

A Newsletter of JUIT

# HILLY RAMBLINGS

VOLUME 10 | ISSUE 1 | (JUL – OCT 2020)



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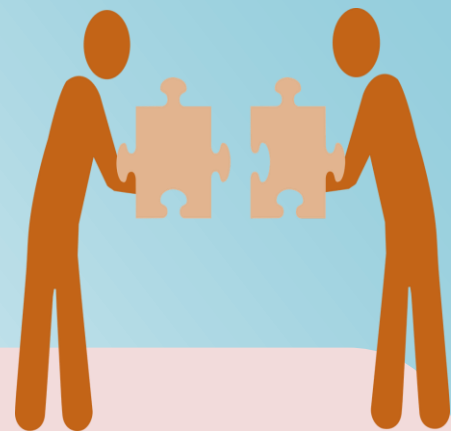


## Jaypee University of Information Technology

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Suggestions and comments may kindly be sent to  
[suresh.kumar@juit.ac.in](mailto:suresh.kumar@juit.ac.in)

## COLLABORATION - MoU SIGNED



### MoU with ICMR supported Centre for Innovation and Bio-Design of PGI, Chandigarh

5 August 2020

Jaypee University of Information Technology (JUIT) has signed a memorandum of understanding (MoU) with the Indian Council of Medical Research (ICMR) supported Centre for Innovation and Bio-Design of PGI, Chandigarh. The Memorandum of Understanding was signed by Vice Chancellor Prof. Vinod Kumar, of Jaypee University of Information Technology, Wagnaghat, HP and Dr. Varinder Garg of ICMR's, Centre for Innovation and Bio-Design of PGI, Chandigarh on August, 05<sup>th</sup>, 2020. The focus of this MoU will be on research and development in the field of medical devices, affordable health care, bio-design and other allied areas. The Centre of Excellence in Healthcare Technologies and Informatics (CEHTI), Department of BT and BI, JUIT will manage the functioning and activities related to this MoU.



### MOU with Minchy's Food Products Industry, Himachal Pradesh

27 August 2020

The JUIT signed a MOU with Minchy's Food Products Industry, Himachal Pradesh (27 August, 2020). Minchy's will provide training/internship in the area of food and beverages. The students will be trained in food biotechnology and will learn the techniques of commercial preparation of fermented products



### MOU with Magbro Healthcare Pvt. Ltd., Solan

28 August 2020

The JUIT signed a MOU with Magbro Healthcare Pvt. Ltd., Solan (28 August, 2020). Magbro deals with healthcare sector and ready to impart Skillful training to our students in their industry. This will help the students to get jobs in the relevant sector.



International Conference on

# TECHNOLOGIES FOR ENVIRONMENTAL SUSTAINABILITY AND SMART AGRICULTURE

in the Centre of Excellence in Sustainable Technologies for Rural Development

18 – 19 September 2020

The Centre of Excellence in Sustainable Technologies for Rural Development (CESTRD), Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology organised a virtual international conference on “Technologies for Environmental Sustainability and Smart Agriculture” during 18 – 19 September 2020. Hon’ble Vice Chancellor, Prof. Vinod Kumar inaugurated the event. About 80 participants from across the globe participated. Prof. R K Sani, South Dakota School of Mines and Technology, spoke about microbial technologies in sustainable development of energy, environment, agriculture, and health. Dr. Gunjan Ghodke from Donguk University, South Korea and Dr. Hasam Kamyab, University of Technology, Malaysia also put forth their views. Rajesh Jalota, Senior Environmental Officer, Department of Environment and Science, Queensland Govt. Brisbane, Australia shared his views on Land rehabilitation - Using common sense and bit of science. An open discussion with eminent speakers and audience on latest research was also held. Dr. Sudhir Kumar was Chairperson and coordinator of this event. Dr. Ashok was convener of this conference along with all the members of CESTRD.

**JUIT**  
Jaypee University of Information Technology

A Virtual International Conference on  
**Technologies for Environmental Sustainability and Smart Agriculture**  
On 18<sup>th</sup> and 19<sup>th</sup> September 2020  
Organised By  
**CENTRE OF EXCELLENCE IN SUSTAINABLE TECHNOLOGIES FOR RURAL DEVELOPMENT [CESTRD]**  
**DEPARTMENT OF BIOTECHNOLOGY AND BIOINFORMATICS**  
At  
**Jaypee University of Information Technology**  
Waknaghat, Solan - INDIA (173234)

**Mission:** The mission of CESTRD is the upliftment of lifestyle and living status of rural people through intervention of JUIT scientists. The sustainable technologies in the area of renewable energy (Solar energy, Hydro-wind energy), landscape designing, crop harvesting technologies, Biogas production, Biofertilizers, plastic waste management and economic activities such as approach to market and government bodies for financial assistance will be made easily understandable for rural people.

**Eminent Speakers**

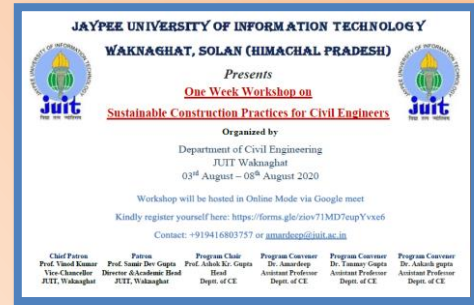
 <b>Dr. Rajesh Jalota</b> Brisbane, Australia	 <b>Dr. RK Sani</b> SDSMT, USA	 <b>Prof. SS Kanwar</b> HPU, Shimla	 <b>Dr. Hesam Kamyab</b> UTM, Malaysia	 <b>Dr. Gaurav Zinta</b> IHBT, Palampur
 <b>Dr. Prasun Kumar</b> South Korea	 <b>Dr. Abuzar Ansari</b> South Korea	 <b>Dr. Gajanan Ghodke</b> South Korea	 <b>Dr. Swati Tyagi</b> IRRI, Varanasi	 <b>Dr. Vivek Dogra</b> IHBT, Palampur

**Thematic Areas**

The thematic areas of this event includes environmental sustainability, interrelationship between economic progress and environmental management, new techniques to increase the productivity of crops and smart agriculture. The emission of greenhouse gases and pollutants in the environment is affecting nutritional balance in plants, quality of product and individual wellbeing. This event will provide the researchers, academicians, environmentalists, and scholars, to get interconnected and share their ideas and knowledge to minimize ecological damage, new techniques for smart agriculture and to mitigate the climate change.

One Week Workshop on  
**SUSTAINABLE CONSTRUCTION  
 PRACTICES FOR CIVIL ENGINEERS**

3 – 8 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), Wanknaghat from 03rd -08th August 2020. Workshop was focused on the sustainable utilization of different waste materials for construction purposes. 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. A total of 100 participants including 50 PWD Engenderers get benefited from the workshop. Following was the schedule of the workshop.

03/08/2020			
10.30 – 11.00 HRS	Inaugural Session		
11.00 – 12.00 HRS	Dr. Abhilash Shukla	Sustainable Construction Practices • Sustainable Concrete Constr.	
12.00 – 14.00 HRS	Dr. Tanmay Gupta	Casting of Concrete Mix-Design Samples	Concrete Lab
04/08/2020			
10.00 – 11.00 HRS	Dr. Abhilash Shukla	Introduction to Sustainable Construction Materials	
11.00 – 12.00 HRS	Dr. Abhilash Shukla	Ultra-High-Performance Concrete	
12.00 – 14.00 HRS	Dr. Tanmay Gupta	Lab testing upon Sustainable Construction Mat	Concrete Lab
05/08/2020			
10.00 – 11.00 HRS	Dr. Amardeep	Utilization of waste material in rigid pavements	
11.00 – 12.00 HRS	Dr. Aakash Gupta	Use of RAP in construction of flexible pavement IRC120:2015	
12.00 – 14.00 HRS	Dr. Aakash Gupta	Lab testing Reclaimed asphalt pavement	Transportation Lab
06/08/2020			
10.00 – 11.00 HRS	Dr. Saurabh Rawat	Reinforced Earth using Sustainable Construction Materials	
11.00 – 12.00 HRS	Dr. Saurabh Rawat & Mr. Pankaj	Pullout Testing for Reinforced earth	GeoTech Lab
12.00 – 14.00 HRS	Mr. Neeraj S Parihar	Soil Stabilization testing • Proctor Test • CBR Testing • Triaxial Test	GeoTech Lab
07/08/2020			
10.00 – 11.00 HRS	Mr. Neeraj S Parihar	Use of Industrial waste in Soil stabilization	
11.00 – 12.00 HRS	Mr. Neeraj S Parihar	Soil Stabilization testing continued	GeoTech Lab
12.00 – 14.00 HRS	Dr. Amardeep Dr. Aakash Gupta	Plastic Waste: Overview • Utilization of plastic in the field	
08/08/2020			
10.00 – 11.00 HRS	Dr. Tanmay Gupta	Concrete Sample Testing (Strength Assessment)	Concrete Lab
11.00 – 12.00 HRS	Dr. Tanmay Gupta; Dr. Amardeep & Dr. Aakash Gupta	Feedback Session	
12.00 – 14.00 HRS	Prof. (Dr.) A. K. Gupta	Closing Ceremony	

Two Day Workshop on

# WASTE MANAGEMENT – ISSUES AND CONCERN



20 – 21 August 2020

A two day workshop was organized by Department of Civil Engineering on “Waste Management – Issues and Concern on 20-08-2020 to 21-08-2020. The main objective of the workshop was to discuss the major issues related to environmental degradation and finding suitable solutions to curb the waste related issues.

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.

A total of 246 participants from all over participated in the event. The workshop has been proactive in coming to grips with important issues related to waste management taking place all over world. As per the feedback received from all the participants it was concluded that workshop helped in gaining better understanding about the real challenges faced in waste industry. Dr. Rajiv Ganguly was the convener, Dr. Rishi Rana as program convener and Mr. Kaushal Kumar as program coordinator of the workshop.

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, SOLAN (HIMACHAL PRADESH)**  
**IN COLLABORATION WITH**  
**VENUS REMEDIES LIMITED, BADDI (HIMACHAL PRADESH)**



*Presents*  
*Two - day Workshop On*  
*Waste Management - Issues and Concerns*

**Organized by**  
Department of Civil Engineering  
JUIT Waknaghat  
*August 20-21<sup>st</sup>, 2020*

Workshop will be hosted in Online Mode via Google meet

**Kindly Register Yourself here:** <https://forms.gle/nDLc1QVam2mgtvyc8>  
**Contact:** +91-9891076078 or [kaushal.kumar@juit.ac.in](mailto:kaushal.kumar@juit.ac.in)

<b>Chief Patron</b> Prof. Vinod Kumar Vice-Chancellor JUIT, Waknaghat	<b>Patron</b> Prof. Samir Dev Gupta Director & Academic Head JUIT, Waknaghat	<b>Program Chair</b> Prof. Ashok Kr. Gupta Head Deptt. of CE	<b>Program Convener</b> Dr. Rajiv Ganguly Associate Professor Deptt. of CE	<b>Program Convener</b> Dr. Rishi Rana Assistant Professor Deptt. of CE	<b>Coordinator</b> Mr. Kaushal Kumar Assistant Professor Deptt. of CE
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Five day Continuous Education Program 2020

# CURRENT ASPECTS AND RESEARCH OPPORTUNITIES IN CIVIL ENGINEERING

20 – 24 July 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), Wakanaghat from 20th to 24th July 2020.

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. Following are the names of speakers/experts taken sessions in the event.

- Prof. Praveen Agrawal (NIT Kurukshetra)
- Dr. Surender Singh (IIT Madras)
- Dr. K. Sitaramanjaneyulu (CSIR-CRRI)
- Dr. Pradeep Kumar (CSIR-CRRI)
- Dr. Pankaj Munjal (National University of Singapore)
- Prof. M. Chandrasekhar (NIT Warangal)
- Mr. Krishanu Saha (Boston Consulting Group, USA)
- Mr. Anil Kumar (CCET, Chandigarh)
- Dr. Rajesh Kumar (CCET, Chandigarh)
- Dr. Indrajit Ghosh (IIT Roorkee)
- Dr. Arpit Goyal (Coventry University, UK)

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



**Patron**  
Prof Vinod Kumar  
Vice-Chancellor, JUIT, Wakanaghat

**Program Chair**  
Prof Ashok Kumar Gupta  
HoD,  
Civil Engineering Department

**Program Convener**  
Dr Rajiv Ganguly  
(Associate Professor)  
Mr Anirban Dhalia  
(Assistant Professor)  
Dr Akash Gupta  
(Assistant Professor)  
(Civil Engineering Department)

**Contact:**  
Dr. Anilash Gupta +91 7017797678  
Dr. Rajiv Ganguly (+91) 01792-239 398  
Mr. Anirban Dhalia (+91) 01792-239 398

**Email Detail:**  
[fdpce.juit@gmail.com](mailto:fdpce.juit@gmail.com)

**About the Program**  
Jaypee University of Information Technology, Wakanaghat has been practicing innovating teaching practices to attain its mission of being committed to excellence in engineering education, research and teaching methods, and establishing a presence in emerging segments of engineering education. In this endeavour, JUIT is organizing a one-week continuing education program to providing research and teaching skill enhancement for fellow faculty of technical institution in India and to bridge the gap in quality research and teaching skills that are required in contemporary engineering education in India.

**CONTINUING EDUCATION PROGRAM**  
on  
Current Aspects and Research  
Opportunities in Civil Engineering  
20<sup>th</sup> –24<sup>th</sup> July, 2020

**Organized by**  
Civil Engineering Department  
Jaypee University of Information Technology  
Wakanaghat, Solan, HP 173234  
[www.juit.ac.in](http://www.juit.ac.in)

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.

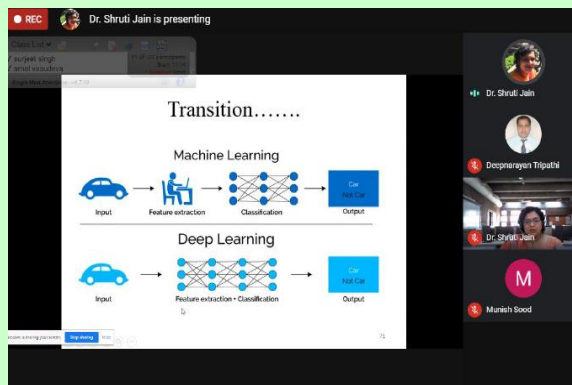
The participation in the CEP was overwhelming with a large number of participants from outstation locations with some participants joining from Karnataka, Gujarat, Chhattisgarh and other such states. Overall 108 registered participants and 65 external participants were present in the CEP program.

Short Term Course on

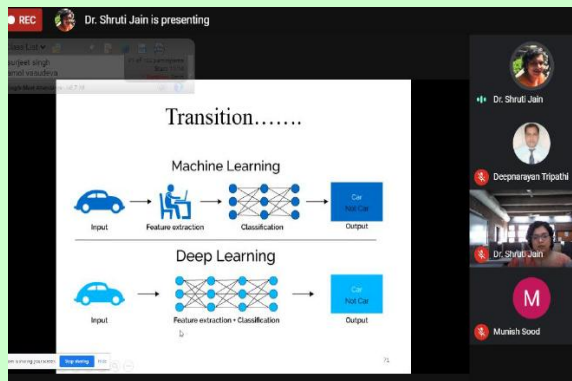
# RECENT ADVANCES IN COMPUTATIONAL INTELLIGENCE FOR SIGNAL PROCESSING (RACISP – 2020)

10 – 15 August 2020

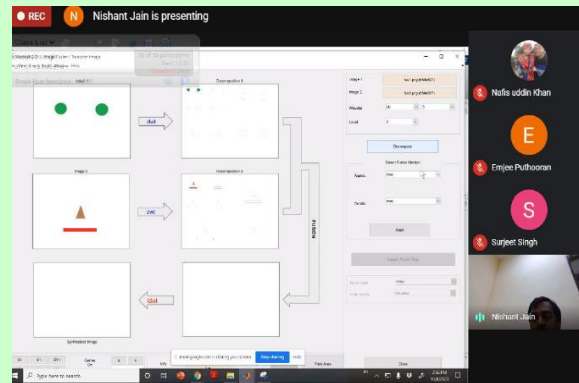
Department of Electronics and Communication Engineering organized one week online short term course on “Recent Advances in Computational Intelligence for Signal Processing (RACISP-2020)”. The program was scheduled from 10th -15th August, 2020. This short term course was coordinated by Dr. Sunil Datt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



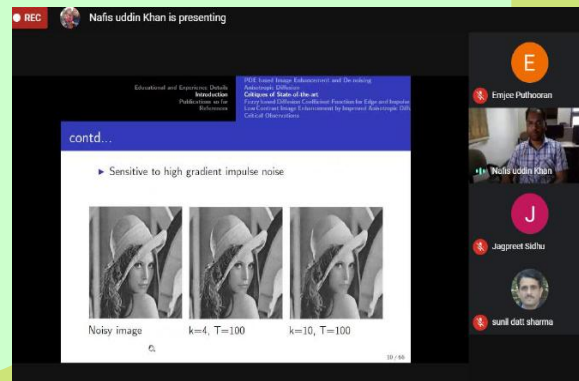
The program was inaugurated by honourable Vice –chancellor (Prof. Vinod Kumar) and Dean Research (Prof. Samir Dev Gupta). They highlighted the importance of computational techniques in signal processing and motivated the participants. More than 110 faculty members, research scholars from various universities/institutes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



of ECE department were the experts of different sessions arranged during the course.



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.



## Webinars

# INTERNATIONAL WEBINAR SERIES OF CEHTI

A series of International Webinars was started by the Centre of Excellence in Healthcare Technologies and Informatics under the Department of Biotechnology and Bioinformatics. In the series, webinars by eminent academicians and researchers were delivered on diversified topics related to Bioinformatics, Biomedical informatics and Healthcare sectors. With more than 1000 registrations from all over the world which includes participation from USA, Canada, UK, Germany, Australia, Denmark, Netherland, Belgium, Bangladesh, Bhutan, Indonesia, Singapore and many more countries. The webinars were organized by the CEHTI team, Dr. Tiratha Raj Singh, Dr. Ragini Raj Singh and Dr. Nishant Jain.

### FIRST INTERNATIONAL WEBINAR

04 August 2020

delivered by Prof. Vinod Kumar, VC, JUIT



### HEALTHCARE STATUS, CHALLENGES AND CURRENT TECHNOLOGICAL SOLUTIONS

#### Health Care Status, Challenges and Current Technological Solutions

Prof. (Dr.) Vinod Kumar  
Vice Chancellor  
Jaypee University of Information  
Technology  
Waknaghat, Solan, HP



### SECOND INTERNATIONAL WEBINAR

08 September 2020

delivered by Prof. Yosi Shacham Diamand  
Tel Aviv University, Israel



### FLEXIBLE SENSORS FOR BIOMEDICAL APPLICATIONS



#### Webinar 2

*International Webinar Series on  
Research and Technological Advancements in  
Biomedical and Healthcare Sector*

Organized By  
Centre of Excellence in Health Care Technologies and Informatics (CEHTI)  
Department of Biotechnology and Bioinformatics  
Jaypee University of Information Technology, Waknaghat, Solan, HP, India



**Webinar 2: Flexible Sensors for Biomedical Applications**  
**Speaker: Prof. Yosi Shacham Diamand**  
Tel Aviv University, Tel Aviv, Israel  
**Date: September 08, 2020**  
**Time: 12:30 PM IST (Indian Standard Time)**

**YouTube Link of Webinar:** <https://youtu.be/OW46YoORTas>

Prof. Sudhir Kumar  
Head, Department of Biotechnology  
and Bioinformatics

Dr. Tiratha Raj Singh  
Coordinator CEHTI  
Convener

Dr. Ragini Raj Singh  
Member CEHTI  
Coordinator

Dr. Nishant Jain  
Member CEHTI  
Coordinator

### THIRD INTERNATIONAL WEBINAR



09 October 2020

delivered by Prof. Sudhir Kumar, JUIT



### E-WASTE AND HEALTHCARE

E-Waste Encloses Many Hazardous Metals Which Affects Human Health



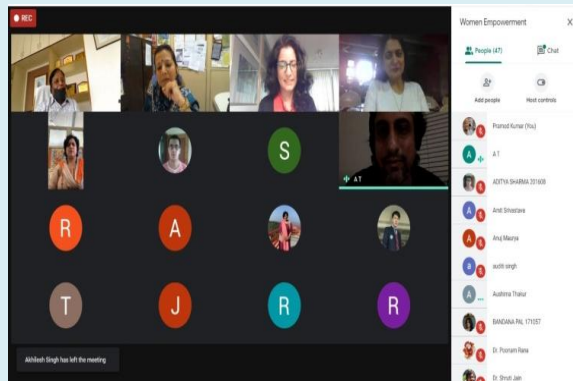


Event by the Caste Based Discrimination Committee

# WOMEN EMPOWERMENT

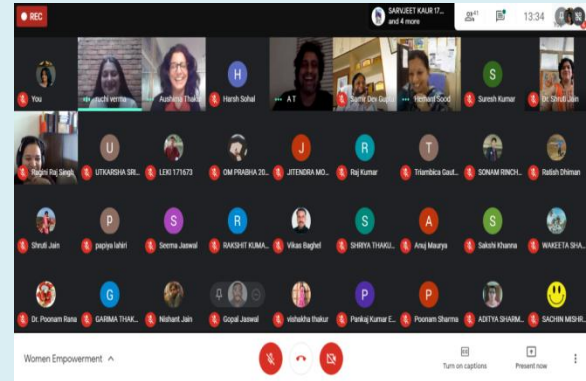
17 October 2020

The webinar titled “Women Empowerment” was organized by the Caste Based Discrimination Committee, JUIT Wagnaghat. The event was started at 12:30P.M with a welcome speech by Dr.Ruchi Verma, faculty member of the committee. She extended her warm welcome to the speaker of the session Dr. Aushima Thakur, Director HR (Philips, Netherlands), Honorable Director Prof. Samir Dev Gupta, Director and Academics Head, JUIT, faculties and participants of the event. About 60-65 participants attended the event.



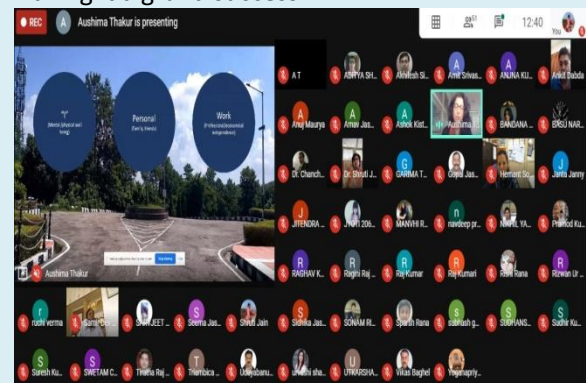
Aushima Thakur is Director HR at Philips in Netherlands. She is originally from Himachal Pradesh. Her graduation is in Life Sciences from HPU, a Masters degree in English Literature from Panjab University, and Doctorate degree in Socio-linguistics from Panjab University and an MBA from Erasmus University, Netherlands. She was in the People Operations team (HR) in Google India (both Hyderabad and Gurgaon). She left Google to teach at University of Iowa US, on a Fulbright scholarship. She moved to Netherlands for her MBA, and now has been working in the Netherlands for the last 9 years.

She is very passionate about feminism and women empowerment as a topic not just in the corporate world, but also in generic life as well. Been raised in India and having lived in the US and now Europe, she always tries to look at these topics with a new lens. Dr. Aushima Thakur



explicated that how today women understands that they can make their own decisions about their lives and well-being in family and society. It empowers women to allow them to obtain their true rights in society especially in a male-dominant one. The people who raise their voices for the discriminatory practices against women have been able to remove some of the ill practices and irrational notions created by the society against them.

Many attendees sent in their questions which were addressed by the Speaker making the overall webinar interactive and informative. Towards the end, Dr. Shruti Jain, the Presiding Officer of the committee, expressed her gratitude to the university administration for their constant encouragement and support in conducting the integrated events, the caste based discrimination team for hosting the event and participants for making it a grand success.



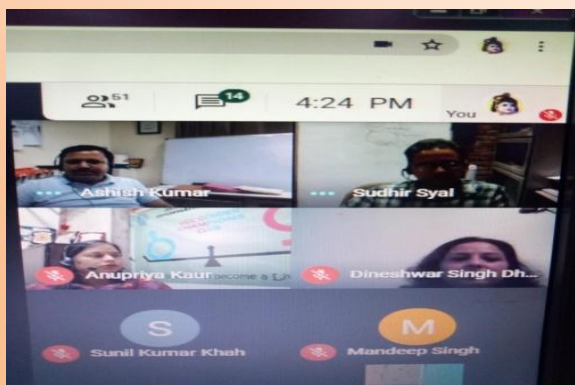
National Webinar

## GENDER ISSUES AND CHALLENGES AMIDST COVID – 19

24 August 2020

A national webinar on the topic 'Gender Issues and Challenges amidst COVID-19' was organised by the JUIT Gender Champions Club on 24th August 2020. About 77 participants from all over India participated. E-certificates were given to all the participants. JUIT gender Champion Club endeavours on the issues and challenges around gender equality and family dynamics amidst COVID 19 as it may possibly lead to a more complicated and complex

situation. Dr. Anuriya (Nodal officer and Head HSS) opened the session. Dr. Shalini Dhadwal (Psychotherapist) Ms. Ana Agarwal (Sales Director at AZGO /Tata Steel /IIM Rohtak) Dr. Sudhir Syal (Professor and Head BI/BT) Dr. Ashish Kumar (Professor Dept. of CE) Dr. Sunil Kumar Khah (Controller of Examination and Professor Dept. of Physics and Materials and Sciences) were the esteemed speakers for the webinar.



Webinar

## TEACHING AND LEARNING PRACTICES

17 October 2020

The Department of Biotechnology and Bioinformatics, (JUIT), Waknaghat organised a webinar on 'Teaching and Learning Practices'. The webinar was delivered for school, college and Universities faculties on Teaching and Learning by Prof. Sudhir Kumar 17 October, 2020. Over 75 participants of Himachal and other states attended this webinar in online mode. Prof. Sudhir explained the teaching methods and innovative ways of content delivery. He shared the importance of learning through involving in activities. He also discussed about ways to make online and board teaching more interesting. The significance of relationship, creativity, and ways to resolve the problems of students were discussed. Dr. Poonam Sharma was moderator for this webinar.

Department of Biotechnology and Bioinformatics  
Jaypee University of Information Technology,  
Waknaghat, Solan(HP)

organises  
Webinar on  
"Teaching and Learning"

Speaker

"Creativity is as important as literacy"

Prof. Sudhir Kumar  
Head, Department of BT and BI  
JUIT

Date: 17<sup>th</sup> Oct, 2020  
Time: 11:00 - 12:00 IST  
Medium: Google Meet

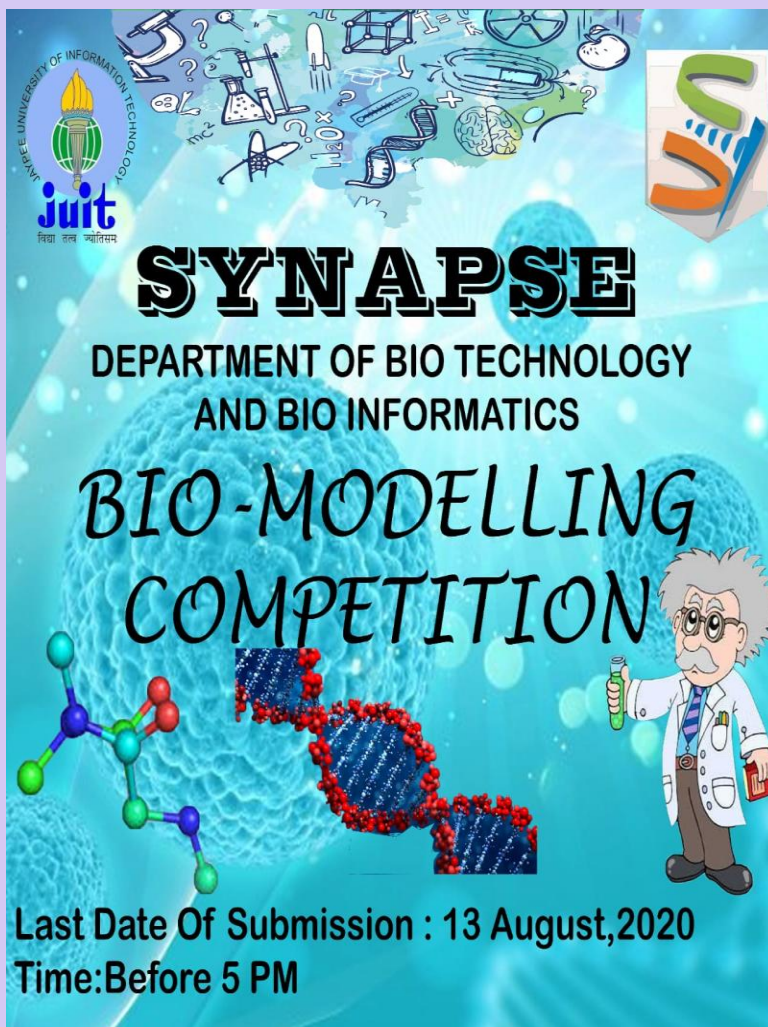
For Free Registration, visit: <https://forms.gle/dmPGEToBAnqtw8l>  
e-certificates will be given to the attendees

Bio modelling competition

## SYNAPSE – 2020

13 August 2020 (last date for submitting entries)

SYNAPSE Bio-club from Department of BT and BI organized a biomodelling competition for UG and PG students of the department. Students of team SYNAPSE coordinated the event very effectively. All the UG and PG students of the department were informed via mails and flyers. Students showed their enthusiasm with submission of different models even live ones during lockdown. HOD Prof. Sudhir Syal and Faculty coordinators Dr Hemant Sood and Dr Tiratharaj Singh shortlisted the most innovative and novel models. The panel took the presentation and has detailed interaction with all the participated candidates. The result was declared and notified on the departmental Webpage ([https://www.juit.ac.in/department/bio/Biomodelling\\_Synapse\\_2020.pdf](https://www.juit.ac.in/department/bio/Biomodelling_Synapse_2020.pdf)). Chavi Thakur bagged first prize, Simran Gohan 2nd and Prarthna Kashyap 3rd rank. Ipshita Dutta and Amrita Mishra have received consolations. Certificates for the same have been distributed to the participants. Flyer of the event is mentioned.



## JUIT INSTALLED THREE BIOGAS PLANTS FOR 3 BRD, AIR FORCE CHANDIGARH

Prof. Sudhir Kumar, Head, Department of BT/BI; Prof. Ashish Kumar, Department of Civil Engineering and Biogas Assistant Mr. Karm Dass given their technical support to install three biogas plants at 3 BRD, Air Force Station, Chandigarh. The administration of 3 BRD, Air Force Chandigarh appreciated and placed their gratitude for this support.



## VICHARANA 2020

Innovative ideas are invited in the following three themes:

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

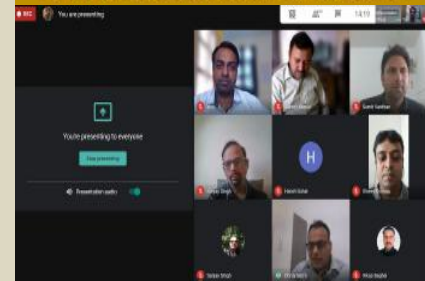
Last Date of Registration & Submission of Idea: 19<sup>th</sup> Sep. 2020

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](mailto:nishant.jain@juitsolan.in)



### TIED Cell Activity

## VICHARANA 2020

17 October 2020

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

- Mr. Dhruv Batra, (Alumnus 2013-20017) , Marketing Lead, Life Optoelectronics
- Prof. Ashish Kumar, Professor , Civil Engineering Department
- Mr. Vineet Krishna, (Alumnus 2004-2008) Senior Project Manager, Fidelity Information Services (FIS) India
- Mr. Sumit Vardhan, (Alumnus 2008-2012) Patent, Technology & Market Research Consultant , Abu Dhabi Department of Economic Development
- Dr. Harsh Sohal (Assistant Prof. , ECE Department)

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. The Judging panel consisted of a total of 4 Alumni and 2 faculty of University. Two Judging panels, consisted of a total of 4 Alumni and 2 faculty of University, were constituted:

- Mr. Sanjay Singh, (Alumnus 2002-2006), Infosys.

**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

One panel judged the ideas under the themes Health monitoring system, and Natural disasters prediction/ prevention and another panel judged the ideas under the theme Security and surveillance. The names of winner teams are given below.

Winning team under each theme was awarded with the support of Rs 10,000/-. 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.

THEME	WINNER TEAM	TEAM MEMBERS
Health monitoring system	CAPTIVATORS	Sanyam Saxena (191214), and Vipasha Rana (191226)
Natural disasters prediction / prevention	BINARY CODERS	Devansh Gupta (191038), Varun Chodha (191504), and Stuti Roy (191046)
Security and surveillance	TRITON	Zeeshan Naseem (191011), Mukul Anand (191029), and Shikhar Trivedi (191012)

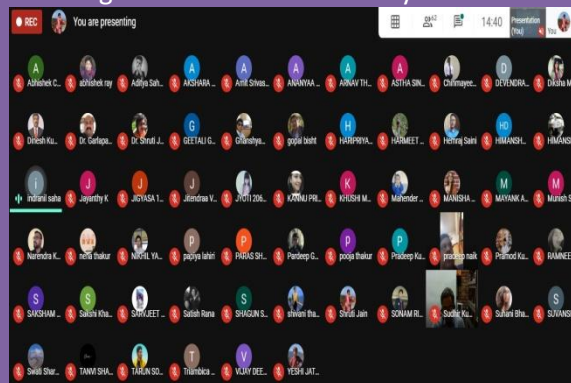
# PATENTS, INNOVATIONS AND START UPS

17 October 2020

The webinar titled “Patents, Innovations and Start ups” was organized by the IPR cell, JUIT Waknaghat. The event was started at 02:30P.M with a welcome speech by Prof. Sudhir Kumar, Coordinator, IPR cell. 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) was the speaker of the webinar. About 65 participants attended the event.

Webinar has given exposure of better methodology and techniques for the scientific work which one can apply for patents along with the institute involved or on an individual basis. It also offered better understanding of scientific work that will be upgraded as patent. 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. The webinar also motivated the institute to build and launch new products and processes in the market for the benefit of the consumers including the scientific community. 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. 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.



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.



Event by the Caste Based Discrimination Committee

## LA PEINTURE – E-POSTER CONTEST

2 –17 October 2020

The month of October unfurled with “**La Peinture**”, e-poster contest organized by the Caste Based Discrimination Committee, JUIT Wagnaghat. It was orchestrated with the motive to encourage students articulate their artistic feelings and thoughts. To aid their creative expression, following themes were taken up:

- **Untouchability**
- **Human Rights**
- **Reservation**
- **Women Empowerment**
- **Feminism**

As it was an open competition, the flyer was made public on **2<sup>nd</sup> October, 2020** by promoting it on various social media platforms and the responses were accepted till **10<sup>th</sup> October, 2020**. The e-posters were submitted by the participants in pdf or jpg format with their details to the respected email id: [castebased.icc@juitsolan.in](mailto:castebased.icc@juitsolan.in).

We received overwhelming responses not only from Himachal Pradesh but also from the states like Tamil Nadu, Punjab, Uttar Pradesh, and Uttarakhand. Most of the e-posters submitted were based on Women Empowerment, acknowledging the great contribution of women in different walks of life. The result of competition was declared on 17<sup>th</sup> October, 2020.

<https://www.juit.ac.in/committeesjuitt/caste/LaPeinturecontestresult.pdf>

The first position was awarded to Ananya Sharma, JUIT, Solan, Sukriti Jaswal, Lovely Professional University secured the second position and the third position was backed by Ishan Sharma, JUIT, Solan. The winners were awarded with e-certificates. Also, e-certificates of participation were provided to all the participants.

The flyer is for the 'La Peinture e-Poster Contest' organized by the Complaints Against Caste Based Discrimination Committee at Jaypee University of Information Technology, Wagnaghat, Solan, H.P. It features the university's logo on the left and the Jaiprakash logo on the right. The text is centered and includes the contest title, themes, dates, contact information, and a list of rules. Social media icons for Facebook, Instagram, LinkedIn, and YouTube are at the bottom right.

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
WAKNAGHAT, SOLAN, H.P.

**Complaints Against Caste Based Discrimination Committee**  
presents

**La Peinture**  
e-Poster Contest

**Themes:**

- ❖ **Untouchability**
- ❖ **Human Rights**
- ❖ **Reservation**
- ❖ **Women Empowerment**
- ❖ **Feminism**

**10<sup>th</sup> October, 2020**  
**castebased.icc@juitsolan.in**  
**Results on 17<sup>th</sup> Oct, 2020**

<https://www.juit.ac.in/castebased-complaint-announcements>

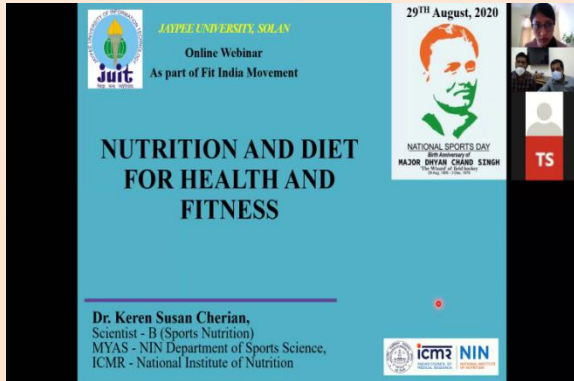
- Hand made art work/sketches/e-designing etc.
- e-voting via Social Media till 15<sup>th</sup> Oct, 2020.

**f i l y**

Activities under Fit India Movement

# TALK ON NUTRITION AND DIET

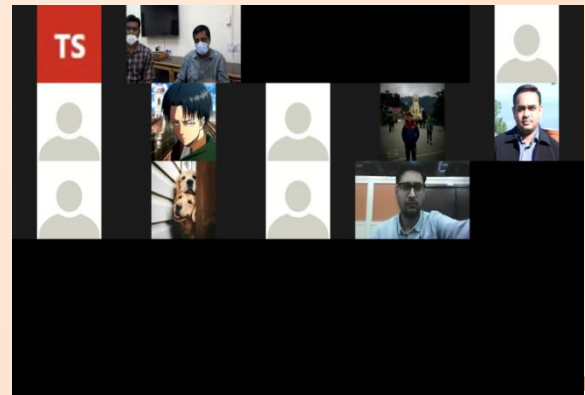
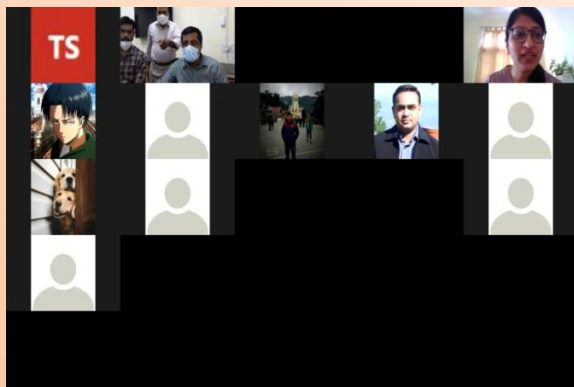
29 August 2020



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.



# 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, Wagnghat, 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?**

The diagram shows a cigarette with various chemical components labeled: Acrylonitrile, Benzene, Carbon Monoxide, Formaldehyde, Lead, Nickel, Polycyclic Aromatic Hydrocarbons (PAHs), Radioactive Elements, Tar, and Tobacco-specific Nitrosamines (TSNAs).

**Drugs**

↓

**Drug Abuse**

↓

**Drug Dependence**

↙ ↘

**Physical dependence**      **Mental dependence**

**Alcohol's Effects on the Body**

- **Short-Term Effects of Alcohol**
- Although a person may not be abusing alcohol regularly, they can still experience its short-term effects on the mind and body.
- The liver can metabolize about one standard drink of alcohol per hour. Typically, consuming more than one beverage per hour can lead to intoxication, raising an individual's blood alcohol content (BAC) with each drink.
- skin flushing
- lowered inhibitions, leading to poor social judgement.
- trouble concentrating
- Loss of coordination.
- Loss of critical judgement.
- Dulled perception, especially vision.
- Mood swings.
- Reduced core body temperature.
- Raised blood pressure.
- Passing out.
- Vomiting.

**Categories of drug of abuse**

Narcotics

Hallucinogens      Depressants

Stimulants

**Effects of Alcohol on the Body**

- **liver damage**
- **stomach**
- **increased blood flow to the heart**
- **blurred vision**
- **slurred speech**
- **loss of coordination**
- **reduced perception**
- **increased heart rate**
- **increased blood pressure**
- **increased stress on kidneys**



Activities under Fit India Movement

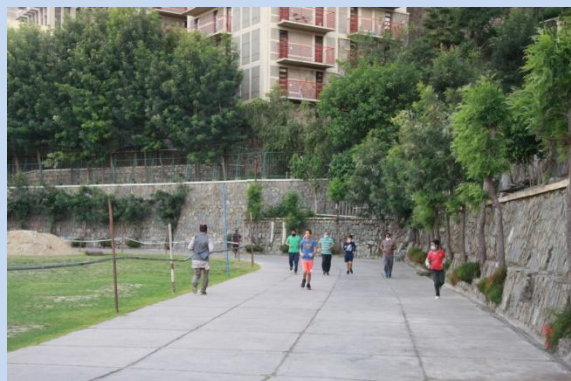
## FIT INDIA FREEDOM RUN

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)

# INDUCTION PROGRAM FOR NEWLY ADMITTED STUDENTS

01 – 08 September 2020

The induction program for newly admitted students was conducted online from 1<sup>st</sup> September to 8<sup>th</sup> September 2020. The program held online through Google Suite platform. The induction program was attended by over 450 newly admitted students of 2020-21 batch. The schedule of the program was as given below:



## INDUCTION PROGRAM SCHEDULE

DATE	0930 – 1030 HRS	1100 – 1200 HRS	1430 – 1530 HRS
01 SEP (TUE)	09.30 to 10.00 hrs Gen instructions by AR	Registrar & DOS Briefing	Dean Academics Briefing
	10.00 – 10.30 hrs welcome by VC		
02 SEP (WED)	Talk by respective HODs	University Div & its functioning by AR	Talk by Chief Warden
03 SEP (THU)	Talk on TIEDC by Dr Ashish	1100 to 1130 Talk by Dr NS Jaswal	Talk by Mr Gaurav Bedi
		Talk by Time Table Committee -Dr Shruti	
04 SEP (FRI)	Talk by JYC - Dr Amit Srivastava	Talk on NCC by Dr Pragya Gupta	Talk by Dr Shalini Dadhwal
		Talk on Sports by Mr Raghav	
05 SEP (SAT)	Talk by T and P Cell - Dr Nafisuddin	Talk by Mr Ravish Jain, Country head india Picsart	Talk by COE
06 SEP (SUN)			
07 SEP (MON)	Talk by Mr Akshy Rohilla, Harvard University	Orientation by DOST	Talk by Mr Paras Kohli on Mind Mgmt
08 SEP (TUE)	Digilocker Cell by AR	Talk on LRC - Dr Suresh Chauhan	
	Deficiency in Documents by AR		1500 to 1530 Closing Address by VC



## Ph.D SNAPSHOT

**Hradesh Kumar** (166203), Department of CSE completed his Ph.D on the topic “Data Aggregation and Performance Improvement in Wireless Sensor Networks”, under the supervision of Dr. Pradeep Kumar Singh on July 14, 2020.

**Amit Chaurasia** (136201), Department of CSE completed his Ph.D on the topic “Application Traffic Modeling and Optimization for NoC Communication”, under the supervision of Dr. Vivek Kumar Sehgal on July 31, 2020.

**Kritika Kaushal** (116557), research scholar of BT and BI completed Ph.D on “Genome and Metabolomic based Approaches to Authenticate Swerita Chirata from its Adulterants and their Comparative Evaluation against Hypoxia Induced Oxidative Stress in Rats”, under the supervision of Dr. Anil Kant on August 13, 2020.

**Nupur** (136501), Research Scholar Department of BT and BI completed her Ph.D on the topic “Development of Novel QSPR Strategy and Models for the Solubility Prediction and In-Silico Bioavailability Study of Paclitaxel Prodrugs” in the supervision of Dr. Tiratha Raj Singh on August 19, 2020.

**Sahil Kapoor** (136561), Department of BT and BI, awarded with Ph.D on the topic “Cell Culture Technologies for the Production of Bioactive Compounds from Rhodiola imbricata Edgew. of Trans-Himalayan Ladakh Region”, under the supervision of Dr. Hemant Sood on September 16, 2020.

**Urvashi** (176008), research scholar of ECE department completed her Ph.D on the topic “Block Adaptive Compression Models for Preserving Diagnostic Quality of Volumetric Medical Image Sequences”, under the supervision of Dr. Emjee Puthooran and Dr. Meenakshi Sood on October 20, 2020.

**Deepika Sharma** (136753) awarded Ph.D in the area of Pharmacy on the topic “Synthesis Characterization and Antibacterial Evaluation of Peptides and their Poly-N-Substituted Glycine Congeners”, under the supervision of Dr. Gopal Singh Bisht on October 24, 2020.

**Poonam** (136553), research scholar of BT and BI completed Ph.D on “Identification of Genes Involved in IN VIVO Virulence of Mycobacterium Fortuitum as Potential Drug Target”, under the supervision of Dr. Rahul Srivastava on October 27, 2020.

## DELIVERED INVITED / EXPERT LECTURES



**Prof. Sudhir Kumar**, Head, Department of BT and BI was a Resource Person for Panjab University Alumni Association (PUAA), Chandigarh (15 September, 2020) on Biogas Technology talk.



**Prof. Sudhir Kumar**, Head, Department of BT and BI was invited as a resource person for UGC-Faculty Induction Program and he delivered a webinar on Teaching- Learning for 45 Faculty members newly inducted in various Govt. Colleges/Universities of India. This was arranged by GNDU, Amritsar on 24 September 2020.

**Prof. Sudhir Kumar**, Head, Department of BT and BI was a Resource Persons for Yugander (NGO), Mathura, UP on Kitchen Waste to Biogas for Cooking held on 01 October 2020.



**Dr. Tiratha Raj Singh**, Associate Professor, Department of BT and BI conducted a session through online webinar on the topic "Computational Systems Biology" on 22nd Sept., 2020 in Two-Week International Online Faculty Development Program on "Bioinformatics, Big Data and Drug Discovery: Prospects & Challenges", organized by G.B. Pant Institute of Engineering & Technology, Pauri-Garhwal, Uttarakhand, India.



**Prof. Ashish Kumar**, Department of Civil Engineering was a Resource Persons for Yugander (NGO), Mathura, UP on Kitchen Waste to Biogas for Cooking held on 01 October 2020.

# INTELLECTUAL CAPITAL

## PUBLICATIONS IN RESEARCH JOURNALS:

Agrawal, K., Shankar, J., & Verma, P. (2020). Multicopper oxidase (MCO) laccase from *Stropharia* sp. ITCC-8422: an apparent authentication using integrated experimental and in silico analysis. *3 Biotech*, 10(9), 1-18. DOI: 10.1007/s13205-020-02399-8.

Bhardwaj, P., Barman, P. B., & Hazra, S. K. (2020). Effect of Capping-Agent Concentration on Size and Size Dispersivity of Palladium Nanoparticles for Resistive-Type Hydrogen Sensors. *Journal of Electronic Materials*, 49(11), 6656-6670. DOI: 10.1007/s11664-020-08431-0.

Choudhary, A., Kumar, A., & Kumar, S. (2020). National Municipal Solid Waste Energy and Global Warming Potential Inventory: India. *Journal of Hazardous, Toxic, and Radioactive Waste*, 24(4), 06020002. DOI: 10.1061/(ASCE)HZ.2153-5515.0000521

Kaur, S., & Changotra, H. (2020). The beclin 1 interactome: Modification and roles in the pathology of autophagy-related disorders. *Biochimie*. 175, 34-49.

Kumar, S., Singh, R. R., & Barman, P. B. (2020). Reitveld Refinement and Derivative Spectroscopy of Nanoparticles of Soft Ferrites (MgNiFe). *Journal of Inorganic and Organometallic Polymers and Materials*, 1-14. DOI: 10.1007/s10904-020-01764-7.

Rana, R., & Ganguly, R. (2020). Water quality indices: challenges and applications—an overview. *Arabian Journal of Geosciences*, 13(22), 1-11.

Sharma, A., Kaur, S., Duseja, A., & Changotra, H. (2020). The autophagy gene ATG16L1 (T300A) variant is associated with the risk and progression of HBV infection. *Infection, Genetics and Evolution*, 84, 104404.

Sharma, A., Kaur, S., Sarkar, M., Sarin, B. C., & Changotra, H. (2020). The AGE-RAGE axis and RAGE genetics in chronic obstructive pulmonary disease. *Clinical Reviews in Allergy & Immunology*, 1-15. DOI: 10.1007/s12016-020-08815-4.

Shishodia, S. K., & Shankar, J. (2020). Exploration of Mycelial Proteins from *Aspergillus terreus* Revealed Ribosome Biogenesis and Antioxidant Enzymes. *Current Proteomics*, 17(5), 433-445. DOI: 10.2174/1570164617666191004163734.

Shukla, R.P., Parihar, N.S. and Gupta, A.K. (2020). Effect of potassium chloride on efficiency of fine slag used for treatment of expansive soil. *Bulletin of the Tomsak Polytechnic University, Geo Assets Engineering*, 331(7), 87-95. DOI: 10.18799/24131830/2020/7/2721

Shukla, R., & Singh, T. R. (2020). Identification of small molecules against cyclin dependent kinase-5 using chemoinformatics approach for Alzheimer's disease and other tauopathies. *Journal of Biomolecular Structure and Dynamics*, 1-13. DOI: 10.1080/07391102.2020.1844050.

Singh, S., Yennamalli, R. M., Gupta, M., & Changotra, H. (2020). Identification of nsSNPs of transcription factor E2F1 predisposing individuals to lung cancer and head and neck cancer. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis*, 821, 111704.

Thakur, P., & Kumar, S. (2020). Metallurgical processes unveil the unexplored “sleeping mines” e-waste: a review. *Environmental Science and Pollution Research*, 27(26), 32359-32370.

## **PUBLICATIONS IN CONFERENCE PROCEEDINGS:**

Gupta, R. & Sood, H. (2020). Optimization of culture conditions for the production and germination of artificial seed in an important medicinal plant, *Swertia chirayita*. International conference on “Technologies for Environmental Sustainability and Smart Agriculture” organized by Centre of Excellence in Sustainable Technologies for Rural Development [CESTRD], Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology during September 18 & 19, 2020 pp39

Gupta, R., Sharma, D. and Sood, H. (2020). Micropropagation of critically endangered herb of Himlayan region: *Trillium govanianum* for in vitro shoot proliferation and production of Diosgenin. International Conference on Integrated Interdisciplinary Innovations in Engineering (ICIIE 2020) organized by University Institute of Engineering & Technology (UIET), Panjab University, Chandigarh from 28th – 30th August, 2020. ID-12 pp146.

Maheshwari, K., Yukti and Sood, H. (2020). Effect of homemade biocompost and bioenzyme on exotic vegetables. International Conference of innovations in Biotechnology and Life Sciences hosted by Department of Biotechnology, Delhi Technical University, 18-20 December, 2020, 107 (AB 065).

Sharma, A., & Rana, R. (2020, November). Analysis and Visualization of Twitter Data using R. In 2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC) (pp. 455-459). IEEE.

Shrivastva, U. & Sood, H. (2020). Pine oil biofuel blends: An upcoming strategy to develop sustainable biofuels. International conference on “Technologies for Environmental Sustainability and Smart Agriculture” organized by Centre of Excellence in Sustainable Technologies for Rural Development [CESTRD], Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology during September 18 & 19, 2020

## **PUBLICATIONS AS BOOK CHAPTERS:**

Lahiri, P. (2020). Official Apathy and Individual Suffering: Sharon Pollock’s *One Tiger to a Hill*” published in edited volume *Locating Transnational Spaces: Culture, Theatre and Cinema*, 18 July 2020. Published by the Faculty Business and Social Science University College of the North Canada and the International Association of Theatre Critics (IATC).

Srivastava, U., & Sood, H. (2020). Propagation of *Podophyllum hexandrum* Royale to Enhance Production of Podophyllotoxin. *Endangered Plants*. Intechopen Limited, London, UK DOI: 10.5772/intechopen.93704

Shukla, R., Yadav, A. K., & Singh, T. R. (2021). Application of Deep Learning in Biological Big Data Analysis. In *Large-Scale Data Streaming, Processing, and Blockchain Security* (pp. 117-148). IGI Global (UK). ISBN : 9781799834441

EDUCATION NOTES WEBINAR ON BIOINFORMATICS ADVANCEMENT

जेपी यूनिवर्सिटी वाकनाघाट में अंतरराष्ट्रीय वेबिनार



जेपी यूनिवर्सिटी वाकनाघाट में एक अंतरराष्ट्रीय वेबिनार बुद्धल का दूसरा वेबिनार, टेलिविडियो युनिवर्सिटी, इतराष्ट्र के प्रख्यात वैज्ञानिक और उद्योग प्रोफेसरों को आमंत्रित किया गया है।

पीयूआईटी के विद्यार्थियों की सौ फीसदी प्लेसमेंट

सोलन। जेपी यूनिवर्सिटी ऑफ इन्फार्मेशन एंड टेक्नोलॉजी (जेपीयूआईटी) के विद्यार्थियों ने लगातार दूसरे साल शत-प्रतिशत प्लेसमेंट प्राप्त कर रिकार्ड बनाया है। जेपीयूआईटी के प्लेसमेंट सेल के अनुसार चर्चित विद्यार्थियों को 4.7 लाख रुपये सालाना औसत पैकेज पर नियुक्त किया गया है।

जेपी यूनिवर्सिटी में भू-तकनीक पर चर्चा

वाकनाघाट में ऑनलाइन मोड में सिविल इंजीनियरों के लिए कार्यशाला का आयोजन किया गया।



जेपी विवि में माइक्रोबियल प्रौद्योगिकी पर किया मंथन

युवा दिमागों में नए विचार भरने की पहल

JP विश्वविद्यालय ने PWD अधिकारियों के लिए कर्वाई ऑनलाइन कार्यशाला

नई दिल्ली, 11 अगस्त (सेवा) : सिविल इंजीनियरिंग विभाग, जे.पी. यूनिवर्सिटी ऑफ इन्फार्मेशन टेक्नोलॉजी, वाकनाघाट (एच.पी.) द्वारा ऑनलाइन सिविल इंजीनियरों के लिए सतत निर्माण प्रशासकों पर एक सप्ताह की कार्यशाला आयोजित की गई थी।

CONFERENCE ON SMART AGRICULTURE The Centre of Excellence in Sustainable Technologies for Rural Development (CESTRD), Jaypee University of Information Technology (JUIT), Wagnaghat, organised a virtual international conference on "Technologies for Environmental Sustainability and Smart Agriculture".

दिव्य हिमांचल CONFERENCE ON SMART AGRICULTURE

The Centre of Excellence in Sustainable Technologies for Rural Development (CESTRD), Jaypee University of Information Technology (JUIT), Wagnaghat, organised a virtual international conference on "Technologies for Environmental Sustainability and Smart Agriculture".

जेपी यूनिवर्सिटी ऑफ इन्फार्मेशन एंड टेक्नोलॉजी का नया पेटेंट

जेपी यूनिवर्सिटी ऑफ इन्फार्मेशन एंड टेक्नोलॉजी (जेपीयूआईटी) के जे.पी. प्रोफेसरों ने एक नया पेटेंट प्राप्त किया है।

अनुसंधान में अग्रणी, जेपी यूनिवर्सिटी ऑफ इन्फार्मेशन टेक्नोलॉजी (जेपीयूआईटी) ने एक नया पेटेंट प्राप्त किया है।

एक-सप्ताह ऑनलाइन कार्यशाला PWD अधिकारियों के लिए समाप्त

जेपी यूनिवर्सिटी ऑफ इन्फार्मेशन एंड टेक्नोलॉजी (जेपीयूआईटी) के जे.पी. प्रोफेसरों ने एक नया पेटेंट प्राप्त किया है।

TOI chandigarh

दिव्य हिमांचल Wed, 22 July 2020 https://epaper.divyahimachal.com

# HILLY RAMBLINGS

## Coordinators:

Dr. Suresh K Chauhan, Learning Resource Centre  
Dr. Ashish Kumar, Department of Civil Engineering  
Dr. Hemant Sood, Department of BT/BI  
Dr. Geetanjali, Department of CSE/IT  
Dr. Neel Kanth, Department of Mathematics  
Ms. Pragya Gupta, Department of ECE  
Dr. Sakshi Khanna, Department of HSS  
Dr. Surajit Hazra, Department of P&MS

## Published by:



**Jaypee University of Information Technology**

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