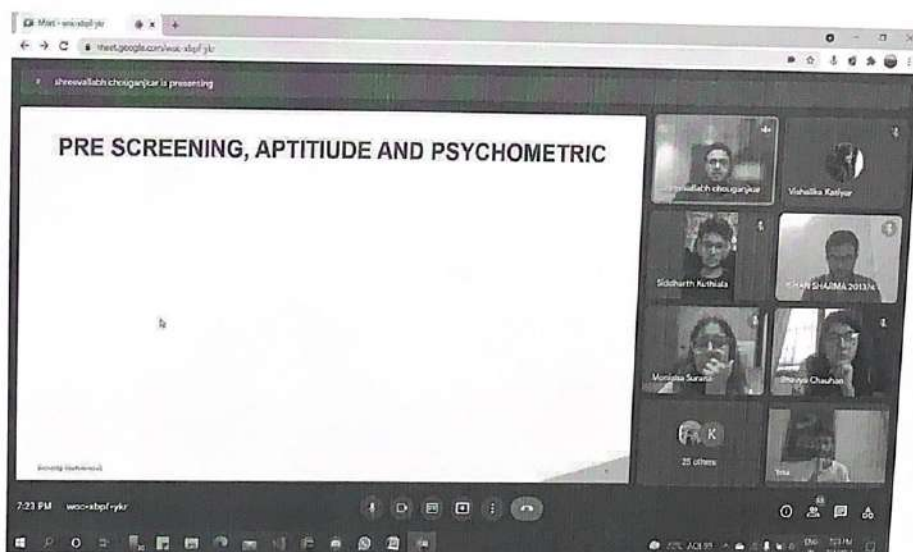
Platform: Google Meet

Poster:

The poster features the TIED CELL logo at the top left. The main title 'COLLEGE TO CORPORATE' is prominently displayed in large, bold, black letters. Below it, the subtitle 'Acing Interviews' is enclosed in a rounded rectangular box. The event details 'Sunday, 4th July 2021 7pm' are listed with a calendar icon. A circular portrait of Shreevallabh Chouganjkar, a man with glasses and a suit, is positioned on the right. Below the portrait, his name 'Shreevallabh Chouganjkar' is written, followed by his credentials: 'International Management' and 'Trainee at METRO Cash & Carry'. The background is a light purple and green gradient with abstract geometric shapes.



Event Captures:



Webinar Objective:

The Guest sought to provide insightful vision into cv/profile building, and Company interviews, with an overall touch of lessons fueled by his own experience in the corporate world.

Webinar Details:

Preparing all 4 years, giving in the best we could, learning and grasping the best we could have, yet these simple 4 words make us think of our whole life: "Tell me about yourself". Regardless of how much vibrant your life has been till the moment that question was asked, combining all that vibrance and presenting it through your words in 5 minutes is undoubtedly a skill that we need to learn, a skill very important for our professional life ahead.

To give us insights into the same, we were joined by a very special guest, Mr. Shreevallabh Chouganjkar, a btech graduate from Visvesvaraya National Institute of Technology, postgraduate in Masters of Business administration from Symbiosis Institute of Business Management, Pune, and a very passionate learner of some very important life skills from the college of life experiences, Currently an International Management Trainee at METRO Cash&Carry.

Benefit Obtained:

The Webinar unfolded very successfully, with the participants getting a lot of eye opening insights into interviews and overall personality building for stepping into the corporate world. In addition to which the guest took an impromptu interview of a participant just to show more clearly how the overall composure of an interview works. The Webinar ended with a highly positive feedback from the guest as well as the participants.



Attendees:

Arhan ali khan
Aishani pachauri
Anoushka sud
Ansh agrawal
Aryaman sinha
Bhavya chauhan
Daniel dale dacosta
Devansh chaudhary
Devansh gupta
Haripriya sharma
Harshit singh
Ishan sharma
Jayant sharma
Kartik dogra
Khushi chhabra
Komal dhall
Monisha surana
Prakhar jain
Rishabh
Rushil
Shreesh tripathi
Siddharth kuthiala
Siddharth misra
Sristi agarwal
Swastik jha
Tanvi sharma
Tanya gupta
Tanvi sharma
Tarun soni
Vishalika katiyar
Vivek dubey



Exit Report of Workshop on Industrial Revolution 4.0 3rd July 2021 to 4th Sep 2021

The Department of Electronics and Communication Engineering, JUIT has organized a Workshop on Industrial Revolution 4.0 with one session organized every Saturday from 3rd July 2021 to 4th Sep 2021.

Industrial Revolution 4.0 comes with the concept of making industries smart and includes technologies like artificial intelligence (AI), robotics, the Internet of Things (IoT), cyber-physical systems, 3D printing, genetic engineering, quantum computing, and many others. Due to the very wide scope of applications, it attracts students, researchers, educators and industrialists from different backgrounds. This workshop will help the participants working or aspiring to work in the field of IoT, Robotics, Smart Home, Cloud Computing, remote sensing, Biomedical, etc. It will help the participants to explore new dimensions for their academic and research activities. Topics to be covered in the workshop are the following: Industry 4.0 technology, Internet of Thing (IoT), Design of Smart Sensors, Cyber Physical Systems, Advanced Robotics, Quantum Cryptography for Internet of Things Security, Wireless Communication for IoT, Industry practices in Artificial Intelligence, and Introduction to Cloud Computing.

Schedule of the workshop was as follows:

Session	Date	Time	Session Title	Speaker
1	3rd July	11:00 -13:00	Introduction to Industry 4.0 technology	Prof. Ghanshyam Singh, Professor, University of Johannesburg
2	10th July	11:00 -13:00	Introduction to IoT: Research Issues & Challenges	Dr. Vijay Chaurasiya, Associate Professor, IIIT Allahabad
3	17th July	11:00 -13:00	Design of Smart Sensors	Dr. Sandeep Hanwate, Assistant Professor, College of Engineering Pune
4	24th July	11:00 -13:00	Development of IoT applications	Mr. Harmesh Lal, Director, Embsoft Products Research and Development



5	31st July	11:00 -13:00	Cyber Physical Systems – An insight	Dr. Sahaj Saxena, Assistant Professor, Thapar Institute of Engg & Technology
6	7th Aug	11:00 -13:00	Advanced Robotics and Automation	Mr. Utkarsh Srivastava, Acalvio Technologies, Bengaluru
7	14th Aug	11:00 -13:00	Quantum Key Distribution	Mr. Vivek Kumar, Senior Research Engineer, Centre for Development of Telematics (C-DOT)
8	21st Aug	11:00 -13:00	Data Protocols in IoT Networks	Dr. Pyari Mohan Pradhan, Associate Professor, IIT Roorkee
9	28th Aug	11:00 -13:00	Recent Trends in Data Clustering Algorithms And Their Applications in IoT	Dr. Satyasai Jagannath Nanda, Assistant Professor, MNIT Jaipur
10	4th Sep	11:00 -13:00	Cloud computing Overview – Key to the success of Industry 4.0	Mr. Sanjay Singh, Project Manager, Infosys Ltd.

Following students and Faculty were the part Organizing Team :

S.No.	Email ID	Name	Responsibility	Faculty Coordinator
1	191034@juitsolan.in	Falguni Bharadwaj	Certificate and End Video designing	Dr. Nishant
2	191040@juitsolan.in	Sanskriti	Reporting of sessions 1, & 2 for website and social media coverage	Dr. Vikas & Dr. Shweta
3	191043@juitsolan.in	SRI naga sai kartik vinnakota	Video editing of Session 1 & 2 for Youtube	Dr. Nishant
4	191002@juitsolan.in	Sagrika Gargya	Hosting all 10 Sessions with Shweta Maam and Pragya Maam	Dr. Shweta and Lt. Pragya Gupta
5	191038@juitsolan.in	Devansh Gupta	Feedback form collection and maintaining attendance sheet	Dr. Vikas
6	191004@juitsolan.in	Pragya Tiwari	Hosting all 10 Sessions with Shweta Maam and Pragya Maam	Dr. Shweta and Lt. Pragya Gupta
7	191028@juitsolan.in	Ritika tiwari	Reporting of sessions 3 & 4 for website and social	Dr. Vikas & Dr. Shweta



			media coverage	
8	191048@juitsolan.in	Prajwal Shukla	Video editing of Session 3 & 4 for Youtube	Dr. Nishant
9	191012@juitsolan.in	Shikhar Trivedi	Reporting of sessions 5 & 6 for website and social media coverage	Dr. Vikas & Lt Pragya
10	191039@juitsolan.in	Ambar tiwari	Video editing of Session 5 & 6 for Youtube	Dr. Nishant
11	191021@juitsolan.in	Shubham jha	Reporting of sessions 7 & 8 for website and social media coverage	Dr. Vikas & Lt Pragya
12	191045@juitsolan.in	Anjali rana	Video editing of Session 7 & 8 for Youtube	Dr. Nishant
13	191018@juitsolan.in	Pratham bhardwaj	Reporting of sessions 9 & 10 for website and social media coverage	Dr. Vikas & Lt Pragya
14	191046@juitsolan.in	Stuti Roy	Video editing of Session 9 & 10 for Youtube	Dr. Nishant

Total of 240 Registrations were received from across the globe.

Category	No. of Participants
Female	60
Participants from JUIT	50
Participants from outside	144
Participants from abroad	9
Employee in Industry	15
Entrepreneurs	2
Faculty	87
Research Scholar	25
Student (UG)	58
Technical staff	5

All the sessions were conducted through Google Meet. Feedback was collected from the participants after every session of the workshop. At the end of the workshop 74 participants with more than 80% attendance were given the e-Certificates. e-Certificate were also given to our keynote speakers as a token of appreciation.



Dr. Nishant Jain, Dr. Shweta Pandit, Dr. Vikas Baghel, and Lt. Pragya Gupta, Assistant Professors in ECE, JUIT were the coordinators for this workshop.





Kaushal Kumar <kaushal.kumar@juitsolan.in>

Invitation: WORKSHOP ON PRIMAVERA P6 SOFTWARE : 08th March 2021 to 14... @ Mon 8 Mar - Sun 14 Mar 2021 (kaushal.kumar@juitsolan.in)

1 message

Rajesh Sahu <rajesh.sahu@juitsolan.in>

8 March 2021 at 16:04

Reply-To: Rajesh Sahu <rajesh.sahu@juitsolan.in>

To: kaushal.kumar@juitsolan.in, 171650@juitsolan.in, hgoel1999@gmail.com, 181637@juitsolan.in, 181656@juitsolan.in, 171679@juitsolan.in, rahulrahi765@gmail.com, pranavdogra4@gmail.com, 181604@juitsolan.in, priyanshagupta18@gmail.com, 181626@juitsolan.in, 181625@juitsolan.in, divyprndt26@gmail.com, 171678@juitsolan.in, 202605@juitsolan.in, 181655@juitsolan.in, 202604@juitsolan.in, 181654@juitsolan.in, 171674@juitsolan.in, limbubhutanese84@gmail.com, 181651@juitsolan.in, 181653@juitsolan.in, 171673@juitsolan.in, 202652@juitsolan.in, 202651@juitsolan.in, 181652@juitsolan.in, tenzinjerry16@gmail.com, 171620@juitsolan.in, 202655@juitsolan.in, atulvashisht123@gmail.com, 202656@juitsolan.in, 202601@juitsolan.in, 171635@juitsolan.in, 181650@juitsolan.in, 181614@juitsolan.in, 202654@juitsolan.in, sharmapranjal2073@gmail.com, visu9140@gmail.com, m2961120@gmail.com, 181603@juitsolan.in, saijalv1206@gmail.com, sharmasushant1527@gmail.com, kapil.varun58@gmail.com, 181608@juitsolan.in, wasaf.mughal@gmail.com, nrjsharma352@gmail.com, 181647@juitsolan.in, srinchen5070@gmail.com, 181649@juitsolan.in, sushainb1214@gmail.com, arnavrawat791@gmail.com, yamitdhalaik@gmail.com, s1996sharma@gmail.com, anshushubhu2000@gmail.com, akash.bhardwaj@juitsolan.in, ashok.gupta@juitsolan.in, chandrapal.gautam@juitsolan.in, inmail.hemant@gmail.com, ayushthakur669@gmail.com, 171631@juitsolan.in, 171610@juitsolan.in, 181612@juitsolan.in, 181613@juitsolan.in, pradeepkuhar@gmail.com, 181615@juitsolan.in, hemangsinghchandrotia@gmail.com, ermanojpoonia@gmail.com, CEFaculty <cefaculty@juitsolan.in>, rishi.rana@juitsolan.in, nirajsingh.parihar@juitsolan.in, amardeep@juitsolan.in, rajiv.ganguly@juitsolan.in, aakash.gupta@juitsolan.in, abhilash.shukla@juitsolan.in, ashish.fce@juitsolan.in, anirban.dhulia@juitsolan.in, saurav@juitsolan.in, saurabh.rawat@juitsolan.in, tanmay.gupta@juitsolan.in, bhuvan26walia@gmail.com, thakurabhinesh59@gmail.com, jagdeepbhagchandani@gmail.com, adadtiwary15@gmail.com, 181645@juitsolan.in, 171615@juitsolan.in, ritiktahkur2000313@gmail.com, dorjitshering18@yahoo.com

You have been invited to the following event.

WORKSHOP ON PRIMAVERA P6 SOFTWARE : 08th March 2021 to 14th March 2021 (06PM)

When Mon 8 Mar – Sun 14 Mar 2021

Where Jaypee University of Information Technology, Wagnaghat, Himachal Pradesh 173234, India (map)

Joining info Join with Google Meet
meet.google.com/fhq-jnxh-ubu

Join by phone
(US) +1 978-801-4270 (PIN: 873184692)

Calendar kaushal.kumar@juitsolan.in

Who • rajesh.sahu@juitsolan.in- organiser

Attachments Proposal Primavera.pdf

more details »

Going (kaushal.kumar@juitsolan.in)? **Yes - Maybe - No** more options »

Invitation from Google Calendar



Seven Days Workshop on Primavera Software

Department of Civil Engineering organized a workshop on Primavera Software from March 8, 2021 to March 14, 2021 in online mode. Workshop was conducted by Mr. Himanshu Singh, Director of RPRN Projects LLP company. He has a wide experience in construction industry and software training. In total, **75 participants** attended the workshop.

The program was successfully completed under the auspices of:

- Prof. Ashok Kumar Gupta – HOD, Department of Civil Engineering, JUIT Waknaghat.
- Mr. Chandrapal Gautam – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.
- Mr. Akash Bhardwaj – Assistant Professor, Department of Civil Engineering, JUIT Waknaghat and Program Convener.

Salient Features

- Video Recording of all lectures by the speaker of the Workshop is available with the organizing committee to be shared by the participants on request.
- After the completion of workshop, each participant was provided a digital certificate.



Workshop Schedule

08/03/21 First Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Calendars – defining hourly, daily, weekly calendar • Project Portfolio Management • Defining the Enterprise Project Structure (EPS) • Defining Organization Breakdown Structure (OBS) • Defining the Project Structure under the EPS
09/03/21 Second Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Activities – Definition, sequencing & Estimating duration • Effectively using the four types of PDM relationship • Scheduling the project
10/03/21 Third Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Defining constraints & overcoming conflicts • Defining & assigning activity codes² • Defining & assigning WBS codes • How to organize the activities by using activity Codes & WBS codes • Filtering activities
11/03/21 Fourth Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Defining and assigning Work products and Documents • Changing currency setting • Defining Roles • Defining Resources • Assigning by Roles • Assigning by resources
12/03/21 Fifth Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Estimating the cost of the project • How to analyze the resource by using resource profile & resource table • How to do resource leveling
13/03/21 Sixth Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Defining project codes and resource codes • Updating the project progress & comparing the actual progress with baseline • Analyzing earned value management
14/03/21 Seventh Day	
06:00-07:00 PM	<ul style="list-style-type: none"> • Preparing different types of tabular reports according to the industrial needs • Preparing Graphical reports • Highlighting the progress in the bar chart • Using Methodology Management



List of participants attended primavera software training started from 8th March 2021.

Sno.	Name of Student	Programme Studying	Year of studying	Enrollment No.	Email ID
1	Arnav Rawat	B Tech	3rd	181632	arnavrawat791@gmail.com
2	Passang Wangdi	B Tech	4th	171674	171674@juitsolan.in
3	Saijal Verma	B Tech	3rd year	181657	saijalv1206@gmail.com
4	Harsh goel	B Tech	4th	171617	hgoel1999@gmail.com
5	SONAM RINCHEN	B Tech	4th	171680	srinchen5070@gmail.com
6	Pranav Dogra	B Tech	3rd year	181643	pranavdogra4@gmail.com
7	Aanchal Choudhary	M Tech	First Year	202652	202652@juitsolan.in
8	Muskan Negi	B Tech	3rd	181626	181626@juitsolan.in
9	Abhishek Sharma	B Tech	3rd	181637	181637@juitsolan.in
10	SHUBHAM	B Tech	3rd	181605	anshushubhu2000@gmail.com
11	Harshit Thakur	B Tech	3rd	181604	181604@juitsolan.in
12	Yamit Dhalaik	B Tech	3rd	181602	yamitdhalaik@gmail.com
13	Vishali Thapta	B Tech	3rd	181614	181614@juitsolan.in
14	Namgay Wangmo	B Tech	third	181655	181655@juitsolan.in
15	Kinley Zam	B Tech	3rd year	181652	181652@juitsolan.in
16	Sonam Tshewang Dema	B Tech	3rd yr	181653	181653@juitsolan.in
17	Dechen Tshomo	B Tech	3rd	181654	181654@juitsolan.in
18	Phub dorji	B Tech	2018	181649	181649@juitsolan.in
19	Priyanshu Sharma	B Tech	Fourth	171650	171650@juitsolan.in
20	Pema Yuden	B Tech	3rd	181656	181656@juitsolan.in
21	Manish	B Tech	2021	191618	m2961120@gmail.com
22	Atul vashisht	B Tech	3 rd	181621	atulvashisht123@gmail.com
23	Sonam Dorji	B Tech	3rd year	181647	181647@juitsolan.in
24	Sonam Tshering	B Tech	3 year	181650	181650@juitsolan.in
25	Varun Kapil	B Tech	3th year	181606	kapil.varun58@gmail.com
26	ROHIT KUMAR	M Tech	First	202651	202651@juitsolan.in
27	Tshering Gyeltshen	B Tech	3rd	181651	181651@juitsolan.in
28	Ritik	B Tech	3rd	181663	ritiktahkur2000313@gmail.com
29	NAVEEN CHAUHAN	M Tech	2021	202655	202655@juitsolan.in
30	Aniket	B Tech	3rd year	181608	181608@juitsolan.in
31	Diksha Kumari	M Tech	1st year	202654	202654@juitsolan.in
32	Sushant	B Tech	3rd	181616	sharmasushant1527@gmail.com
33	Bikash Subba	B Tech	4yh	171676	limbubhutanese84@gmail.com
34	Leki	B Tech	4th year	171673	171673@juitsolan.in
35	Priyansha Gupta	M Tech	2019	192657	priyanshagupta18@gmail.com
36	BIPRENDRA KUMAR	M Tech	1st year	202604	202604@juitsolan.in
37	Nikita	M Tech	1st year	202656	202656@juitsolan.in
38	Jaideep Kanwar	M Tech	2020-21	202605	202605@juitsolan.in
39	Ganga Ram Ghalley	B Tech	4th	171678	171678@juitsolan.in
40	Shubham Sharma	M Tech	2019-2021	192603	s1996sharma@gmail.com
41	Neeraj Sharma	PhD	2nd	196601	nrjsharma352@gmail.com

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43	Sushain Bargotra	B Tech	2021	1908573	sushainb1214@gmail.com
44	WASAF JAVAID	M Tech	2019	192652	wasaf.mughal@gmail.com
45	Tenzin	B Tech	4th	171672	tenzinjerry16@gmail.com
46	Sahil Thakur	B Tech	4th	171635	171635@juitsolan.in
47	Abhay Joshi	B Tech	3rd	181625	181625@juitsolan.in
48	Vishal	M Tech	2019-2021	192654	visu9140@gmail.com
49	Dorji Tshering	B Tech	Fourth year	17001308	dorjitshering18@yahoo.com
50	HARDIK NAGPAL	B Tech	4th	171620	171620@juitsolan.in
51	Tshechik Dema	B Tech	4th Year	171679	171679@juitsolan.in
52	UJJWAL KUMAR	B Tech	3rd Year	181603	181603@juitsolan.in
53	Pranjal sharma	M Tech	2019-2021	192601	sharmapranjal2073@gmail.com
54	Rahul Garg	M Tech	2019-2021	192602	rahulrahi765@gmail.com
55	Divyanshu Pandit	B Tech	4th	171637	divypndt26@gmail.com
56	Gunjan Chauhan	B Tech	4th year	171610	171610@juitsolan.in
57	Gaurav Sharma	B Tech	3rd	181612	181612@juitsolan.in
58	Manoj kumar Poonia	Ph.D	2020-21	206611	ermanojpoonia@gmail.com
59	Pradeep Kuhar	P.hd	2021	206610	pradeepkuhar@gmail.com
60	Bhuvan Walia	B Tech	3 rd	181630	bhuvan26walia@gmail.com
61	abhinesh thakur	B Tech	3rd	181639	thakurabhinesh59@gmail.com
62	AYUSH THAKUR	B Tech	3rd yr	181631	AYUSHTHAKUR669@GMAIL.COM
63	Hemang Jandrotia	B Tech	3rd year	181660	hemangsinghjandrotia@gmail.com
64	Amish kartik	B Tech	3	181645	181645@juitsolan.in
65	Abhay kaith	B Tech	3rd	181615	181615@juitsolan.in
66	Rishabh Jaswal	B Tech	3rd	181613	181613@juitsolan.in
67	Aditya Kumar Tiwary	PhD	4th	166610	adadtiwary15@gmail.com
68	Vaibhav Singh	B Tech	4th	171615	171615@juitsolan.in
69	Manik seth	B Tech	4	171631	171631@juitsolan.in
70	Deepak Sharma	B Tech	3rd	181623	181623@juitsolan.in
71	Pallavi thakur	M Tech	2nd	192604	ptpallavithakur140@gmail.com
72	Passang Dorji	B Tech	3rd	181648	paksamphuentshog@gmail.com
73	Madhvender Singh	B Tech	3rd	181611	181611@juitsolan.in
74	Sahil Negi	B Tech	3rd	181638	181638@juitsolan.in
75	YASH GUPTA	B Tech	3rd	181642	181642@juitsolan.in

(Mr. Chandrapal Gautam)
CEC Coordinator



From: shruti.jain/Juit
To: juit_all@juit.ac.in, all_hod@juit.ac.in
CC: sudhir.kumar/Juit@juit.ac.in, hemraj.saini/Juit@juit.ac.in, samirdev.gupta/Juit@juit.ac.in, vinod.kumar/Juit@juit.ac.in, shruti.jain/Juit@juit.ac.in

Date: Monday, March 08, 2021 08:27AM
Subject: One week workshop on "Women Innovations and IPR"

Dear All,

The IPR Cell, Jaypee University of Information Technology, Solan is celebrating International Women Day week by organizing one week workshop on "Women Innovations and IPR", from March 08 - 13, 2021. The talk will be from 10:00-4:00PM. The detailed schedule of the workshop is as follows :

Date	Talk
March 08, 2021	Dr. Sanjiv Majumdar, Manager, National Research Development Corporation, Delhi
March 09, 2021	Prof. Himanshu Joshi, Professor, Department of Hydrology, & Former Coordinator IPR Cell, IIT Roorkee
March 10, 2021	Ms. Raj Latha Kotni, Lexport, Advocates & Legal Consultants
March 12, 2021	Mr. Awab Habib Fakih, Student Alliance LLP, Ministry of Commerce and Industry, Government of India, West Mumbai
March 13, 2021	Dr. Ranjana Pathania, Associate Professor, Department of Biotechnology & MHRD-IPR Chair Member, IIT Roorkee

-certificates will be given to all active participants.

All are requested to fill the Google form and join what's up group for recording dates. <https://forms.gle/9fC1SbYcF3AV9RoB8>
Google meet link for the event is meet.google.com/vbu-cjek-wur




Thanks and Regards

Prof. Sudhir Kumar
Dr. Shruti Jain
Dr. Hemraj Saini

Dr. Shruti Jain
Associate Professor
Department of ECE
Jaypee University of Information Technology, Wanknaghat,
District. Solan, Himachal Pradesh, INDIA
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Attachments:

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
Waknaghat, Teh. Kandaghat, Distt. Solan -171 294, (H.P.), India

WORKSHOP ON
“Women Innovations and IPR”
March 08 - 13, 2021
Organized by IPR cell
(Celebrating International Women's Week)

Date	Talk
March 08, 2021	Dr. Sanjay Majumdar, Manager, National Research Development Corporation, Delhi
March 09, 2021	Mr. Awab Habib Fakih, Student Alliance IIP, Ministry of Commerce and Industry, Government of India, West Mumbai
March 10, 2021	Ms. Raj Latha Kotni, Lexport, Advocates & Legal Consultants
March 12, 2021	Dr. Mini Nandoo, Executive Officer, IPR Cell, IIT Roorkee
March 13, 2021	Dr. Ranjana Pathania, Professor, Department of Biotechnology & MHRD-IPR Chair Member, IIT Roorkee

Talk Time Schedule

All are requested to fill the Google form and join what's up group for recent updates.
Link: <https://forms.gle/gCt8byeFgAVoRo0B>

Google meet link for the event is meet.google.com/vbu-cjek-wur
3:00PM-4:00PM

Report

“Women Innovations and IPR”

IPR Cell JUIT organized a one week workshop on “Women Innovations and IPR” in Jaypee University of Information Technology in collaboration with Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE) from March 08 - 13, 2021.





Details of the events of workshop are:

Date	Events	Title
March 08, 2021	Dr. Sanjiv Majumdar, Manager Manager in StartUp Activities & Intellectual Property Division, National Research Development Corporation, Delhi	IPR Spectrum and opportunities for researchers, entrepreneurs
March 09, 2021	Mr. Awab Habib Fasih, Student Alliance LLP, Ministry of Commerce and Industry, Government of India, West Mumbai	Basic of IPR & Indian Patent Filling Procedure
March 10, 2021	Ms. Raj Latha Kotni, Lexpert, Advocates & Legal Consultants	Women in IPR
March 12, 2021	Dr. Mini Namdeo, Executive Officer, IPR Cell IIT Roorkee	Innovation to IP Management
March 13, 2021	Dr. Ranjana Pathania, Professor, Department of Biotechnology & MHRD-IPR Chair Member, IIT Roorkee	Antibody Resistance- more than a Pandemic.

We received overwhelming responses not only from Himachal Pradesh but also from the states of Punjab, Tamil Nadu, Orissa, Gujarat, Maharashtra, Telangana, and Karnataka. The total no. of entries received for the workshop was 40. E-certificates have been given to all active participants.



Mini Namdeo Gira is presenting

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

INNOVATION TO IP MANAGEMENT

Workshop on "Women Innovations and IPR"
 IIT ROORKEE
 March 12, 2021
 Dr. Mini Namdeo
 IPR Cell, IIT Roorkee

Thank you
 Whatsapp/Call : 08976104646
 Email Id : fakihawab@gmail.com
<https://www.facebook.com/awabfakih>
<https://www.linkedin.com/in/awabfakih/>
<https://twitter.com/fakihawab>
 Profile : www.awabsir.com
AWAB HABIB FAKIH
 EDUCATOR @ AIKTC | EDUPRENEUR | PATENT ANALYST

AWAB FAKIH and 16 more

REC Dr. Sanjeev Majumdar is presenting

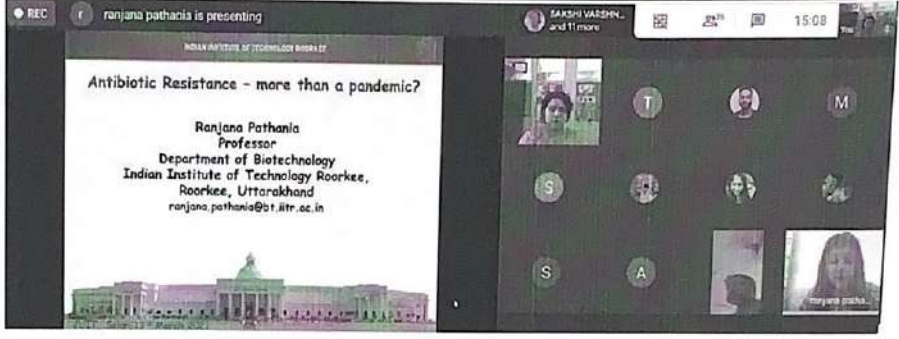
NATIONAL RESEARCH DEVELOPMENT CORPORATION
 IPR Spectrum and opportunities for researchers, entrepreneurs

8th March 2021 15:00

Dr. Sanjeeva Kumar Majumdar
 Manager - IPR, Startups & Incubation

NATIONAL RESEARCH DEVELOPMENT CORPORATION
 20-22, Zamroodpur Community Centre,
 Kirti Colony Extension, New Delhi
 Delhi - 110048





REC Awabi Fakin is presenting 15:37

Basic fees for filing of patent in India under form 1,2,3,3,76

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    graph TD
      Root[Basic fees for filing of patent in India under form 1,2,3,3,76] --> Normal[Normal]
      Root --> Other[Other than Good]
      Normal --> Normal_E[Normal E-Filing]
      Normal --> Normal_Ph[Normal Physical Filing]
      Other --> Other_E[Other than Good E-Filing]
      Other --> Other_Ph[Other than Good Physical Filing]
      Normal_E --> N1000[₹1000]
      Normal_Ph --> N2000[₹2000]
      Other_E --> O1000[₹1000]
      Other_Ph --> O2000[₹2000]
  
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Govt. Fees Structure for filling Patent

REC Mini Namdeo Gai is presenting 15:47

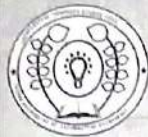
The 5 female inventors

- Jayce Chen**
Chen's patent is for a fish-boneless, soft, with a handle, also known as a stir fry zongzi. Her patent, however, only hints at Chen's impact on the American culinary scene. Chen pioneered the all-you-can-eat Chinese buffet style, and captivated Northerners with Chinese food.
- Patricia Bath**
Seymour S. Scheinowitz
Have you ever had laser eye surgery? You have Patricia Bath to thank for that. The first African American to complete a residency in ophthalmology in 1975, Bath invented the Laserphaco Probe, which uses laser technology to treat cataracts.
- Stephanie Kwolek**
Kwolek has many applications. Kwolek first went from science to work, but she also worked on... Stephanie Kwolek was a chemist at DuPont when she invented the synthetic poly-aramide fiber (Kevlar), which is used in many applications.
- Ann Makosinski**
One of the younger inventors on this list, Makosinski created the "Hydro Flashlight" which uses a thermoelectric effect to convert body heat into electricity to power LED bulbs. She also appeared on Forbes 2017 "30 Under 30" list.

REC Rohit Sharma and 8 more 15:44

The workshop was ended with the vote of thanks by IPR cell co-coordinator Dr. Shruti Jain.





Jaypee University of Information
Technology, Wahnaghat, Solan, H.P.



RESEARCH AND INNOVATION SHOWCASE (RAISE)

Organized by
IPR CELL

Industry and Academia personnel are invited to submit an INNOVATION PROPOSAL

Step-1: Abstract submission (300-350 words).

Step-2: Shortlisted participants should submit a Poster and a short video of 5 minutes.

Themes of RAISE

- Electronics & Communication Engineering.
- Computational Biology & Bioinformatics
- Computer Science Engineering
- Civil Engineering
- Basic Sciences
- Other Interdisciplinary Areas

Important Dates:

- Abstract submission by **March 20, 2021**
- Declaration of result of first phase **March 22, 2021**
- Poster and video submission by **March 24, 2021**

Mechanisms and Benefits of R.A.I.S.E.

- Declaration of final result by **March 25, 2021**
- e-Certificates will be given to all the participants.
- Exciting three Cash Prizes

**1st – Rs. 2000/-, 2nd – Rs.1500/-
3rd – Rs. 1000/-**

E-mail your Entries at-

Dr. Shruti Jain

shruti.jain@juitsolan.in

Dr. Hemraj Saini

hemraj.saini@juitsolan.in

Report

“Research and Innovation Showcase (RAISE)”

The IPR Cell, Jaypee University of Information Technology, Solan in collaboration with Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE) organized **Research and Innovation Showcase (RAISE)** from March 20 - 25, 2021. The aim of this event is to bring together the industry and academia. The themes for R.A.I.S.E. includes :

- i. Electronics & Communication Engineering.
- ii. Computational Biology & Bioinformatics
- iii. Computer Science Engineering
- iv. Civil Engineering
- v. Basic Sciences
- vi. Other Interdisciplinary Areas



We have received in total **23 innovations** from Chennai, Tamil Nadu, West Bengal, and Himachal Pradesh. Details are :

Research And Innovation Showcase (RAISE)				
S.No	PARTICIPANT NAME	UNIVERSITY/SCHOOL	STATE	Title
1	Ramneek Khurana	3rd year, Biotechnology and Bioinformatics department, JUIT	Himachal Pradesh	Trouble in the Paradise: Stubble Burning
2	Irene Michelle	KCG College of Technology	Karapakkam, Chennai, Tamil Nadu	Smart Sentry
3	Subash.S	SRM Valliammai Engineering College	Kattankulathur, Tamil Nadu	A multitasking robot based on a combination of IoT, Machine Learning and Embedded Systems for farmers
4	Amrisha Vivinya P M A. Prasanth	PSNA College of Engineering and Technology,	Tamilnadu	Smart Electric Pole System
5	Vishnu.R	PSNA College of Engineering and Technology,	Tamilnadu	Smart Irrigation and Water Draining System
6	Lokesh V	College of Engineering Guindy, Anna University,	Chennai	Prediction And Forecasting Epilepsy Based on Advanced Machine Learning Algorithms With Feature Extraction
7	Vansheika	M.Tech Construction Management, JUIT	Himachal Pradesh	An Innovative Empirical Model for Assessing the Effects of Future Pandemics On Status Of Female Labors in Construction Industry
8	Saurabh Tomar	B.Tech Civil Engg, Jaypee University of Information Technology, Wagnaghat, Solan(H.P)	Himachal Pradesh	Screw - In Foundation For Street Lights
9	Ishita Satija	B.Tech Biotechnology Engg, Jaypee University of Information Technology,	Himachal Pradesh	Lenfo



		Waknaghat, Solan(H.P)		
10	Anmol Sharma	B.Tech IT Engg, Jaypee University of Information Technology, Waknaghat, Solan(H.P)	Himachal Pradesh	Nomad Maps
11	Nayanika Sharma, Pranjal Bhatia, Rahul Shrivastava	Deptt of Biotechnology & Bioinformatics, Jaypee University of Information Technology, Waknaghat, Solan(H.P)	Himachal Pradesh	Big Data Analysis of Alzheimer's Disease using Sorting
12	Kirthana.K Mythrayee.G Punithajothi.N	SRM Valliammai Engineering College	Kattankulath ur	Real Time Water Quality Monitoring System using IoT
13	Soma Banerjee	Dept. of Education	Purulia, West Benagl	The Analytic Aspect of Phyto-Chemicals of <i>Aloe vera</i> Medicinal Plant of Khetri Region, Rajasthan
14	Dipak Kr. Mandal,	Dept. of English	Purulia, West Benagl	Antimicrobial Effects of Medicinal Plant Extracts on Human Pathogenic Microorganisms
15	Athilingam R Vivitha E Shenbagadevi M	Deptt of ECE, Nadar Saraswathi College of Engineering and Technology	Theni, Tamil Nadu	Real Time Barcode/QR Code Reader using Python
16	Vaishnavi T.V,	PSNA College of Engineering and Technology	Dindigul, Tamil Nadu- 624 622.	Smart Refrigerator Using AI and IOT
17	Shrivaishnavi V	SRMIST	Ramapuram, Chennai 89	Determining the Proportion of Plastic In Plastic Roads
18	Raga Varshini Sneha K Sowmiya M Karthikeyan K	Bannari Amman Institute of Technology	Tamil Nadu	automated gas stove



19	Sunainy Ajrawat, Chhavi Thakur Dr Hemant Sood	Jaypee University of Information Technology, Waknaghat	Himachal Pradesh	In silico profiling of bioactive compounds of Bauhinia variegata and exploring its pharmacological properties
20	Amanjot Singh Malhotra	Jaypee University of Information Technology, Waknaghat	Himachal Pradesh	Artificial Intelligence: A legitimate enforcement for Health Care System
21	Chhavi Thakur	Jaypee University of Information Technology, Waknaghat	Himachal Pradesh	Application of Artificial Intelligence in Bioinformatics and Drug Discovery
22	Sathya V	Muthayammal Engineering College, Biomedical Engineering	Rasipuram	Basic Sciences
23	Monisha S			A Wireless Sensor Networks based Patient Monitoring System using Integrated ECG module, Pulse Oximeter, Blood Pressure and Temperature Sensor

All the innovations which were received were recommendable. The first round was based on Abstract Submission of app 300-350 words which defines the motivation and outcome of the work. March 20, 2021 was the submission date of the abstracts. The committee member comprises Dr. Shruti Jain, Dr. Hemraj Saini and Dr. Hemant Sood has shortlisted 12 innovations. Declaration of the result of first phase has been done by March 22, 2021. It was difficult to further shortlist the innovations. Round 2 is Poster Submission. IPR members have given a fixed template for designing the poster and it has to be submitted by March 24, 2021. Based on the parameters like innovative idea, poster design and benefit to society committee members came up with final decision. The final result was declared on March 25, 2021 and as follows :

RESULT	PARTICIPANT NAME	Title	Amount
First	Anmol Sharma	Nomad Maps	Rs. 2000
Second	Saurabh Tomar	Screw – In Foundation For Street Lights	Rs. 1500
Second	Ishita Satija	Lenfo	Rs. 1500



Third	Vaishnavi T.V,	Smart Refrigerator using AI	Rs. 1000
Third	Raga Varshini Sneha K Sowmiya M Karthikeyan K	Automated Gas Stove	Rs. 1000
Consolation	Amrisha Vivinya P M	Smart Electric Pole System	Participation certificate mentioning result
Consolation	Sunainy Ajrawat, Chhavi Thakur Hemant Sood	In Silico Exploration of Medicinal Compounds of Bauhinia Variegata	Participation certificate mentioning result

E-certificates have been given to all active participants.





Report of Webinar

“IP awareness”

April 26, 2021 by IPR Cell, JUIT, Solan

IPR cell, JUIT Wahnaghat celebrated *World IPR day* on April 26, 2021. A webinar was conducted by Prof. Sudhir Kumar, Head, Department of Biotechnology and Bioinformatics and Coordinator, IPR cell on “*IP awareness and theme of the year – Critical role of small and medium sized enterprises*”. The event was started at 11:00AM. About 95 faculties, researchers, staff, and students of various universities/ institutes attended the event.

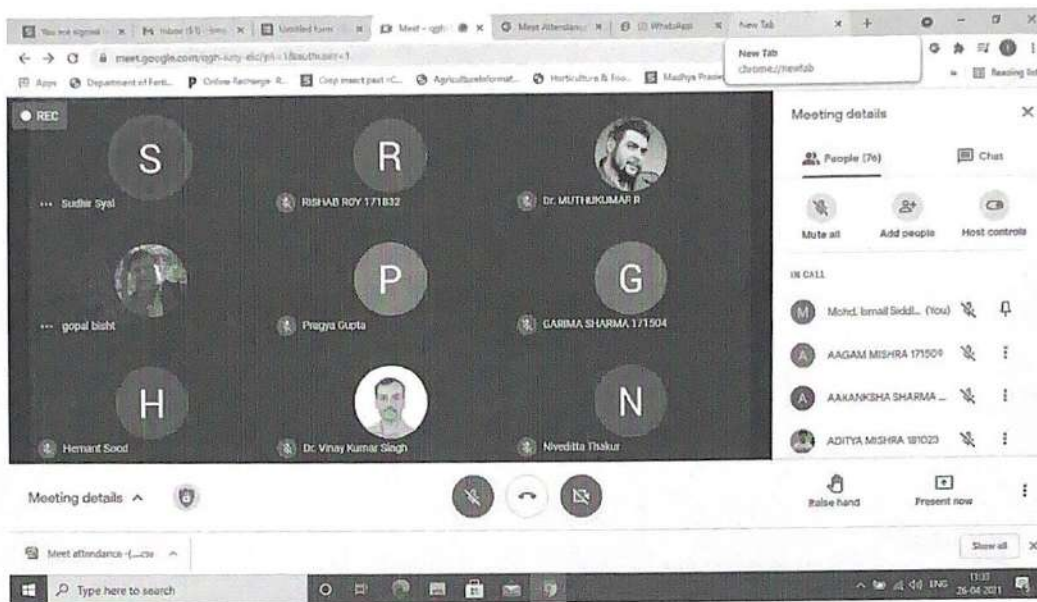
Prof. Kumar explained the

1. Need of protection of IP assets
2. Understanding the benefits of IP
3. Procedures of identifying, protecting and managing IP
4. Auditing the IP assets and carrying out IP valuation
5. Decision on IPs for entering to foreign markets.

He explained the concept of patents, copyrights, trademarks, industrial designs, and geographical indications through significant questions associated with these IPs. He further highlighted the need to decipher inventiveness in research projects, art work, and designs. The technology transfer to industry as exclusive rights to a process, technology in public domain, joint patents, and commercialization of patent aspects were also discussed. Students were motivated to initiate the dialogue with the IP experts, mentors, and faculty to file IPs.

Mr. Ismail Siddiqui – Lab. Engineer of BT and BI department thankfully helped in modulating the online session including participants’ questions and technical aspects. The IP Team of JUIT (Dr. Sudhir, Dr. Shruti, Dr. Hemraj) 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.

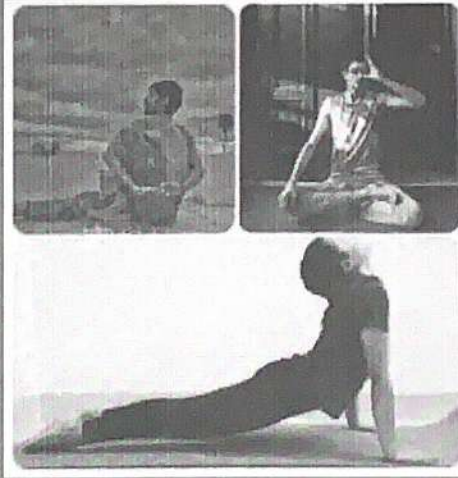
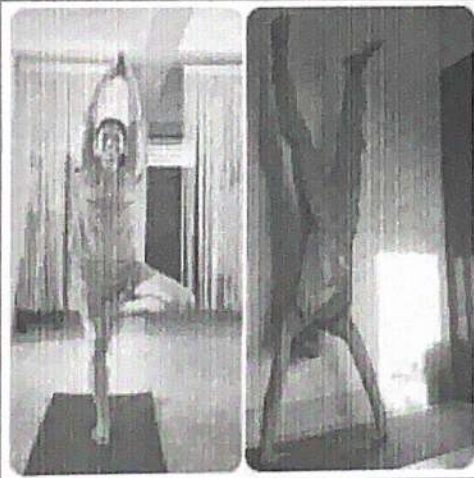


Sports Club

INTERNATIONAL YOGA DAY

June 21, 2021

Yoga embodies unity of mind and body; thought and action; restraint and fulfillment; harmony between human and nature; a holistic approach to health and well-being. The numerous benefits of Yoga make it a popular practice for people across the globe, especially in times of a pandemic when mental and physical health is under stress. The International Yoga Day was celebrated on 21st June by the students of Jaypee University of Information Technology in virtual mode to usher in peace, harmony, happiness, and success to every soul in the world. Students shared their experiences and showcased their favorite asanas by sending photographs from their homes. Jaypee Youth Club encouraged the students to develop the habit of yoga that will help students achieve a better life, physically, mentally, and spiritually as well. The club faculty coordinators Mr. Munish Sood and Dr. Rishi Rana along with Student coordinators Parth Bali, Sanya Kanwar and Vidit Jindal coordinated this event.



SYNAPSE Club
INCIPERE 2021
 March 27, 2021

The SYNAPSE club of department of Biotechnology and Bioinformatics has changed its office bearers in the Incipere, an annual event of the Club. With its inception in 2004, the Team Synapse has always started its tenure with Incipere, the first annual event for the department, which marks the beginning of a new session with the welcoming of a new team and the farewell of the old one. Although, the year 2020 had been very different from all others, with the ongoing global pandemic of COVID-19, this yearly celebration had been delayed. But 2021 made sure to make up for the lost time, with Incipere-2021 being held on March 27, 2021. More than 100 participants attended the event on the Google Meet platform.

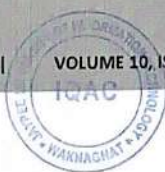
The event was marked by the presence of esteemed faculties of JUIT, including the Dean of Academics, Prof. (Dr.) Samir Dev Gupta, Head of Department of Biotechnology and Bioinformatics, Prof. (Dr.) Sudhir Kumar, and various other faculty members and faculty coordinators of Synapse, Dr. Hemant Sood and Dr. Tiratha Raj Singh.



SYNAPSE (Student Coordinators 2021)

PRESIDENT	Janki Insan
GENERAL SECRETARY	Simran Gohan
TREASURER	Dron Solanki
COORDINATORS	
Events & Technical	Harshita Amritansh Rai
Arts & Literary	Soumya Jain Sarita Vatwani Harshita Shringi
Outreach, Career & Alumni	Rhea Singh Smriti Gaba Ajay Kumar

The Bio-Quiz conducted, had everyone thinking on their feet with various science parody songs on various subjects as glycolysis and evolution and also some quite interesting yet funny illustrations and doodles of many biotechnological aspects the students have studied and are studying. A short video of the Team Synapse played next to sum up the activities conducted by the club and its role in the department.

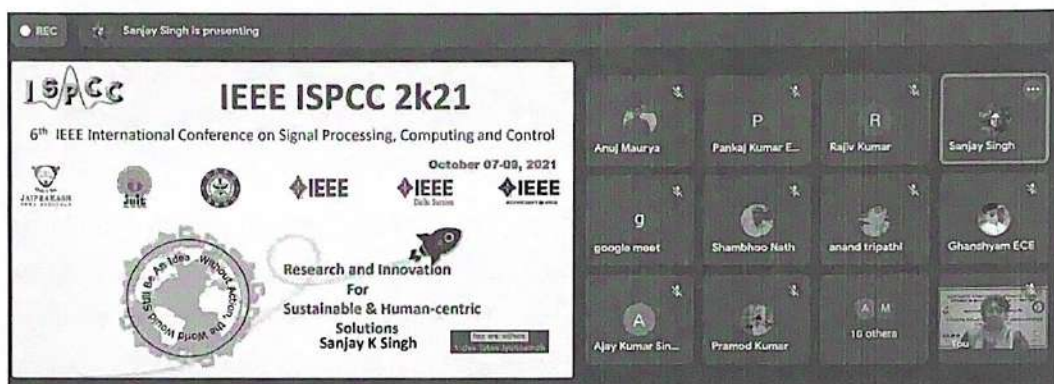


Mr. Sanjay Singh, Project manager - Senior DevOps, Lead - mobility solutions, Infosys Limited, Ipswich, UK, connected with JUIT and delivered an Expert Lecture

“Research and Innovation for sustainable and human centered solutions”

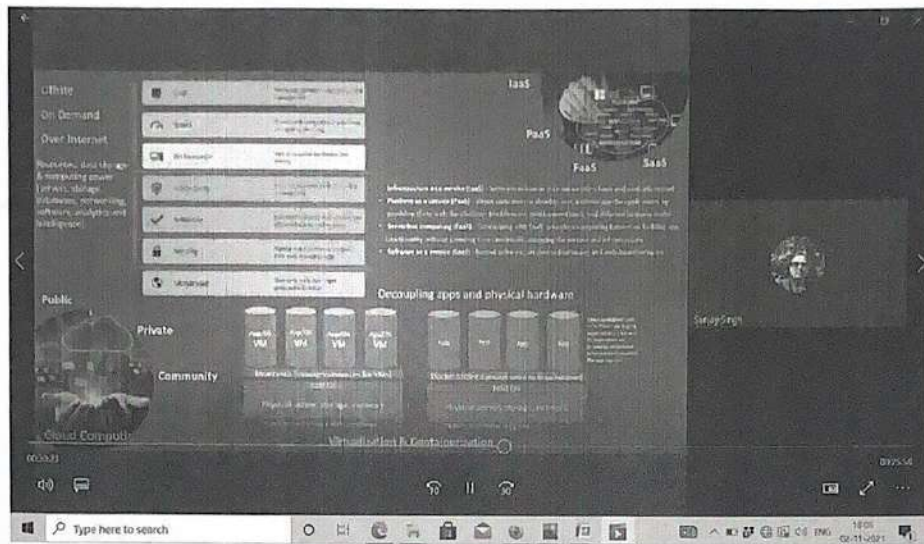
On

Oct 09, 2021



Sanjay (Sanjay Kumar Singh) is a proud JUIT Alumni and has distinction of being called the very FIRST batch of JUIT, Wagnaghat. He completed his B. Tech in Electronics and Communication Engineering. He is an accomplished technology leader with more than 14 years of telecom domain experience and is working as a Project Manager with Infosys Limited. Driving DevOps team to accomplish transformation in Mobility Solutions and apps rollout strategies. He currently works out of Ipswich in UK and is working with UK's largest Telecom Operator, British Telecom. He specializes in driving system improvement, Operations and transformations in the field of workforce management for provisioning and assurance. The project develops iOS and Windows based apps aimed at making the life of Openreach and RoBT engineers comfortable and efficient.





He delivered his talk on 9th October 2021. Being at the forefront of technology he was able to present his first hand knowledge of the problems faced by the humans at different levels and the catered solutions to individual's requirements. He emphasized the importance of cloud computing and innovations going on in that technology.

Coordinators: Dr. Rajiv Kumar, Dr. Shruti Jain, Dr. Harsh Sohal



**Dr. Seshadri Sastry Head Scientist, Third Presence, Andhra Pradesh, India
connected JUIT virtually and delivered an Expert Lecture**

“Artificial Intelligence for Industry”

On

Oct 09, 2021

Jaypee University of Information Technology
Department of Electronics & Communication Engineering
6th International Conference on Signal Processing,
Computing and Control (ISPC 2k21)

JUIT

Keynote Speaker



Dr. Seshadri Sastry Kunapuli
Head scientist
Third Presence
Andhra Pradesh, India

*Date: 9th Oct, 2021, Time: 11:30 - 12:30 IST
Medium: GoogleMeet*

Dr. Seshadri Sastry is presently working as Head Scientist in Third presence. He develops models involving advanced algorithms to solve problems of large dimensionality in a computationally efficient and statistically effective manner. Dr.Seshadri completed B.E(Electronics and Communication Engineering), M.Tech in VLSI design, and Ph.D. in Computer Science and Systems ENGINEERING. He completed one-year post-Doctoral research under Prometeo Fellowship in Instituto Espacial Ecuatoriano, Quito, South America. After his



PostDoc research, Dr.Seshadri worked as a Consultant Data Scientist in GoEventz, Gurgoan, and Lead Scientist (Artificial Intelligence) in Xvidia Technologies, Gurgoan. Dr. Seshadri Sastry is experienced in designing, developing & implementing analytical techniques on large, complex, structured & unstructured data sets (including Big Data) to facilitate clients in taking decisions



He delivered a keynote speech to the audience on 9th October, 2021 at 11:30 am to 12:30 am to more than 100 participants including B. Tech, M. Tech and PhD students. He shared his knowledge of the evolution of the artificial intelligence industry and also put in light the future directions the industry is moving in. Participants carefully listened to his address and also came forward with their queries and discussions.

Coordinators: Dr. Rajiv Kumar, Dr. Shruti Jain, Dr. Harsh Sohal

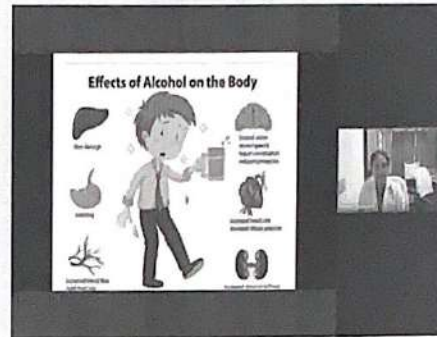


FIT INDIA CAMPAIGN CLUB, JUIT

TALK ON SMOKING, DRUGS AND ALCOHOL

September 25, 2021

A webinar on "The Perils of Smoking, Drugs and Alcohol" was conducted on 25th September 2021 w.e.f. 11:30AM to 01:00PM to educate all are regarding ill effects of smoking, drugs and alcohol. Dr. Bharti Jaswal (Chief Medical Officer), Medical Center, JUIT, Wagnaghat, Solan spoke on the topic. There were a lot of queries by the attendees which were nicely clarified by Dr Bharti Jaswal at the end of the session. The whole session was very interesting as could be inferred from duration of the session which lasted for more than one and half hours and from the number of queries at the end of the session.



FIT INDIA CAMPAIGN CLUB, JUIT

FIT INDIA FREEDOM RUN

September 25, 2021

The Fit India Freedom run was organized by Sports Club & Fit India Campaign Club of JUIT on 25th September, 2021 (Saturday) at 6:45 AM. More than 20 participants assembled at the designated site and participated in the event. The track run was approximately 2.0 Kms. The track was **STARTING POINT---Jaypee University main gate---Parmar hostel---SOR---Civil Department---return from Mini Football Ground---on same track--FINISHING POINT---Vivekananda Statue.**



**Dr. Piotr Cholda, Associate Professor, Institute of Telecommunications, AGH
University of Science and Technology, Al. Mickiewicza 30, 30-059 Krakow,
Poland, connected with JUIT and delivered an Expert Lecture**
***“Machine Learning in Communication Networks- Applying neural networks to
traffic prediction and control”***

**On
Oct 07, 2021**



Jaypee University of Information Technology
Department of Electronics & Communication Engineering
6th International Conference on Signal Processing,
Computing and Control (ISPCC 2k21)

 *Keynote Speaker*



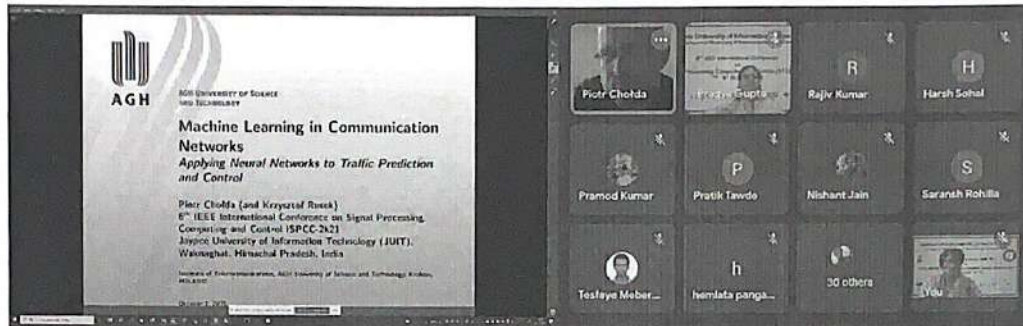
Dr. Piotr Cholda
Associate Professor, Institute of
Telecommunications
AGH University of Science and Technology
Poland

*Date: 7th Oct, 2021, Time: 14:30 - 15:30 IST
Medium: GoogleMeet*

Prof. Piotr Chołda obtained a doctorate in Telecommunications in 2006 from AGH University of Science and Technology. Then, he joined the Department of Telecommunications there. He specializes in design of communications networks; recently he has focused on risk-based



networking and management optimization. He has guided more than 25 masters' theses and several bachelors engineering project.



He delivered his keynote address to the participants of ISPC 2k21 and was very well received all. He emphasized that although there might be few takes for communication engineering hardware courses but communication protocols etc. are still there but have only moved into the shadow of programmable systems. He gave his address on the topic, "Machine Learning in Communication Networks- Applying neural networks to traffic prediction and control" at 2:30 pm on October 07, 2021. He clarified to the participants that machine learning is going to control our life for decades to come or may centuries to come and is not going to go away.

Coordinators: Dr. Rajiv Kumar, Dr. Shruti Jain, Dr. Harsh Sohal



Stay
Connected!

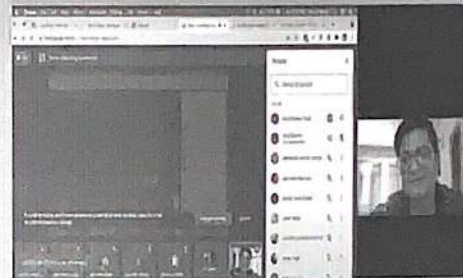
Alumni Cell webinar

A TALK BY MR. ANUJ SHARMA

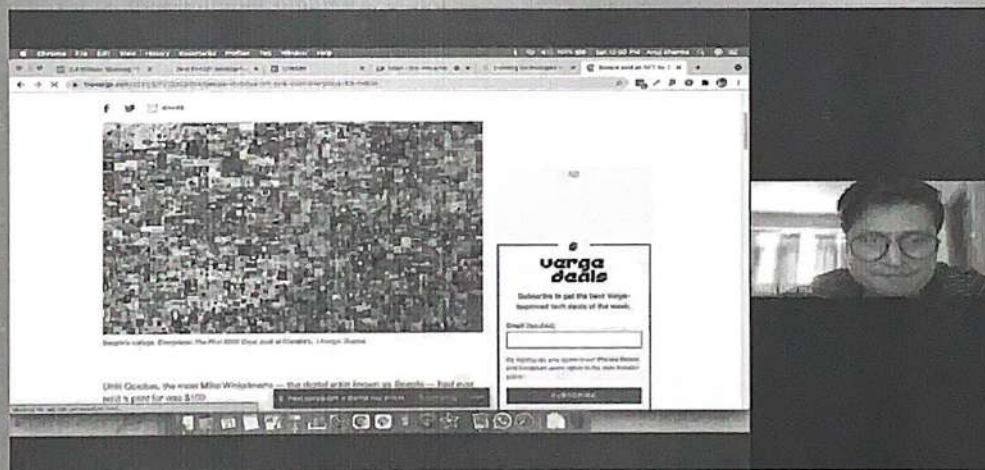
August 21, 2021

The JUIT Alumni Cell organized a webinar by Mr. Anuj Sharma, an alumnus of the 2015 batch, on the topic "Technologies that Industry is drooling over post COVID". Mr. Anuj Sharma, Founder of the Himalayan Company is a TEDx speaker who offers his expertise in his field. Award winning entrepreneur Mr. Anuj Sharma's 'Local Guide' has proven to be a valuable travel resource for many tourists. The event took place virtually on 21st August 2021 at 12 noon on the Google Meet platform with over 70+ participants.

He highlighted the possibilities of Web technology, which is utilized by many individuals not just for learning purposes, but also by about 20% of people to display their ability and expression via their creations. He also provided an overview of Artificial Intelligence, which is widely used by all machinery when making a judgment on its own. He stated that blockchain has caused a paradigmatic change in the market since it is the foundation on which the popular cryptocurrency is based, but it is also being used to develop smart contracts, and many major economic transactions are securely completed



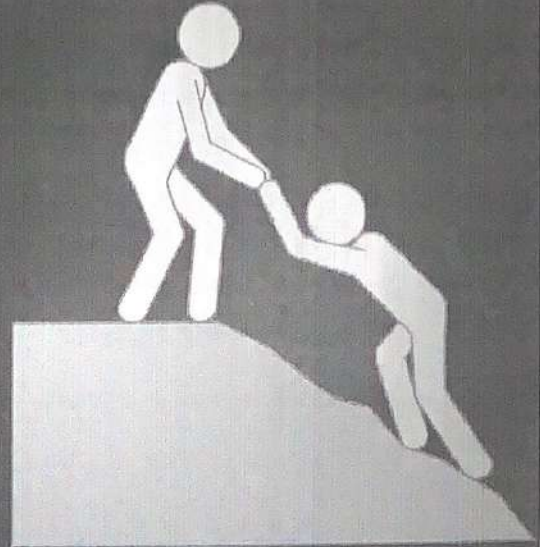
with the help of blockchain. He explains how FinTech has brought about change since many individuals are interested in the equity markets. He also addressed that NFT (Non-Fungible Technology) has created a future market. The webinar was then followed up by an interactive session with the students regarding marketing strategies, company development, time management, monetary management, capital building, and how to reach out to people after starting a business or firm. The webinar ended with a few kind words by Dr. Saurabh Bansal, Faculty In Charge JUIT Alumni Cell, followed by a vote of thanks to the speaker on behalf of the JUIT Alumni Cell.



Alumni Cell

ALUMNI TALK BY MR. SANDEEP RAJAORIYA

October 23, 2021



JUIT Alumni Cell (JAC) organized a talk by Mr. Sandeep Rajoriya, an alumnus of the 2015 batch who recently cleared UPSC with AIR - 290 in UPSC CSE 2020 and was felicitated by the Chief Minister and the Education Minister of Madhya Pradesh for his achievement. The event took place virtually on 23 October 2021, at 11 a.m. on the Google Meet platform.

He explained how University became a turning point in his life. He taught about clarity of thoughts and how one has to be alive and clear about their thoughts. He explained how a multidimensional attitude towards your goals is important and being an engineer, one should have technical skills and incorporate social skills.

He faced many failures during his preparations and told the students about the importance of luck which plays after their hard work. He then gave tips to students on how they can overcome these failures and encouraged them to push their boundaries to achieve the best. The event was made even more fun and interesting when the audience was interacting with Mr. Sandeep. He answered all the queries with full enthusiasm. In the end, he thanked the faculty members and the JAC Team for inviting him to address the students and share his journey. Dr. Saurabh Bansal also thanked the organizing team for their efforts.





Kaushal Kumar <kaushal.kumar@juitsolan.in>

Pratyarpan: A talk by Dr. Arpit Goyal (2010 - 14 Batch, CE)

Rohan Singhal <rohan.singhal@juitsolan.in>

21 October 2021 at 10:53

To: "Civil Engineering (CE71)" <ce71@juitsolan.in>, "Civil Engineering (CE72)" <ce72@juitsolan.in>, "Civil Engineering (CE51)" <ce51@juitsolan.in>, "Civil Engineering (CE52)" <ce52@juitsolan.in>, "Civil Engineering (CE31)" <ce31@juitsolan.in>, "Civil Engineering (CE11)" <ce11@juitsolan.in>, "Civil Engineering (CE12)" <ce12@juitsolan.in>, "M.Tech. in CE - Structural Engineering (SE11)" <se11@juitsolan.in>, "M.Tech. in Structural Engineering (SE31)" <se31m@juitsolan.in>, "M.Tech. in CE - Construction Management (CM31)" <cm31@juitsolan.in>
Cc: All_faculty_civil <all_faculty_civil@juitsolan.in>, Ashish Kumar <ashish.fce@juitsolan.in>, "Ashok K. Gupta" <ashok.gupta@juitsolan.in>

Dear students


Civil Engineering Department, JUIT is organizing an interactive session with one of its distinguished alumni, **Dr. Arpit Goyal (class of 2014, CE)**. You are cordially invited to join the session scheduled on **23 October 2021 at 2:15 pm**.

The purpose of this lecture is to make you aware of the various **"Prospects of Higher Studies in Civil Engineering"**. Besides, it will *establish an excellent alumni network* that is going to help all of us in our future endeavors. Students are advised to come prepared with their questions and interact with Dr. Goyal. Please refer to the attached flyer for further details.

Google meet link: meet.google.com/gpe-ngpa-qvs

Best

Rohan Singhal
Assistant Professor
(Coordinator - Alumni Affairs, CE)
JUIT Waknaghat, H.P.
9873939059, 01792 239525

 Pratyarpan - Dr. Arpit goyal.pdf
406K



REPORT

pratyarpan

Prospects of Higher Studies in Civil Engineering

The Department of Civil Engineering, Jaypee University of Information Technology organized an online interactive session on *Prospects of Higher Studies in Civil Engineering*. The talk was delivered by Dr. Arpit Goyal on 23 October 2021. Dr. Goyal is a distinguished alumnus of the Department of Civil Engineering, JUIT from Class of 2014. Before joining CSIR – CBRI Roorkee as a Quick Hire Scientist, he has worked with AIMIL. He completed his doctoral and post-doctoral research from Coventry University, England. He is currently working as Assistant Professor in Thapar Institute, Patiala.

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 a strong alumni network. He motivated the students to stay connected with the University and help the upcoming students with the challenges that they face in their lives.

The event was coordinated by Mr. Rohan Singhal, Assistant Professors, Department of Civil Engineering, JUIT Waknaghat. Dr. Goyal discussed about various career prospects that one can adopt after a degree in Civil Engineering. The options broadly included GATE, Engineering Services, Civil Services, Masters', Research and Development, Jobs in Corporate Sector, Jobs in PSUs, Higher studies in Foreign Universities, BARC, L&T Build India Scholarship, and MBA. An overwhelming response was received from the final year and pre-final year students with more than 100 registrations for the event. All the attendees took active part in discussions. The event was well appreciated by the participants as highlighted by the positive feedback.



Event Banner:



pratyarpan

A talk by Dr. Arpit Goyal

on

"Prospects of Higher Studies in Civil Engineering"

A brief bio:

Dr. Goyal is a distinguished alumnus of JUIT's Civil Engineering Department from Class of 2014. Before joining CSIR - CBRI Roorkee as a Quick Hire Scientist, he has worked with AIMIL. He completed his doctoral and post-doctoral research from Coventry University, England. He is currently working as Assistant Professor in Thapar Institute, Patiala.



**23 Oct. 2021 (Saturday)
2:15 pm to 3:30 pm**



List of Students Participated in Pratyarpan 23-10-2021

1	181636	Suksham Sharma	B.Tech Final
2	191009	Ronit Mahajan	B.Tech Final
3	191437	Shivankar Partap Singh Guleria	B.Tech Final
4	191601	Shubham Sharma	B.Tech Final
5	191602	Ayush Thakur	B.Tech Final
6	191603	Nischay Thakur	B.Tech Final
7	191604	Deepak Thakur	B.Tech Final
8	191605	Harish Singh Kanwar	B.Tech Final
9	191606	Avinash	B.Tech Final
10	191607	Naman Bhardwaj	B.Tech Final
11	191608	Sumit Chahar	B.Tech Final
12	191609	Hardik Dhillon	B.Tech Final
13	191610	Rijul Thakur	B.Tech Final
14	191612	Paras Jaswal	B.Tech Final
15	191613	Ujjwal Sharma	B.Tech Final
16	191614	Akhil Janawa	B.Tech Final
17	191615	Manan Sharma	B.Tech Final
18	191616	Arjun Verma	B.Tech Final
19	191617	Astik Prashar	B.Tech Final
20	191618	Manish	B.Tech Final
21	191620	Lakshay Sharma	B.Tech Final
22	191621	Aryan Singh	B.Tech Final
23	191622	Apoorav Bedi	B.Tech Final
24	191624	Devendra Ahlay	B.Tech Final
25	191625	Jeewan Biswa	B.Tech Final
26	191626	Karma Choden	B.Tech Final
27	191627	Pem Dorji	B.Tech Final
28	191628	Rada Wangmo	B.Tech Final
29	191629	Tenzin Wangchuk	B.Tech Final
30	191630	Ugyen Phuntsho	B.Tech Final
31	191631	Yeshi Jatsho	B.Tech Final
32	191632	Ujjwal Tyagi	B.Tech Final
33	191633	Vardhan Khajuria	B.Tech Final
34	201601	Paras Sharma	B.Tech Third Year
35	201602	Piyush Chauhan	B.Tech Third Year
36	201603	Karma Yoezer	B.Tech Third Year
37	201604	Phurpa Dorji	B.Tech Third Year
38	201605	Dechen Wangmo	B.Tech Third Year
39	201606	Sonam Pelzom	B.Tech Third Year
40	201609	Pradyumn Sharma	B.Tech Third Year
41	201612	Jitender Verma	B.Tech Third Year



42	201614	Shashwat Nandan Sharma	B.Tech Third Year
43	201615	Neeeyati 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 st Sem
64	212652	Ayush	M.Tech Struct. 1 st Sem
65	212653	Nikhil Gupta	M.Tech Struct. 1 st Sem
66	212654	Manish	M.Tech Struct. 1 st Sem
67	212655	Digvijay Singh	M.Tech Struct. 1 st 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

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 banner features the logos of HIMCOSTE, Jaypee University of Information Technology, and JUIT. The text on the banner reads: '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)'. A table below provides the event details: Date (30th Oct. 2021), Time (12:00 Noon (IST)), and Medium (GoogleMeet). The meet link is [meet link : meet.google.com/rqi-fsky-wuz](https://meet.google.com/rqi-fsky-wuz).

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

meet link : meet.google.com/rqi-fsky-wuz

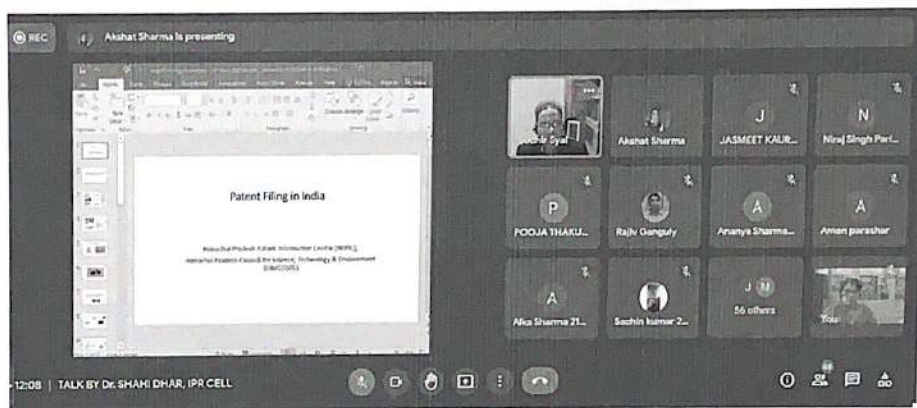
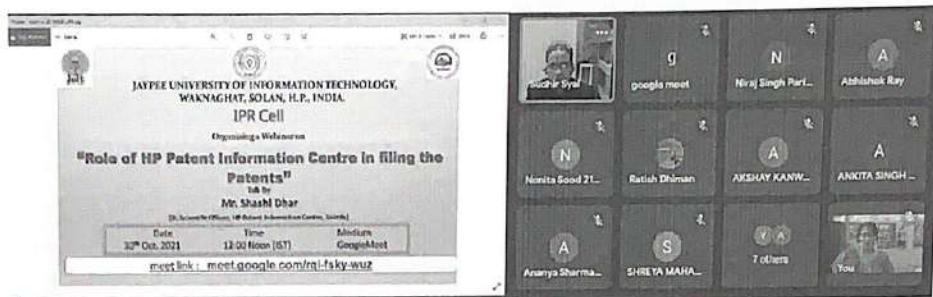
Awareness about Patent filling is important for faculty members as they are engaged in intellectual and creative activities in their respective research domains.

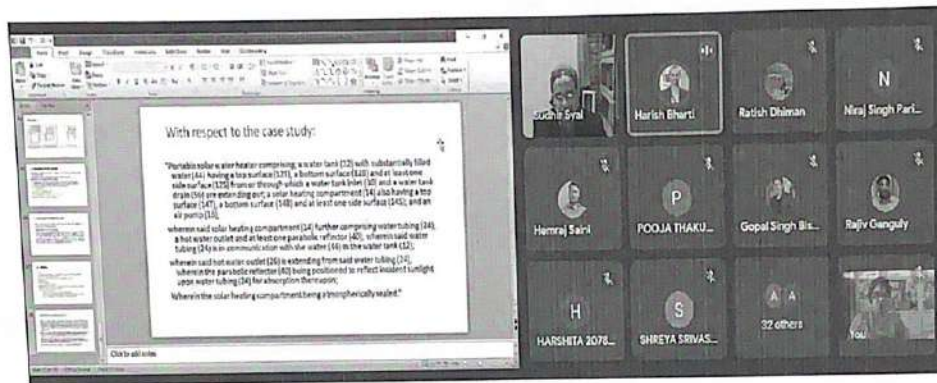
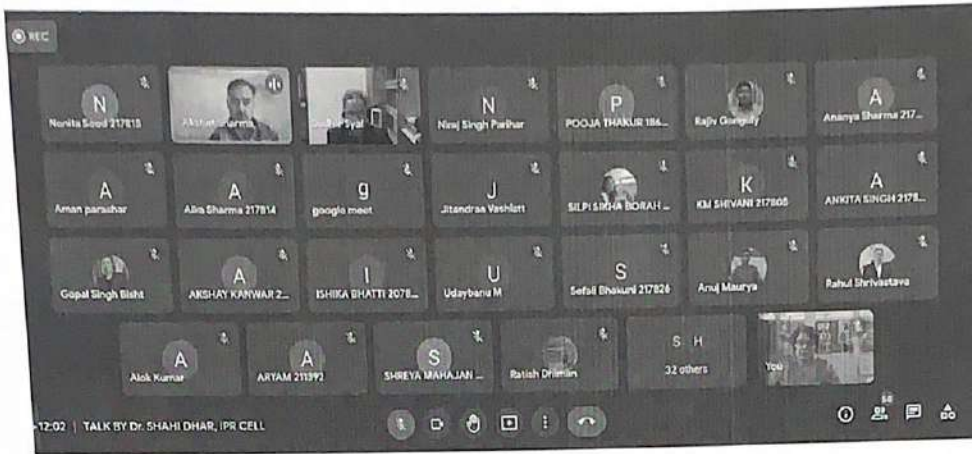
IPR cell, JUIT Wahnaghat organized a webinar on October 30, 2021. A webinar was conducted by *Mr. Shashi Dhar (invited speaker), Sr. Scientific Officer, HP Patent Information Centre, Shimla* delivered his talk on “*Role of HP Patent Information Centre in filing the Patents*”. The event was started at 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 filing 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 7th November to 11th 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 13th November 2021, three best performers were adjudged winners.

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



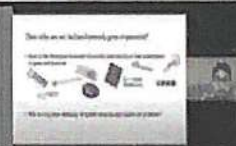
WOMEN IN INNOVATION AND ENGINEERING

Submission Date: 7th-11th November
Submit at: <https://forms.gle/CgYs1zE5Q8da8DPH7>
Result Declaration: 13th November

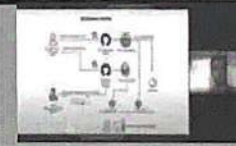
 [ieeejuit](#)
 ieeejuit.co.in

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: 20th November 2021



EXPERT: Mr. Satyam Kapoor, Cloud Infrastructure Engineer, Sitecore, Belgium
TOPIC: Containersation & DevOps Practices for Bioinformaticians
DATE: 18th 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 <sportsclub.juit@juitsolan.in>

Trekking Instructions

1 message

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

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" <vc@juitsolan.in>, 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**

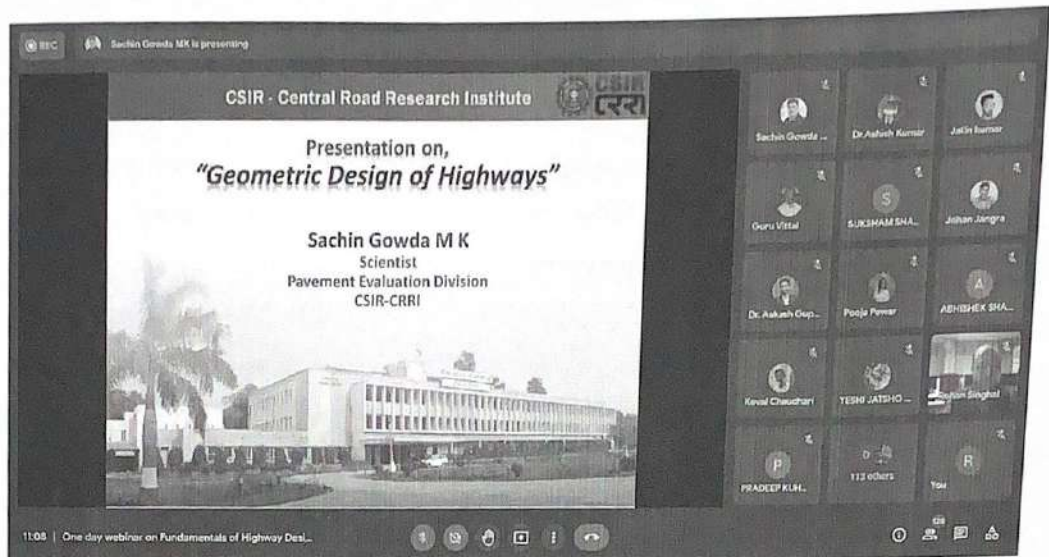
The Department of Civil engineering, Jaypee University of Information Technology, Wagnaghat organized a one-day Webinar on “Fundamentals of Highway Design”. The event was inaugurated by Prof. Dr. Ashish Kumar, Head of Department, Civil Engineering, JUIT Wagnaghat. He welcomed all the participants and 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 Wagnaghat. 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 Wagnaghat. 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:



Dr. Aakash Gupta is presenting

CSIR-Central Road Research Institute

Functional and Structural Evaluation of Flexible Pavement

Dr. Aakash Gupta,
Scientist
Pavement Evaluation Division
CSIR-Central Road Research Institute
New Delhi-110002

Dr. Aakash Gupta	Rohan Singh	V N Tharati CEP...
Anoop Katar	Poornima	training place...
training place...	MANOJ KUMA...	Amardeep Chivl
Sugil Tarte	Runkh Mondl	Thabibul Khan
Priya Hirawa	to others	You

14:19 | One day webinar on Fundamentals of Highway Desi...

REC

D Dhruv Gupta	Saurabh Goyal	m	Dr. Aakash Kumar	R Rohan Singh	Johan Jangra	Ankit Bora	Mahil Chaudhary	Dr. Aakash Gupta	Poornima
V Vishal Mahaveer	A ABHINAV SMAR...	K Kunal Chaudhary	G Guru Vittal	D Dr. VIDYA R	F Faisal Robin	M M OUBISAMY	S SAJAL YISMA L	C Chineta Kumar	b bahare subhash
S Sourav Chaudhary	T Tareef Aam	J Jayant Kuchipudi	R Rohit Kumar	D DEVENDRA AML...	A AMISH KARTIK L...	Y Yatin Chaudhary	A Ansh Tharati	L Latha C	A ASHAY SHARMA...
P PARAS JASWAL	S SHEKHAR SHAR...	A ALAY Kumar	S SUKSHAM SHAR...	R RISHI MANAJA...	M MANOJ KUMAR...	J Jay Kapadia	B Bhishk Osh	A Aravindhan Arba...	R Rishi Rana
P Priya Hirawa	S Sugil Tarte	R Runkh Mondl	S Saurabh Kumar	A ASHAY KANNAR...	A ANANAY SAMBL...	A Arun Kumar	Ultras Gupta has ended a trans Open queue X		

11:04 | One day webinar on Fundamentals of Highway Desi...



4/28/22, 9:56 AM

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



RAGHAV KUMAR <raghav.kumar@juitsolan.in>

FIT INDIA - 10000 STEPS WALKATHON

1 message

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.



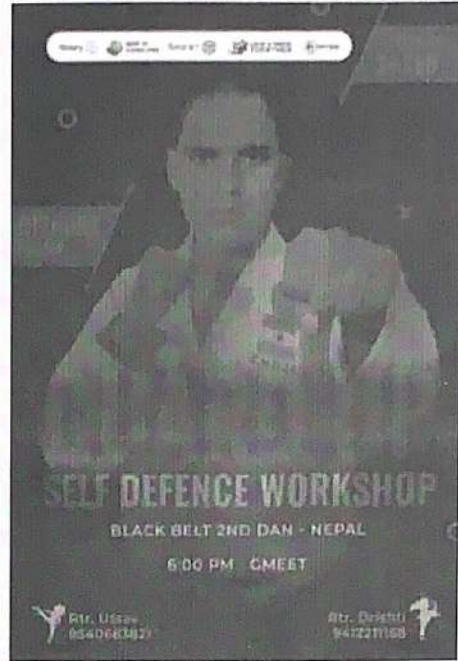
Virtual self-defence workshop

GUARD UP

February 14, 2022

Rotaract club of Wagnaghat 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 13th May 2021. In 2022, under 4th 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





Inter Open Billing Council



Amith m.c. is presenting

Agenda

- 1. Item 1
- 2. Item 2
- 3. Item 3

Amith m.c. (Presenting)

97 others

You

People

- Mute all
- Add people
- Host controls

Name	Mute	More
Vijender Thakur	[Mute]	[More]
VIKRAMBHAI SOLANKI	[Mute]	[More]
VinothKumar K.S_3054	[Mute]	[More]
Yaduk	[Mute]	[More]
Yogesh Sik	[Mute]	[More]
yogje patle	[Mute]	[More]
Yukti Yadav	[Mute]	[More]

11:11 | qwz-ebga-hzx

Type here to search

13°C Party sunny

11:11 22-01-2022

Amith m.c. is presenting

Agenda

- 1. Item 1
- 2. Item 2
- 3. Item 3

Amith m.c. (Presenting)

97 others

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yogje patle	[Mute]	[More]
Yukti Yadav	[Mute]	[More]

11:11 | qwz-ebga-hzx

Type here to search

13°C Party sunny

11:11 22-01-2022





Indian Green Building Council



World Green Building Council

Meet - qwz-ebga-hzx

meet.google.com/qwz-ebga-hzx?pli=1

REC 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

© Celebrations of Indian Railway

97 others

People

Mute all Add people Host controls

- Vjender Thakur
- VIKRAMSHAI SOLANKI
- Vinod Kumar K S_3054
- Yaduk
- Yogesh SIK
- yogik patel
- Yukti Yadav

11:12 | qwz-ebga-hzx

Type here to search

13°C Partly sunny 1745 11:12 25/07/2022

REC 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-roadways
 - Facilities for construction workers
- Efforts to address the challenges through the IGBC rating systems
 - Local Building Regulations
 - Heat Island Index Intensity Control
 - Multi-directional slip
 - Minimal Footprint
 - Building in with nature
 - Enhanced Greenery
 - Heat Island Effect
 - Heat with heat on heat
 - Vertical Green
 - Outdoor Light Pollution
 - Differently placed design

92 others

qwz-ebga-hzx





Meet attendance sheet

Amith m.c is presenting

11:37 | qwz-ebga-hzx

13°C Parly sunny

REC

Ashish Kumar	Amith m.c	Suraj Yadav	Dr. Sameer Vyas	Shobha Pathak	Divakar L	Shoja Gupta	rama garg
behara subhash	NITISH KUMAR ...	SURAJ Singh	RAAMBALAGH ...	Akki Sumitha	Abdul rasheed	Yogesh Sikk	Mridul Pathania
Karthikayan M...	mahindra loth...	KARAN PRAJA...	Ankita Dadhe	Hiral Patel	Thohidul Khan	Praveen Pareta	Nandhini.G_30...
Himanshu	Monali Kariye	Puneet Baghel	Avni Mahla	Narasingha Ac...	Dr. VENKATASU...	vaishali sahu	Rajesh Sahu
Yadu k	Anil Kumar Cho...	Hemant Sood	18. 004. Ramku...	SHIVANKAR PA...	AMIR ALI KHAN	YISHOJIT SEN	55 others

qwz-ebga-hzx



4/28/22, 10:01 AM

Jaypee University of Information Technology Mail - 750 MILLION SURYA NAMASKAR ON AMRIT MAHOTSAV CELEBRATION



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

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

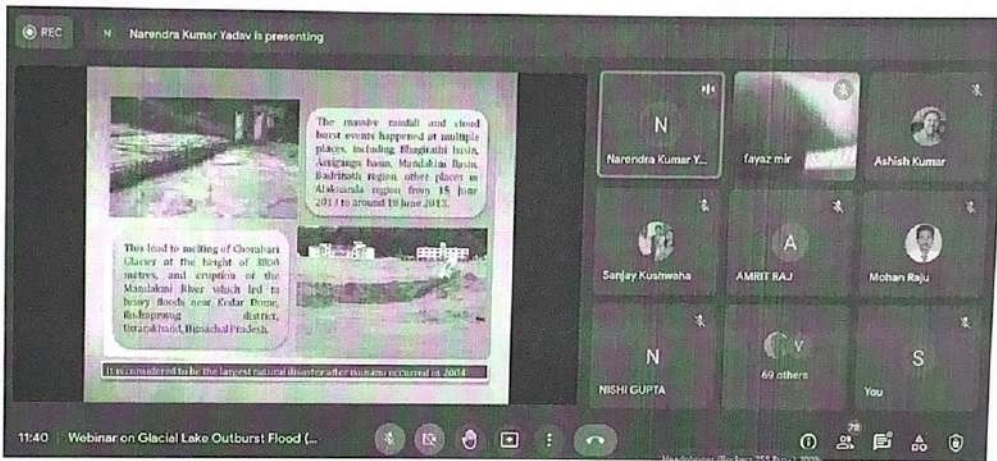
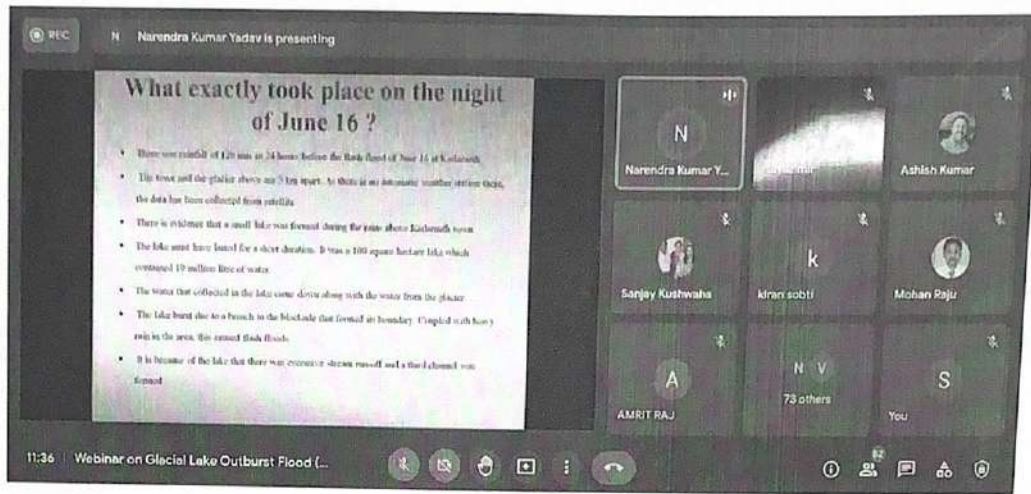
Glacial Lake Outburst Flood (GLOF): An Insight

The Centre of Excellence in Structural Engineering and Disaster Management (CESEDM) at Jaypee University of Information Technology, Waknaghat 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 Waknaghat. 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 partitioners 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 Waknaghat. 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, IEST 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 Waknaghat. 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 syphon technique (HST)

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

Participants: Narendra Kumar Y..., Ashish Kumar, Sanjay Kushwaha, Mohan Raju, Manoranjon 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 GLOF's, 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 Shakho Chho Glacial Lake, North Sikkim.
- The near-real time sensors transmit data through INSAT satellite to control centre at Gangtok (SSCSI)
- 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..., Sanjay Kushwaha, Mohan Raju, Manoranjon Paul, NISHI GUPTA, 59 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:
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- The flood simulation model runs the simulation for various GLOF scenarios. The model is capable of providing Flood Simulation, Inundation information and Flood Arrival Time, in the event of a glacier lake 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 12:08
How tunnel it 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...



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 5th June 2022.





UNNAT BHARAT ABHYIAN



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

Unnat Bharat Abhiyan JUIT Wanknaghat 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

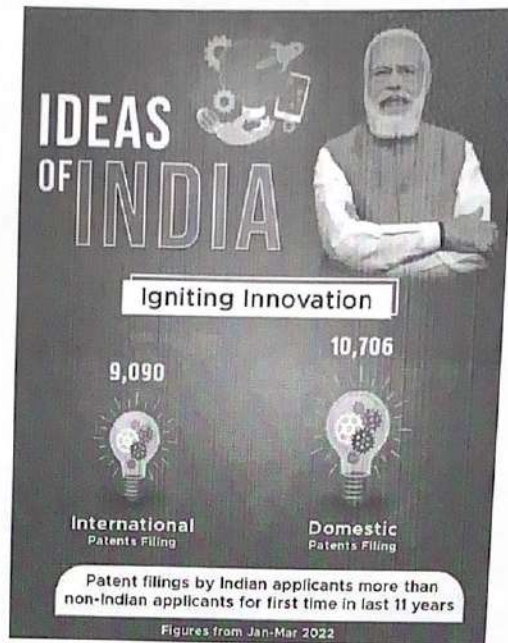
“WORLD IPR DAY” Celebration with theme “IGNITING INNOVATION”

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 27th 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, Wagnaghat. 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 Wagnaghat also addressed the students and motivated them for their prosperous future.

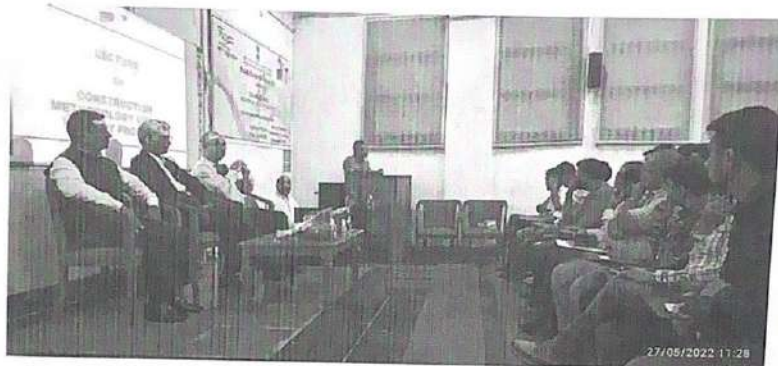
Sh. Basit, lecture emphasised on the construction techniques and use of innovated ways to deal with problems faced at the sites. He stressed about need of good civil engineers in the country. He emphasized that Civil Engineering students need to focus more on basics and rely on their common sense to 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 27th 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>

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

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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. 3rd and 4th 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: 27th 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 [3rd Year - 21, 4th 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 Kaithlighat 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.**





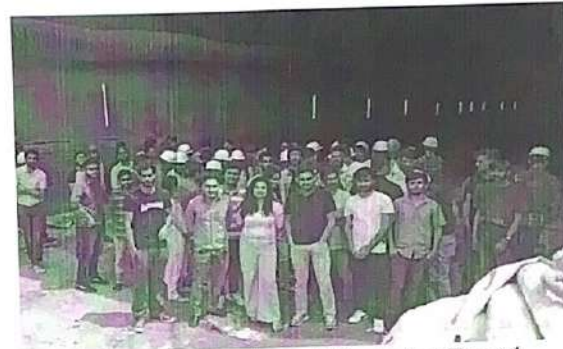
JUIT Students inside Kandaghat site Tunnel



NHAI officials Briefing JUIT Students



Q&A session between Ahref's Engineers



4th 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	Yeshi Jatsho	B.Tech 4th year	Yeshi
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</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

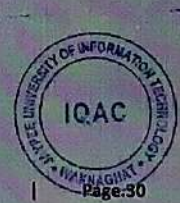
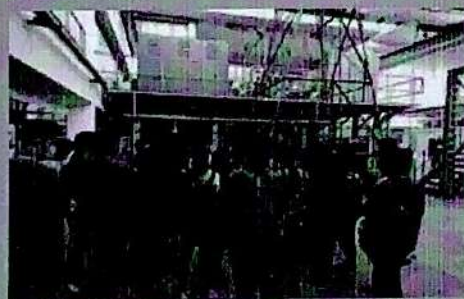
May 05, 2022

An academic visit was carried out to Institute of Microbial Technology (IMTECH), Chandigarh on 5th 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 12th 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, JIIT, Noida, and Department of Biotechnology and Bioinformatics, JUIT jointly organized a workshop on "Environment and Sustainability". The workshop was scheduled on June 9th, 2022, at Aryabhata Bhavan III (JIIT) and Board Room (JUIT). Dr. Garlapati Vijay Kumar served as the coordinator for the workshop for JUIT and Dr. Indira was coordinator from JIIT. The program was started with the welcome speech by Prof. S.C. Saxena (Pro-Chancellor, JIIT), followed by Prof. B.R. Mehta (Director, DIRD, JIIT), Prof. Pammi Gauba (HOD, BT, JIIT) 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 (JUIT), Dr. A.Mathur (JIIT), 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, JIIT) and Prof. Sudhir Kumar (HOD, BT & BI, JUIT) for possible research collaborations between sister institutions (JUIT & JIIT). 50 participants, including Faculty Members (JUIT & JIIT), Research Scholars (JUIT & JIIT), M.Tech, B.Tech, and M.Sc. students have participated (Offline and Virtual modes) in this workshop.

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

