

A Newsletter of JUIT

HILLY RAMBLINGS

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PROFESSOR (DR.) RAJENDRA KUMAR SHARMA

(As the new Vice Chancellor of JUIT)

The JUIT fraternity is happy to welcome its new Vice-Chancellor Prof. (Dr.) Rajendra Kumar Sharma

Welcome

Professor (Dr.) Rajendra Kumar Sharma has joined as Vice-Chancellor at the Jaypee University of Information Technology, Waknaghat (HP). He is the 5th Vice-Chancellor of the University and resumed his office on August 11, 2021. He has quality experience in teaching, research and administration. Prof. Sharma started his teaching career from HNB Garhwal University, Srinagar, Uttarakhand, now a Central University, in the year 1991. After serving this University for 5 years and 6 months, he worked with GKV, Haridwar for a very brief period of 10 months. In September 1997, Dr. Sharma joined Thapar Institute of Engineering and Technology, Patiala, Punjab and worked there up to August 2021 in various positions including, Dean of Faculty Affairs, Dean of Academic Affairs, Head of Centre for Information Technology and Management, Head of Computer Centre, Head of School of Mathematics and Computer Applications, and Head of Department of Computer Science and Engineering. He is an alumnus of IIT Roorkee (erstwhile University of Roorkee) and completed his MSc in Applied



Mathematics, MPhil in Computer Applications and PhD in Mathematics from there. Dr. Sharma has handled projects from various funding agencies. A major portion of his funding came from Ministry of Electronics and Information Technology, Government of India. He has guided several students for their Master's theses and 21 students for their PhD theses. He has published in reputed journals, including, journal of Soft Computing, Applied Soft Computing, Neural Computing and Applications, and Artificial Intelligence Review, etc.

The JUIT bids farewell to the outgoing Vice Chancellor, Prof. (Dr.) Vinod Kumar, who completed his tenure at the university. He joined the university as its 4th Vice-Chancellor on 1st July 2016 and relinquished the position on 11th August 2021. He will remain associated with the university as an Advisor.



VISIT OF CHAIRMAN HPPERC TO JUIT

October 6, 2021

The Chairman, H.P. Private Educational Institutions Regulatory Commission (HPPERC), Major General Atul Kaushik SM, VSM (Retd.) visited the university on October 6, 2021. Hon'ble Vice Chancellor Prof. (Dr.) Rajendra Kumar Sharma along with Prof. Vinod Kumar (Advisor) and Major General Rakesh Bassi (Retd.), the Registrar of the University welcomed him. Prof. Sharma informed him about the teaching, research and other key activities of the university. The Chairman HPPERC interacted with the Heads of the



Academic departments. He also visited various labs, library and other facilities such as dispensary, hostels, mess, etc. He addressed the students, faculty and staff members of the university and shared various experiences with them. He advised students to learn not only in their specific domains but also in every aspect of life. He stated that quality education is very important to survive in a world which is full of challenges. He also urged the gathering to make sincere efforts in conserving our culture and environment.



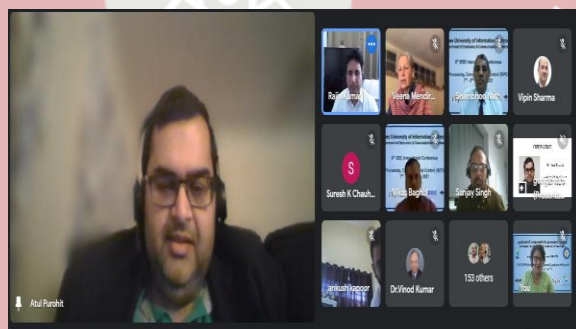
International Conference on

SIGNAL PROCESSING, COMPUTING AND CONTROL (ISPC 2021)

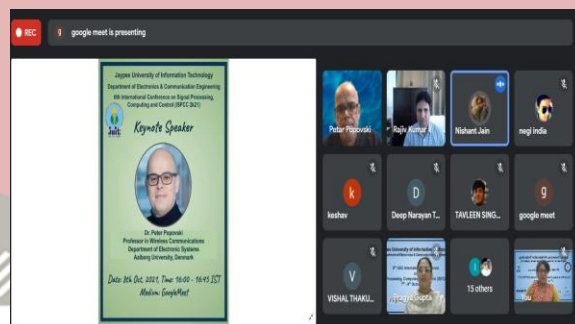
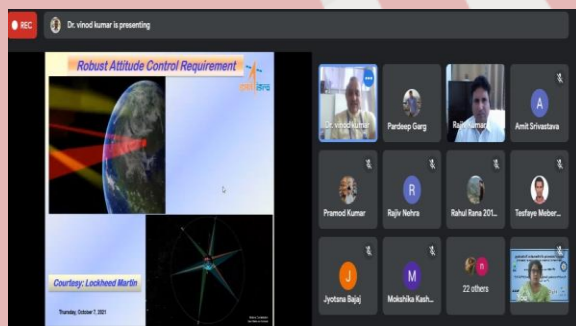
October 07-09, 2021

The 6th International Conference on Signal Processing, Computing and Control (ISPC 2k21) was organized by Department of Electronics and Communication Engineering on October 07-09, 2021. The conference is technically sponsored by IEEE Delhi Section, IEEE Student Branch, JUIT and also, financially sponsored by DRDO and JUIT.

Due to the prevalent uncertainties risen out the pandemic scenario, ISPC 2k21 was scheduled in fully online mode. Keeping with the industry trends, ISPC 2k21 is themed around, "Signal processing in Ubiquitous Systems".



The conference was inaugurated on the 7th of October 2021 by Prof. Vinod Kumar, Advisor, Ex-VC, Jaypee University of Information Technology. Mr. Atul Purohit was the Chief Guest at the Inaugural ceremony. He is Nokia CNS GBC's Market CTO and is working with Europe's leading communication service providers on future growth strategies. The

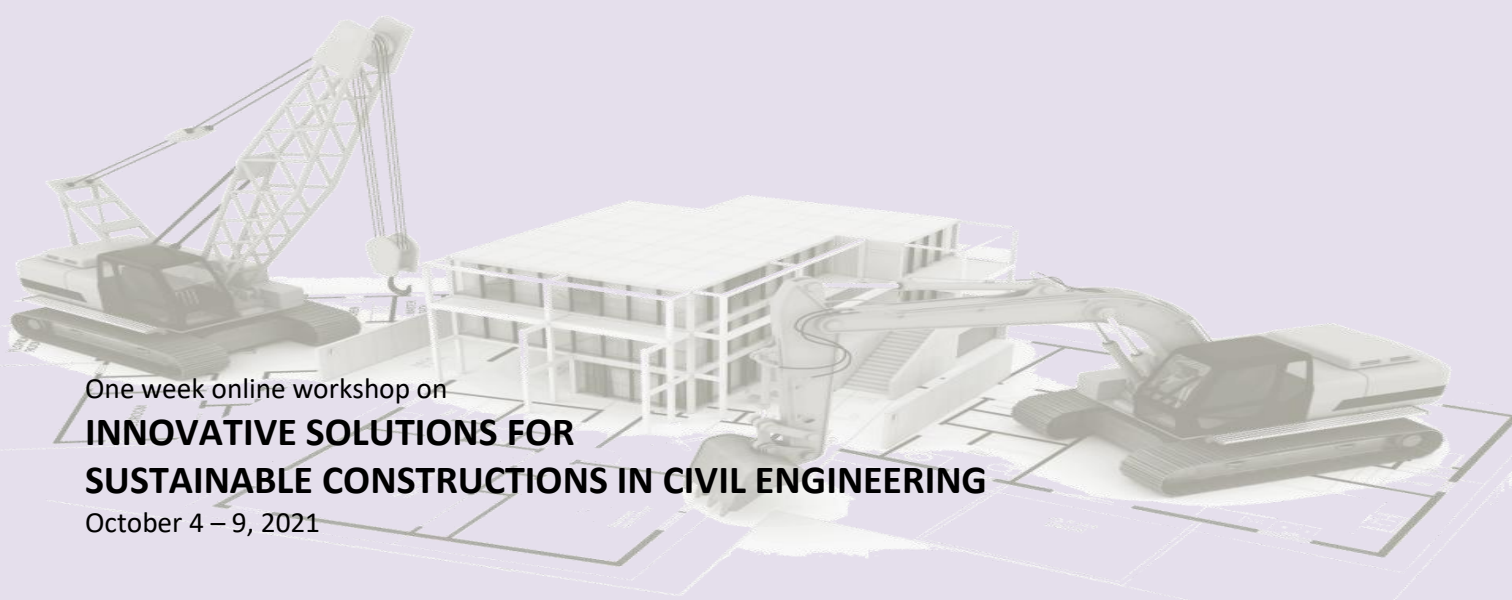


Guest of Honour was Dr. Veena Mendiratta, Adjunct Professor, North Western University at Bell Labs based in Naperville, Illinois, USA. More than 170 participants attended the inaugural session. The 6th IEEE ISPC 2k21 technical program committee put together a program, consisting of 25 technical sessions and 6 invited talks.

The keynote speakers were

- **Dr. Peter Popovski**, Ph. D., FIEEE, Villum Investigator Professor, Head of the Section on Connectivity, Department of Electronic Systems, Aalborg University, Denmark
- **Dr. Piotr Cholda**, Associate Professor, Institute of Telecommunications, AGH University of Science and Technology Al. Mickiewicza 30, 30-059 Krakow, Poland;
- **Dr Vinod Kumar**, Scientist-Engineer 'G', Division Head (GCDAD), Control Dynamics Design Group, U. R. R. Satellite Centre, Bangalore
- **Prof. (Dr.) Perna Gaur**, Director, Netaji Subhas Institute of Technology, East Campus, Delhi
- **Dr. Seshadri Sastry Kunapuli** Manager Technology (Artificial Intelligence and Machine Learning), Third Presence, Andhra Pradesh
- **Mr. Sanjay Singh** Project Manager, Infosys Ltd., London, UK

The conference concluded with a valedictory session by Dr. Rajiv Kumar. Conference Secretary Dr. Shruti Jain and Dr. Harsh Sohal thanked participants and the organizing team in the valedictory session.



One week online workshop on
**INNOVATIVE SOLUTIONS FOR
 SUSTAINABLE CONSTRUCTIONS IN CIVIL ENGINEERING**
 October 4 – 9, 2021

The Department of Civil Engineering organized a one week online workshop on “Innovative Solutions for Sustainable Constructions in Civil Engineering” from 4th - 9th October, 2021. The workshop was designed for the Academicians/Engineers and Engineering students to give an exposure to the new innovative ideas and current sustainable construction practices in Civil Engineering in order to create a sustainable environment. The program was successfully completed under the auspices of:

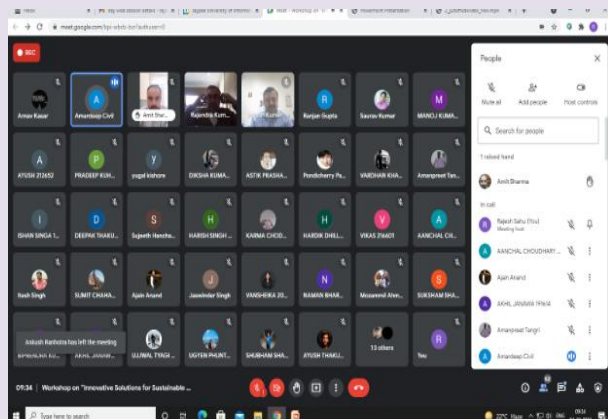
- Prof. (Dr.) Rajendra Kumar Sharma - Vice Chancellor of JUIT Wanknaghat and Patron of the organized CEP by the Department of Civil Engineering.
- Prof. (Dr.) Ashok Kumar Gupta (Dean Academics & Research)
- Prof. (Dr.) Ashish Kumar – HOD, Department of Civil Engineering, JUIT Wanknaghat and Program Chair of the

organized CEP by the Department of Civil Engineering.

- Dr. Amardeep – Assistant Professor, Department of Civil Engineering, JUIT Wanknaghat and Program Convener.

The event was inaugurated by Prof. (Dr.) Ashish Kumar, Head of the Department. An overwhelming response was received for the event. The speakers from Texas State University - USA, IIT Madras, IIT Roorkee, IIT Jodhpur, Thapar University, DCRUST Murthal University and JUIT enlightened the participants on various innovative subject areas of Civil Engineering.

The workshop was concluded by a vote of thanks by the event coordinator. All the attendees took active part in discussions and a range of practical problems were discussed with the expert panel. The content of the lectures delivered, was well appreciated by the participants as highlighted by the positive feedback.



Expert Lecture on

Intelligent Techniques for Autonomous Landing on Mars

Dr. Vinod Kumar, Scientist 'G', Head – GCDAD, Bangalore

October 7, 2021



Dr. Vinod Kumar is presently Division Head of GEO Control Dynamics Design Division. He is also working as Deputy Project Director, Attitude and Orbit Control System, U R Rao Satellite Centre (URSC), Bengaluru. He is fellow of the Institution of Engineers (IEI), India and The Institution of Electronics and Telecommunication Engineers (IETE). He has developed crucial technologies for satellites and a critical mirror motion compensation technique for ISRO's meteorological satellite series. He has also developed autonomy for GEO satellites which has become the backbone of ISRO's fleet of spacecraft including Mars Orbiter Mission. He has been awarded ISRO team excellence award in 2006 by His Excellency former President of India Dr. A.P.J. Abdul Kalam for in orbit management of spacecraft operations. He is a ISO 9001:2015 certified Lead Auditor from Indian Institute of

Quality Management. Before joining the URSC, he worked with Indian Air Force, on fighter aircraft control systems..

He delivered his talk on the topic titled as "Intelligent Techniques for Autonomous Landing on Mars". He emphasized that Mars being the planet of interest to space agencies around the world is very important in the ISRO plans in the decades to come. He explained the problems and also the solutions he and his team came across while planning this mission from a theoretical perspective. He motivated the young and experience researchers alike to work on these problems and encouraged them to come up with new and novel solutions. His talk was coordinated by Dr. Rajiv Kumar, Dr. Shruti Jain, and Dr. Harsh Sohal.

Expert Lecture on

Machine Learning in Communication Networks- Applying neural networks to traffic prediction and control

Dr. Piotr Chołda, Institute of Telecommunications,
AGH University of Science and Technology, Poland

October 7, 2021



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.

Expert Lecture on

Aspects of Time and Space in Wireless Connectivity beyond 5G

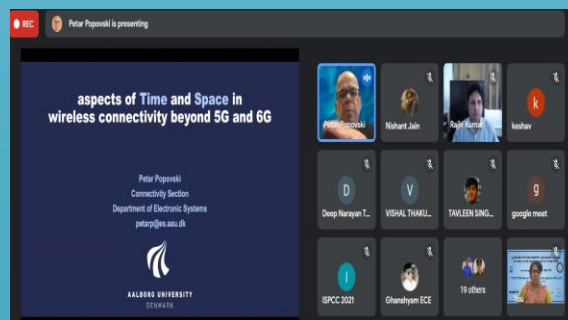
Dr. Peter Popovski, Professor, Head of the Section on Connectivity, Aalborg University, Denmark
October 8, 2021



Dr. Petar Popovski is a Professor in Aalborg University, Denmark where he heads the section on Connectivity. He is a Fellow of the IEEE. He received an ERC Consolidator Grant (2015), the Danish Elite Researcher award (2016), IEEE Fred W. Ellersick prize (2016), IEEE Stephen O. Rice prize (2018), Technical Achievement Award from the IEEE Technical Committee on Smart Grid Communications (2019) and the Danish Telecommunication Prize (2020). He is currently a Member at Large at the Board of Governors in IEEE Communication Society. His research interests are in the area of wireless communication and communication theory. He authored the book “Wireless Connectivity: An Intuitive and Fundamental Guide”, published by Wiley in 2020.

Professor Petar delivered his keynote address to the audience on 8th October 2021 at 04:00pm. He familiarized the participants about 5G and also

showed the way to the researchers of the field by sharing his research path in the communication systems beyond 5G. He encouraged all to work in those areas of communications and presented a viewpoint that communication engineering is becoming more and more important in the coming era of connected world (Internet of Things). The talk was coordinated by Dr. Rajiv Kumar, Dr. Shruti Jain, and Dr. Harsh Sohal.



Expert Lecture on

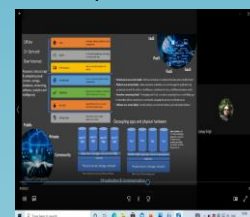
Research and Innovation for sustainable and human centered solutions

Mr. Sanjay Singh, Project manager, Infosys Limited, UK
October 9, 2021



Mr. Sanjay Kumar Singh is a proud JUIT Alumni and has distinction of being called the very FIRST batch of JUIT, Wajnaghat. He completed his B. Tech. in Electronics and Communication Engineering. He 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 and presented 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. His talk was coordinated by Dr. Rajiv Kumar, Dr. Shruti Jain and Dr. Harsh Sohal.



Expert Lecture on

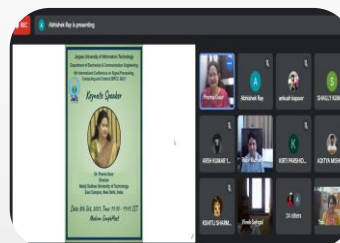
AI based Motion Control

Prof. (Dr.) Prerna Gaur, Director, Netaji Subhas Institute of Technology, East Campus, New Delhi
October 8, 2021



Prof. Prerna Gaur obtained her Ph.D. from Delhi University in the field of Artificial Intelligence and control. Presently she is holding the position of the Director, Netaji Subhas Institute of Technology, East Campus, Delhi. Prior to that she worked as Professor and Head of Instrumentation and Control Department, NSUT, Dwarka, New Delhi. She has 6 years of Industry experience and 24 years of teaching experience in Delhi College Engineering and NSUT, Delhi. She is actively associated with IEEE (Senior Member), ISTE (Life Member), IETE Fellow and IE (Fellow).

Prof. Prerna Gaur has delivered her keynote address on the topic “AI based Motion Control”



at 11:10 am on 8th October, 2021. This keynote was well attended by the participants. More than 100 participants

were there to attend. She was able to emphasize that AI is an approach to solve various problems and should be explored by the researchers to solve problems in their core domains of research. Her talk was coordinated by Dr. Rajiv Kumar, Dr. Shruti Jain, and Dr. Harsh Sohal.

Expert Lecture on

Artificial Intelligence for Industry

Dr. Seshadri Sastry, Head Scientist, Third Presence, Andhra Pradesh
October 9, 2021



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 Ph.D. 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. His talk was coordinated by Dr. Rajiv Kumar, Dr. Shruti Jain, and Dr. Harsh Sohal.

Webinar Series on

ADVANCED TESTING TECHNOLOGIES FOR GEOTECHNICAL INVESTIGATION

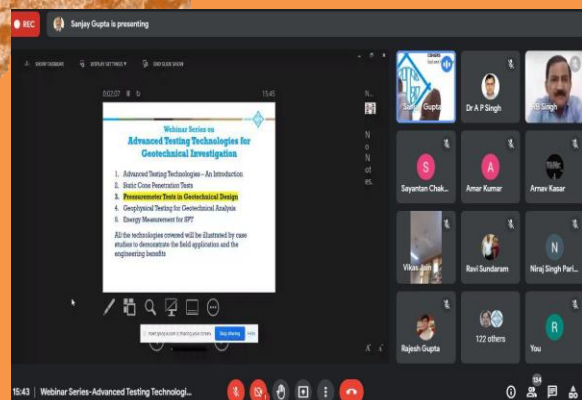
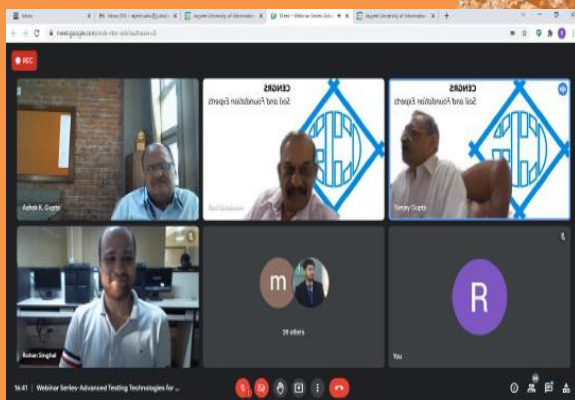
Department of Civil Engineering, Jaypee University of Information Technology (JUIT) in association with Indian Geotechnical Society (IGS) Shimla Chapter organized a webinar series on “Advanced Testing Technologies for Geotechnical Investigation”. The event was inaugurated by Prof. Dr. Ashok K. Gupta, Dean (Academics & Research), JUIT and Chairman IGS Shimla Chapter. Dr. Ashish Kumar, Head of Department, Civil Engineering, JUIT welcomed all the participants and emphasized on the importance of such lectures which can reduce the industry and academia gap. Five lectures, one lecture every week, were delivered by the expert panel from Cengrs Geotechnica Pvt. Ltd. starting from 18 September 2021. The details of topics and speakers are as follows:

1. **Advanced Testing Technologies** – An Introduction (18 September 2021), by **Mr. Ravi Sundaram** – Director, Cengrs Geotechnica Pvt. Ltd.
2. **Static Cone Penetration Test** (25 September 2021), by **Mr. Sorabh Gupta** – Director, Cengrs Geotechnica Pvt. Ltd.
3. **Pressure meter Tests in Geotechnical Design** (01 October 2021), by **Mr. Sanjay**

Gupta – Managing Director, Cengrs Geotechnica Pvt. Ltd.

4. **Geophysical Testing for Geotechnical Analysis** (10 October 2021), by **Mr. Ravi Sundaram** – Director, Cengrs Geotechnica Pvt. Ltd.
5. **Energy measurement for SPT** (16 October 2021), by **Mr. Ankit Uniyal**, Geotechnical Engineer, Cengrs Geotechnica Pvt. Ltd.

The event was coordinated by Mr. Neeraj Singh Parihar and Mr. Rohan Singhal, Assistant Professors, Department of Civil Engineering, JUIT. The webinar series targeted the geotechnical practitioners from academia and construction industry. An overwhelming response was received with more than 480 registrations for the event. All the attendees took active part in discussions and a range of practical problems were discussed with the expert panel. Mr. Ravi Sundaram, Director Cengrs Geotechnica Pvt. Ltd. expressed his interest in collaborating further with JUIT. The webinar series was concluded by a vote of thanks by Prof. Dr. Ashok K. Gupta. The content of the lectures delivered, was well appreciated by the participants as highlighted by the positive feedback.



JUIT Student Chapter of IGBC

WEBINAR ON LEAN CONSTRUCTION

July 12, 2021

Jaypee University of Information and Technology's Student Chapter of Indian Green Building Council (IGBC) was inaugurated on 13th May 2021. The webinar on Lean construction dated 12th July 2021 was arranged and organised by JUIT student chapter of IGBC under Online Expert Lecture Series on Fundamental of Green Building Construction. The program focuses on the identification of lag activities, reason behind lag and their lean solution in simple and complex industry projects, by using 60+ lean tools and designs for different industry related problem. The webinar was beneficial to developers, builder's students and construction companies.

IGBC Webinar Team and Schedule

Mr. Jit Kumar Gupta - Chair, IGBC Chandigarh Chapter - Welcome Remarks

Mr. Tony Jacob - Director & Principal Consultant Constask Management Solution LLP - Technical Session

Mr. Amit Srivastava - Co-Chairman, IGBC UP Chapter - Concluding Remarks

Coordinator

Dr. Tanmay Gupta, Chairman, JUIT student Chapter of IGBC

Mr. Jit Kumar Gupta opened the webinar by providing an overview on Lean Construction and effectively linked it with the upliftment of work which will lead to benefit of society. Next Mr. Tony Jacob showed the grey shade of the construction industry, how they are struggling to achieve time, cost & quality at the same time which states the deficiency or gap in Macro and Micro Planning. To bridge the gap revamp is the alternate solution suggested by the speaker which works on a management methodology & approach that all constraints are on the same page without disturbing the workflow. Speaker

also explains silo optimization which is the result of overburden due to a gap in workflow by delayed information, resources, etc. in which everyone will be worried about their output ignoring the overall project outcome, giving rise to the demand of lean construction having 60+ design and tools. The two design tools discussed were The Last Planner System LPS and Value Stream Mapping, the latter system was used to design the proper & predictable workflow by



imparting value flow in the industry. Value Stream Mapping will help in evaluating and excluding the non-value adding services in the project which can obstruct the workflow, then after discussing the lean constructions for project professionals the advantages concerning Productivity, Time, Cost, Safety, and Quality were discussed. After the end of the Technical Session, Q & A or queries were discussed and proficiently answered by Mr. Tony Jacob. Mr. Amit Srivastava ended the webinar with his concluding remarks on lean construction.

Webinar on

ACING THE INTERVIEW

July 18, 2021

Department of Electronics and Communication Engineering, JUIT has organized a Webinar on “Acing the interview” on 18th July 2021. The aim of the webinar was to introduce the real life placement scenario by an expert Mr. Akhilesh Kumar, Software Engineer at QUINBAY, ECE Alumni (2016-2020), Jaypee University of Information Technology.

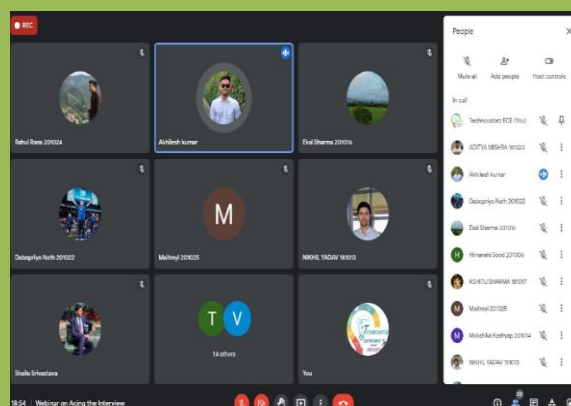
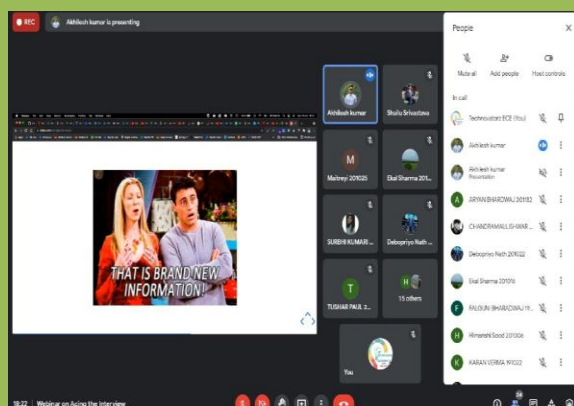
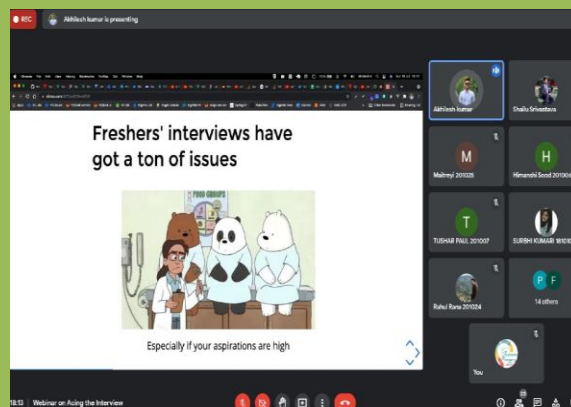
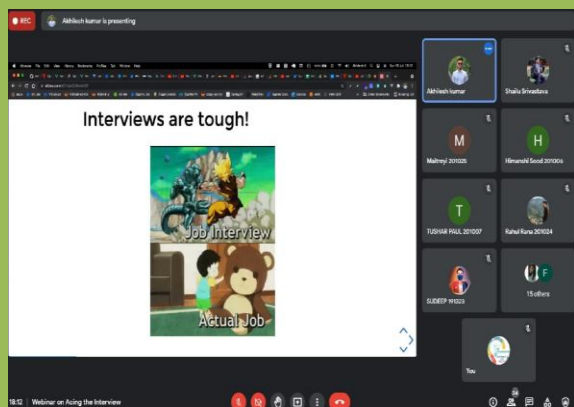
This webinar was all about queries related to placement. With vast industry knowledge Mr. Akhilesh explained the interview process with detailed structure and skill sets required for any individual. He continued explaining the difference between product based company and service based company. He enlightened students about different platforms for practice purposes.



He beautifully defined the current industry requirements. He highlighted on the topics like:

1. Choosing a career in a Core ECE company
2. Preparing for higher education
3. Difference between Product based and Service based companies

He encouraged students to explore their desired domain and work on the particular skill set. He entangled the confusion between the different streams among the students. He mentioned relevant source internships and job opportunities. The key note by him was to "maintain good digital profile and brush up your skills". At end of the session several queries raised by the participants were answered in interactive manner.



IPR Cell Webinar on

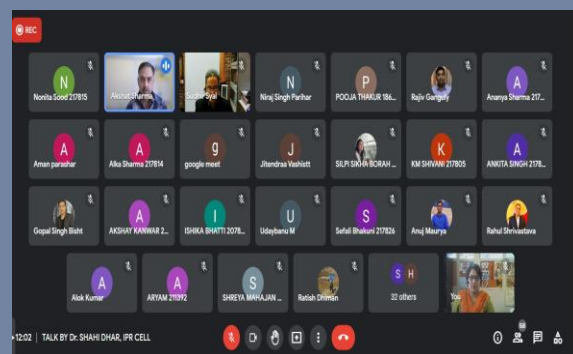
ROLE OF HP PATENT INFORMATION CENTRE IN FILLING THE PATENTS

October 30, 2021

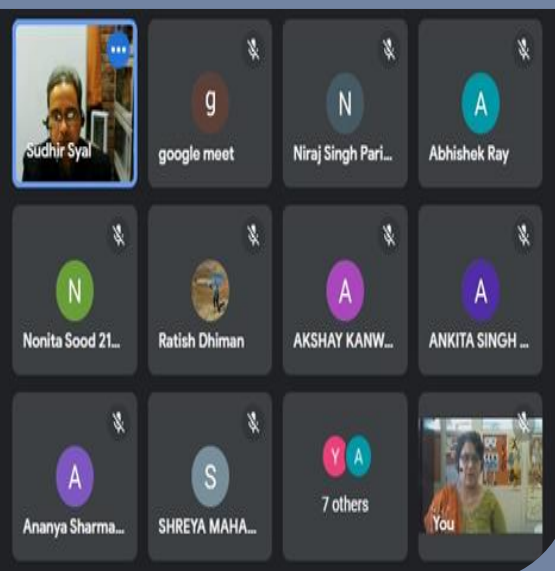
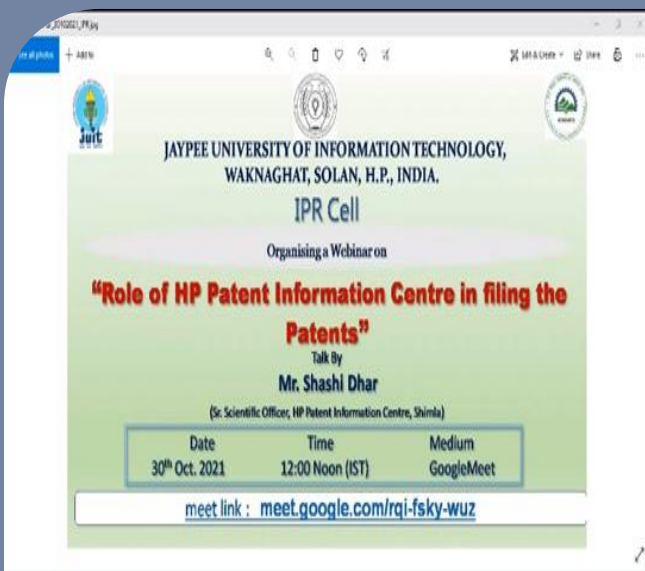


IPR cell, JUIT Wagnaghat organized a webinar on October 30, 2021. A webinar was conducted by Mr. Shashi Dhar (invited speaker), Sr. Scientific Officer, HP Patent Information Centre, Shimla. He delivered his talk on “Role of HP Patent Information Centre in filing the Patents”. The event was started at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

This talk was to sensitize students, faculty members towards patent filing process through HP Patent Information Centre, HIMCOSTE, Shimla. He explained the concept of trademarks, patents, and copyrights. He further highlighted the need to decipher inventiveness in research projects, art work, and designs. He explained all the steps involved in filling a patent. He presented a case study of a Solar Heater and discussed the model way of writing claims, inventive steps, title and description of the invention. The IP Team of JUIT (Dr. Sudhir



Kumar, Dr. Shruti Jain, Dr. Hemraj Saini) owe their thanks to HIMCOSTE, Shimla for providing support. The IPR Cell of JUIT assured the participants to answer their queries, if any, in future and assured them to provide all possible assistance in filing their IPs. Dr. Shruti Jain shared the necessary patent related forms with all the participants. The event was concluded with a thank note and Mr. Shashi Dhar praised the active participation of JUIT – IPR Cell towards patent filing and awareness drive. He assured constant support and guidance of HP Patent Information Centre towards IP activities of JUIT.



Webinar on
WOMEN EQUALITY DAY
 August 26, 2021



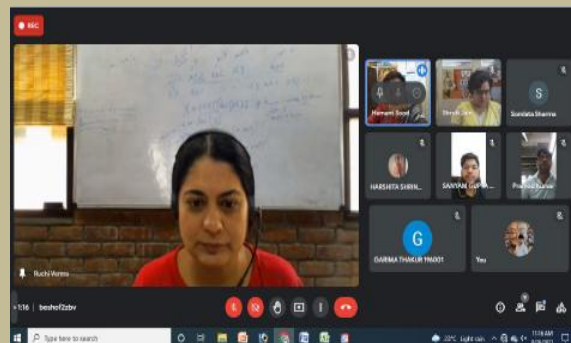
#GenderEquality

Nothing is more empowering than women coming together to support one another and build a world where women do not have to fight for the basic rights. The Internal Complaints Committee, JUIT Wanknaghat celebrated Women Equality Day on 26th August 2021 via online mode. The event was attended by ICC & Caste-Based Discrimination committee members. Dr. Shruti Jain, the Presiding Officer of ICC, commenced the webinar by extending her warm welcome to the speaker of the session Dr. Hemant Sood and Dr. Ruchi Verma faculty members of ICC & Caste-Based Discrimination committee.



Dr. Hemant Sood and Dr. Ruchi Verma delivered a talk to celebrate the anniversary of this hard-won achievement and pay tribute to the trailblazers and suffragists who moved us closer to a better and prosperous future. We resolve to protect this constitutional right and pledge to continue fighting for equality of women and girls. The session was concluded by a vote of thanks by Dr. Shruti Jain, Presiding Officer of

ICC. She expressed her gratitude to the university administration for their constant encouragement and support in conducting the webinar.





Webinar on

WHY DO WE NEED TO EMPOWER OUR WOMEN?

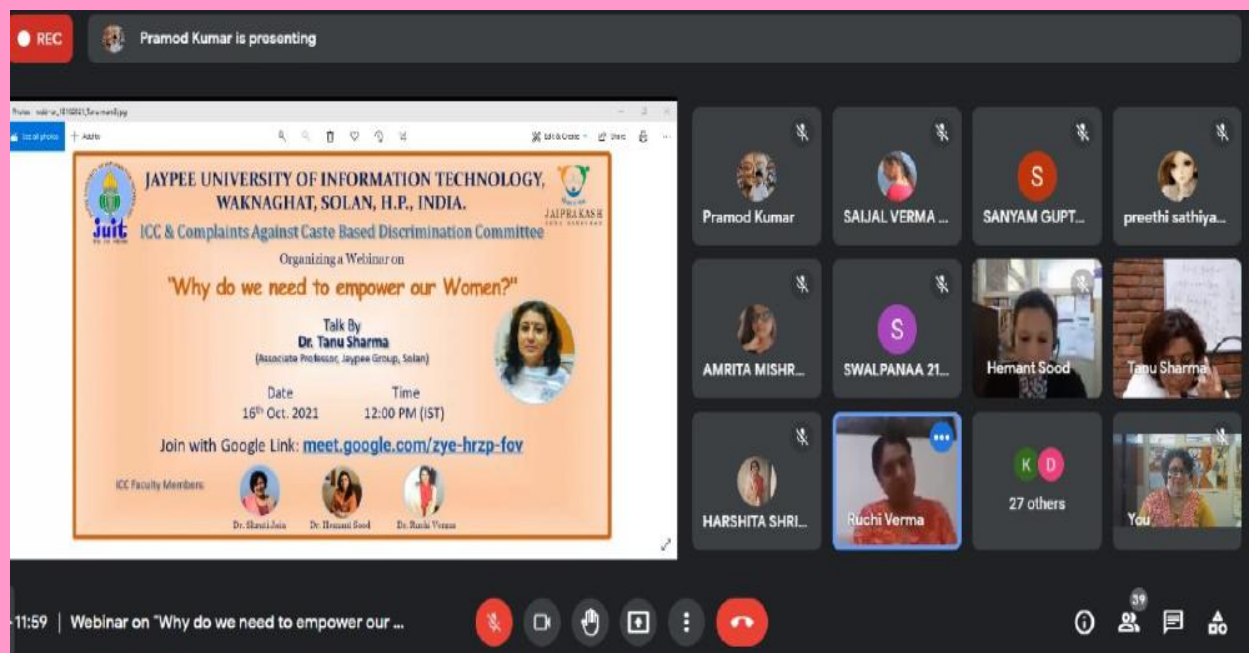
August 26, 2021

The Internal Complaints Committee and Complaint Against Caste Based Committee, JUIT, Wagnaghat organized a webinar on the topic 'Why do we need to empower our women' on 16th October 2021 at 12.00 pm on the Google Meet platform. The event was attended by 59 participants including faculty, research scholars and students from different universities across India. The event was started by the welcoming words of Dr. Ruchi Verma and the introducing of the guest of the webinar was Dr. Tanu Sharma. Dr. Shruti Jain and Dr. Hemant Sood also extended their hearty welcome to the guest and shared few words of wisdom and cited some statistic regarding status of empowered women world over and their success mantras. The session was proceeded by the lecture of Dr. Tanu Sharma, an Associate

Professor at JUIT. She highlighted the following key points-

- Need of empowerment
- Importance of empowerment
- Mentioned some example - Oprah Winfrey, Kamala Harris
- Her experience
- At the end Dr. Tanu responded to the questions from the audience.

Towards the end of the session, Dr. Ruchi Verma expressed her gratitude to the university administration for their constant encouragement and support in conducting the integrated events, the ICC team for hosting the event and participants for making it a grand success. This was followed by a vote of thanks by Ms. Harshita and Dr. Hemant Sood.





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.



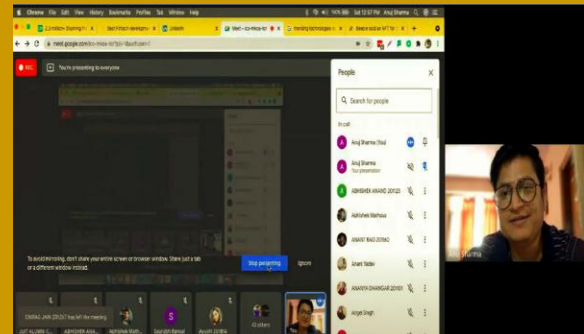
Alumni Cell webinar

A TALK BY MR. ANUJ SHARMA

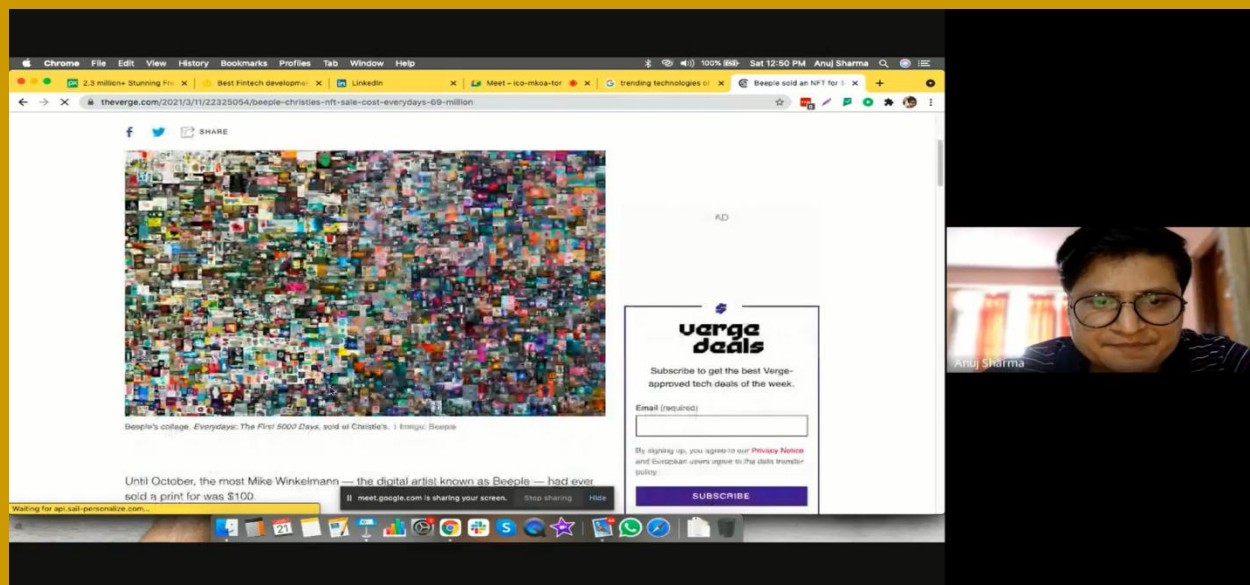
August 21, 2021

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.



TIED Cell

E-SUMMIT'21

October 15 – 17, 2021

Technology Incubation and Entrepreneurship Development Cell, JUIT (TIEDC) organised an E-Summit'21 during 15 – 17 October 2021. The event was coordinated by Prof. Ashish Kumar, Head, TIEDC at JUIT. The event was started on high note with the Networking session of Mr. Raja Sekhar who motivated the attendees with his very enthusiastic and thoughtful words. The E-Summit envelops various dimensions through different segments.

- Executive Symposium
- Marketing Mockup
- Ideathon
- Creators Table
- Informal Night



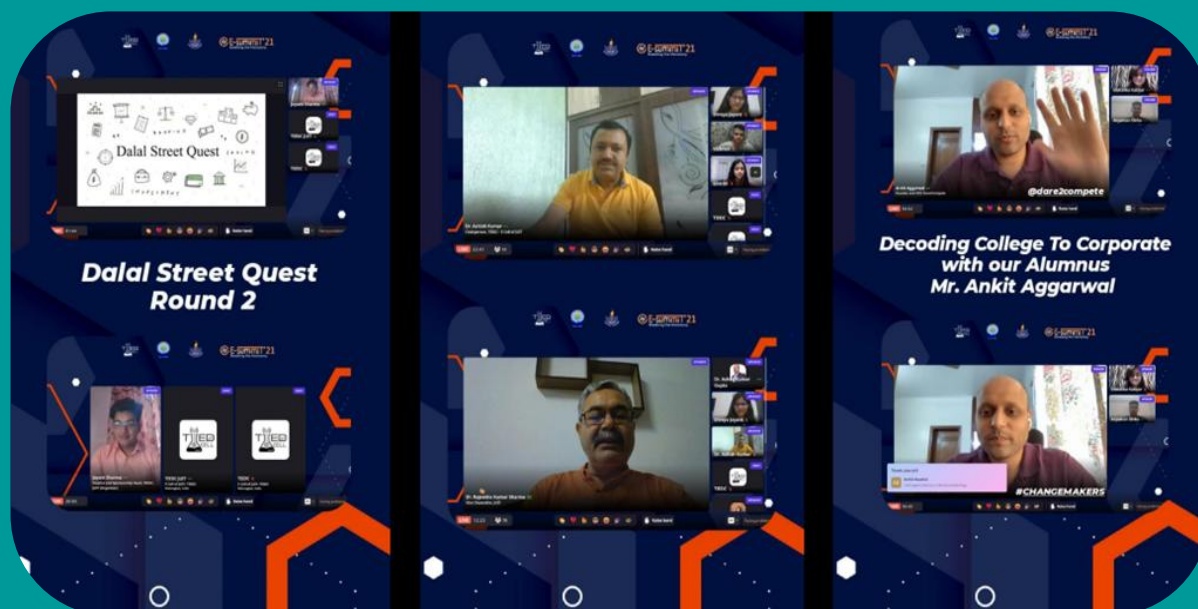
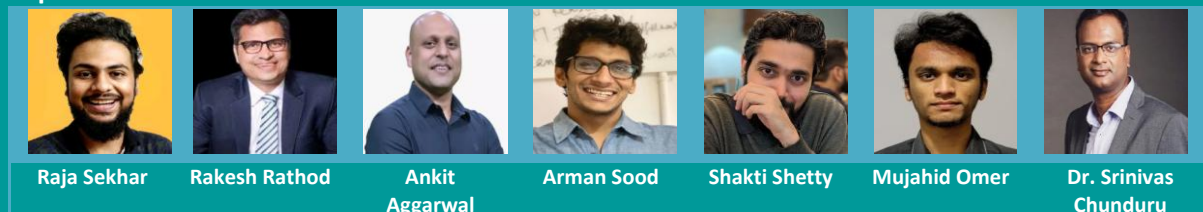
Creator's Table

A moderated panel discussion on the topic:

"How startups are competing with corporate giants."



Speakers in the event:

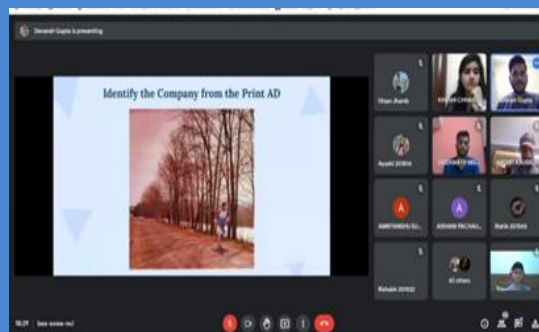


TIEDC Cell

BIZQUIZ

July 31 – 01 August 2021

TIEDC organized “Biz Quiz” on 31st July and 1st August, 2021. The quiz focused at providing an extremely interactive and profound knowledge gathering experience for not only the participants but everyone who attended it. The event at large was divided into two rounds namely the Prelims and Finals. A total of 33 teams competed in the prelims, out of which only 8 were selected for the finals.



TIEDC Cell

VIRTUAL ROAD SHOW

September 05, 2021

TIEDC in collaboration with iCreate conducted a Virtual Road Show with the purpose of explaining the growth and scope in electronic vehicles. The workshop was focused on promoting and encouraging young minds to brainstorm and come up with ideas to become a part of this growing industry.



TIEDC, e-Yantra & Technoatorz Club

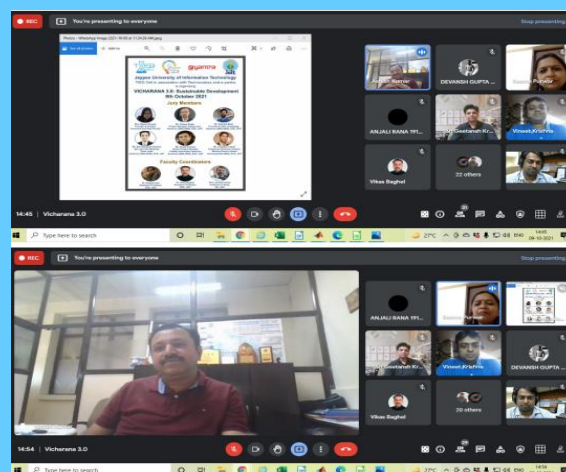
VICHARANA 3.0:

Sustainable Development

October 09, 2021

VICHARANA 3.0: Sustainable Development was organized by TIED Cell in association with e-Yantra and Technovatorz club of Department of Electronics and Communication Engineering on 09th Oct 2021 through GoogleMeet. Under the event innovative ideas related to Sustainable Development were invited in the following three themes:

1. Affordable and Clean Energy
2. Quality Education
3. Sustainable Cities and Communities



21 teams that involved a total of 65 participants had submitted their ideas.

TIED Cell

COLLEGE TO CORPORATE - WEBINAR 1

July 4, 2021

TIED Cell of JUIT has organized a webinar on 'College to corporate', in which 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.

All discussions were held in a webinar 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.

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.

TIED Cell

COLLEGE TO CORPORATE - WEBINAR 2

July 9, 2021

The Guest sought to provide insightful vision into Startup building, difference between startups & Corporate Jobs, with an overall touch of lessons fueled by his own experience in the corporate world.

"It's fine to celebrate success but it is more important to heed the lessons of failure. In this webinar we learnt the key metrics of a startup and to grow entrepreneurship skills having received the proper ways to go about developing these skills, the webinar with Vibhor suri Sir was a success and ended with lots of motivation.

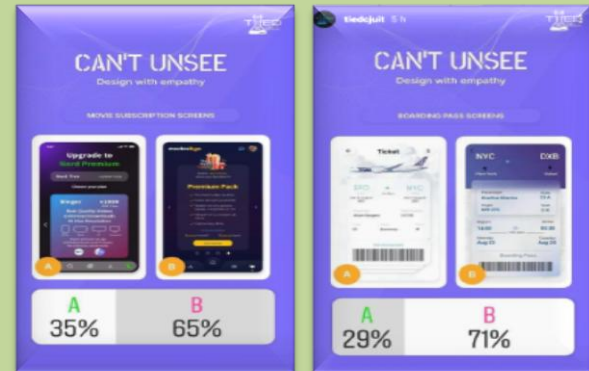


TIDC event
CAN'T UNSEE
 July 13, 2021



The event revolves around designing Human-centred interfaces while also making the UI look good. Each Participant has been provided with a feature list that they have to translate into a UI design using any of the design software(s). A few selected UI's then posted on the TIEDC'S Instagram story along with a poll. The winning participant has been announced through the same platform as well.

Can't Unsee, as the name suggests, the objective of the event is to bring out the User-friendly experience and innovatory skills of the participants based on UI/UX and to make them familiar with certain layouts and patterns. From the typography to the colour, every aspect of a digital screen influences the user's interaction, and satisfaction, with the app or website. UI design involves the complex art of arranging these elements to guide the user and keep cognitive load to a minimum while creating



beautiful, unique experiences that bring the design to life.

The Event unfolded very successfully, with the participants getting a lot of eye-opening insights into UI/UX and overall development of their User-centric approach like using colours and typography, and then move on to more complex things like designing UI patterns. The Event ended with a highly positive feedback the participants.

TIDC Cell
VIRTUAL ROAD SHOW
 September 5, 2021

TIEDC in collaboration with iCreate conducted a Virtual Road Show with the purpose of explaining the growth and scope in electronic vehicles. The workshop was focused on promoting and encouraging young minds to brainstorm and come up with ideas to become a part of this growing industry. The workshop was a very intuitive and unique learning experience and had very profound and exquisite speakers including Dr. Ashish Rohila, Dr. Shantanu Chaturvedi and Mr. Aakarshan Sethi. The timeline of the electronic vehicle industry was explained in a neat and organized way which made understanding the entire concept



relatively easy. All questions asked by the participants were answered in a satisfactory way making the workshop extremely necessary and enjoyable.

TIEDC Cell

BIZQUIZ

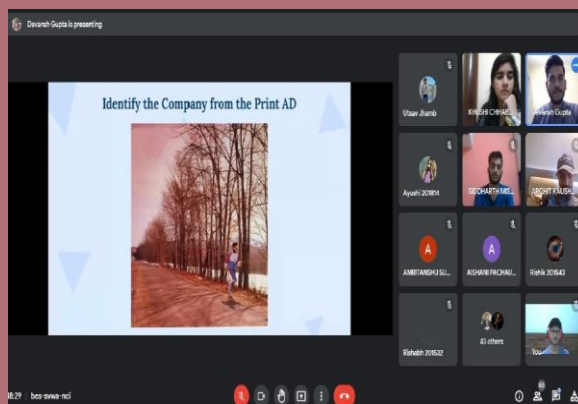
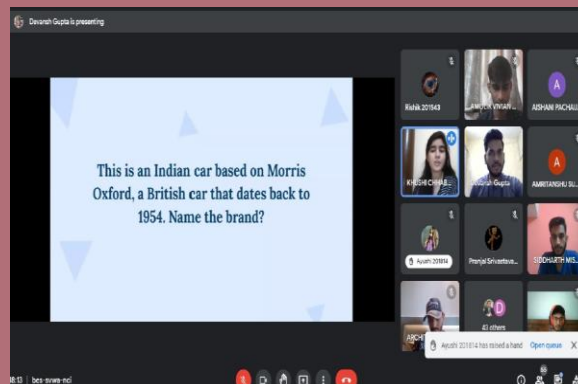
July 31 – August 1, 2021



TIEDC organized “Biz Quiz” on 31st July and 1st August, 2021. The quiz focused at providing an extremely interactive and profound knowledge gathering experience for not only the participants but everyone who attended it. The event was divided into two rounds namely the Prelims and Finals. A total of 33 teams competed in the prelims, out of which only 8 were selected for the finals. The Finals on the very next day consisted of 4 sub-rounds with a variety of questions and question types, truly testing the knowledge banks of all individual teams and their adherence to stay in the game. The quiz at large proved to be effective at opening young minds by not only expanding their knowledge levels, but also enhancing their time management capabilities, further motivating them to keep learning and growing. 66 participants attended the event.



Winners:

1. Komal and Monisha - Amazon Voucher (3K)
2. Swastik and Devansh - Amazon Voucher (2K)
3. Daniel and Drishti - Amazon Voucher (1K)



INTERNATIONAL WEBINAR SERIES (IWS) SEASON 2

The team of Centre of Excellence in Healthcare Technologies and Informatics (CEHTI) had started an International Webinar Series in 2020. Now the season 2 of this IWS started from September 2021 onwards. Webinars in which JUIT alumni delivered webinars on diversified topics related to Bioinformatics, Biomedical informatics and Healthcare sectors.

IWS – Season 2 – Session 1		IWS – Season 2 – Session 2	
	Dr. Ankush Bansal Centre for Neuroscience Research, Children's National Hospital, Washington DC, USA Date: September, 11, 2021 Time: 04:00 PM IST AI platform to catalog unconventional stress proteins for deep exploration of space.		Webinar on “Research Data Management and FAIR Principles for Healthcare Data” on Research and Technological Advancements in Bioinformatics" by Dr. Gurnoor Singh , Center for Molecular and Biomolecular Informatics, Radboud UMC, Nijmegen, Netherlands on 9th Oct 2021.

IEEE-JUIT STUDENT BRANCH EVENTS

Web Development Sessions:

To get the upcoming buds of IEEE up and working on their feet, IEEE JUIT-SB organized a Web Development Session series every week on Monday.

1. WEB DEVELOPMENT SESSIONS: IEEE JUIT-SB organized a Web Development Session series that kick started on 18th October 2021, with the first session where the basic concepts of HTML were introduced to the new members. The session turned captivating with the active participation of every individual present. Students were given considerate time to clear out all their doubts. Considering the session as a launching force, students walked out with an ample amount of knowledge and curiosity to explore more in this particular field. 83 Participants took part in this session.



2. C PROGRAMMING SESSIONS: A programming session to introduce the basic concepts of the C language was organized on 19th October 2021. The main motive of the session was to make students congenial to “C PROGRAMMING”. The enthusiastic involvement of students was discerned. Technical heads of the club hosted the event and helped out the students to gain clarity. This gave students great motivation to learn and explore this very basic but important technical field. Over 80 students participated in the session.



3. VIDEO EDITING SESSIONS: A session to introduce the basic video editing skills using the software Adobe Premiere Pro was organized on 20th October 2021. The main motive of the session was to make students congenial to “VIDEO EDITING”. The enthusiastic involvement of students was discerned. Media and Publicity heads of the club hosted the event and helped out the students to gain clarity. This gave students great motivation to learn and explore this technical field. Nearly 60 students had taken part in the session.



4. GAME DEVELOPMENT SESSIONS: Game Development, emerging to be one of the most important subjects these days. The club initiated organizing Game development sessions which saw overwhelming participation from members. Students were taught about types of games, the technologies used behind them and Python. Considering the session as a launching force, students walked out with an ample amount of knowledge and curiosity to explore more in this particular field. Over 60 students participated in the event.

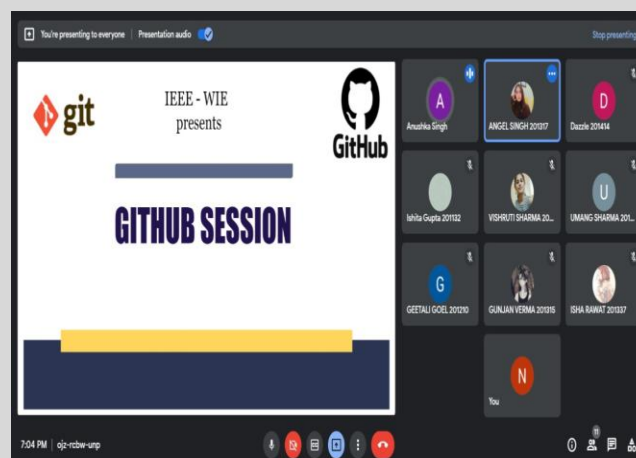


5. GRAPHIC DESIGNING SESSIONS: IEEE-JUIT SB organized a graphic designing session for all the first-year students on 22nd October 2021. Students expressed their curiosity towards the tools used for graphic design. The session hosts handled all the doubts and queries regarding the same. All in all, the session had an indelible impression and a fruitful outcome. 75 students participated in the session.



Women in Engineering (WIE)
IEEE – JUIT Student Branch
GITHUB SESSION
September 30, 2021

WIE-IEEE-JUIT-SB organized an amazing two-hour long session exclusively for girls where they were guided about the GitHub – its benefits and how to use GitHub, various Git commands and also gave a practical guidance on GitHub which included generating a pull request and various projects. The session provided information of the annual open-source event – HACKTOBERFEST conducted by Digital Ocean. The session motivated girls towards open-source contribution and resulted in a great positive response which helped girls to connect more technically.



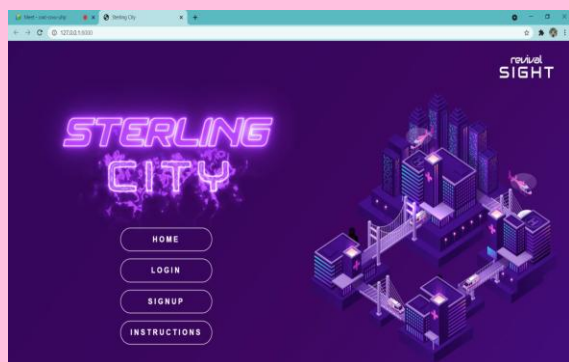
REVIVAL SIGHT

October 08-10, 2021

IEEE SIGHT JUIT coordinated a three-day occasion Revival Sight from October 08-10, 2021. The objective of the event was to educate students about IEEE SIGHT and how to utilize resources, work in groups, and think for solutions. More than 90 students participated in the event. The occasion was magnificent with our incredible sponsors - CODING NINJAS, WHARF STREET STRATEGIES, EGGHEAD.IO, TASKADE.

The Events included-

Sterling City - In this event participants use our specially designed interface to reprogram a city

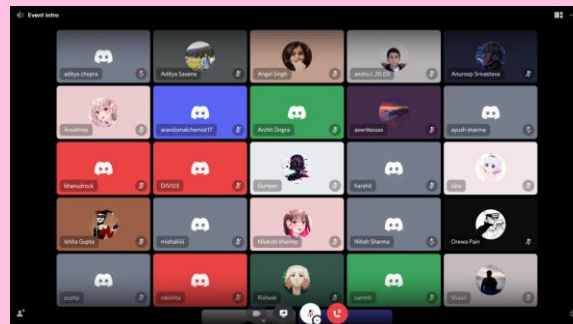


to stop the chaos. The event outlines how technology can cause destruction and the need for a planned approach towards sustainable development is necessary.

Renegade Island Prison - A video game developed by SIGHT members, on Unity, in association with Wharf Street Strategies, London. The concept is to decode the clues in careful design, using wisdom and critical thinking, to cope out of the ordinary.

Perplexing Plot - In this event, team has to solve the puzzles, basics of crossword and grids using creativity.

Abstruse - In this event, a virtual world full of mysteries and surprises and have to gather resources to solve the mystery and to beat the game.

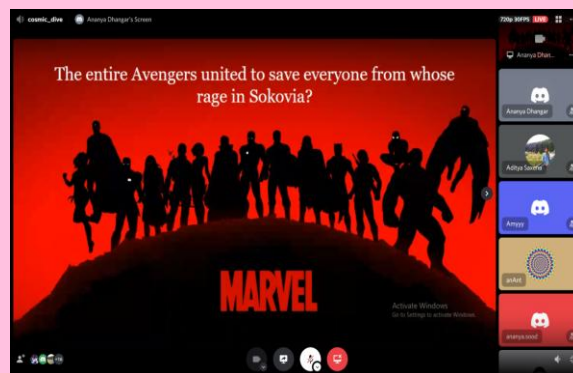


Members showed their ability and utilized their imaginative abilities to perform the best they can, while working in teams. Everyone performed well in the activities, but the best performers were awarded for their achievements -

- Anushree Singh for the event Abstruse
- Team ACE SQUAD (Nilakshi, Anushree, Shivansh, Gaurav) for the event Perplexing Plot
- Akhil Rajput for the event Renegade Island Prison
- Aarav for the event Sterling City

Team ACE SQUAD (Nilakshi, Anushree, Shivansh, Gaurav) was also declared the BEST TEAM for the event.

The efforts and hard work put in by the team marked some memorable moments and led to many new thoughts that will be fulfilling as future expectations.



IEEE – JUIT Student Branch

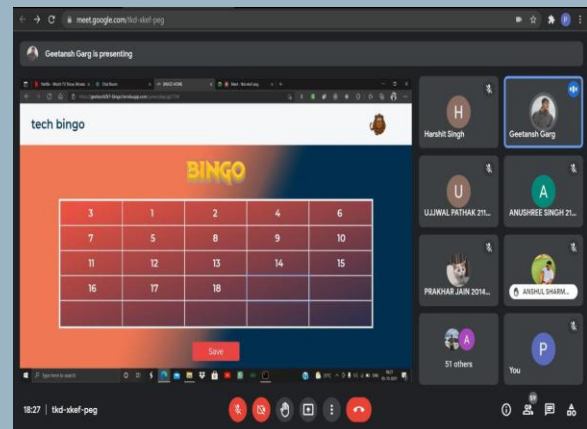
IEEE DAY CELEBRATIONS

October 05, 2021



IEEE JUIT-SB successfully celebrated IEEE day, on October 05, 2021. The third year student members of the IEEE JUIT SB presented various projects made by them, including but not limited to, Virtual Cricket League (VCL), Spooky Cubes, Intruder Alert, Dora – The AI Assistant and Netflix Clone. The first year students were particularly interested in the VCL and Dora – The Assistant. They raised various questions regarding the working and platforms involved of the projects. A fun event named TechBingo was also conducted especially for the new joiners. This Bingo with a twist consisted of various Technical and IEEE related questions and the participants had to answer according to the mappings provided.

The winner of the TechBingo, Anushree Singh, was declared right after and was rewarded with



a Fully Sponsored IEEE Membership. A more than 60 students participated in the event. The IEEE JUIT SB team paid the gratitude towards IEEE JUIT SB mentor Prof. Sunil Khah, Branch Counselor Dr. Shruti Jain, and faculty member Dr. Yugal Kumar for their exceptional support.

IEEE – JUIT Student Branch

CETPA WORKSHOP ON PYTHON

September 02, 2021

IEEE JUIT-SB organized CETPA Workshop for its members on Python. The workshop held on 2nd September 2021. It was organized to introduce the basic concepts of Python to its members. The session turned captivating with the active participation of every individual present. Students were given considerate time to clear out all their doubts. Considering the session as a launching force, students walked out with an ample amount of knowledge and curiosity to explore more in this particular field. Over 80 participants participated in the workshop.



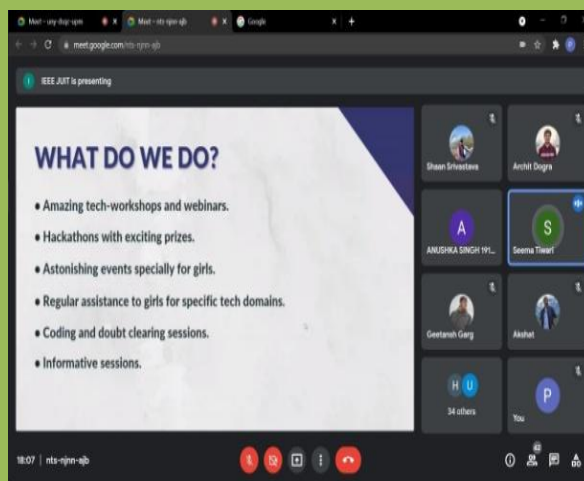
IEEE – JUIT Student Branch

ORIENTATION AND INTERVIEWS

September 20, 2021

IEEE-JUIT SB organized a digital orientation session for the upcoming JUIT students. The session was inaugurated by an introductory speech by Chairperson Pushp Jain followed by introduction to various domains of IEEE by other council members. The club's motive to enhance a students' technical domain and prepare them for the outer world competition was made comprehensible. Secretary Ravi Srivastava made the first-year students acquainted with the council. To encourage active participation, past members also shared their experiences and interacted with the newcomers.

After briefing about everything, interested students went through a rigorous selection



process for the same. The Club members took the interviews of 200 students, the council selected 115 for 2021-2022 tenure.

IEEE – JUIT Student Branch

DRISHTI – IEEE SIGHT JUIT Inauguration Ceremony

September 20, 2021



IEEE SIGHT JUIT hosts it's Virtual Inauguration Ceremony on 1st, October, 2021 on Google Meet platform.

This ceremony was hosted to mark the beginning of the newly founded club IEEE SIGHT "DRISHTI" at JUIT, enrolled under the Institute of Electrical and Electronics Engineers, USA. The ceremony also provided the attendees with the data and bits of knowledge regarding the club and its working.

Aditya Saxena, Chairperson of this newly formed club, along with Ananya Sood (Treasurer) and Lalita Gupta (Vice Chairperson) hosted this ceremony. The chief guests shared their insight and provided guidance on the



working of the special interest group on humanitarian technology, and wished success to the young leaders of this club for their upcoming tenure.

JUIT Hosts

HACK-A-CARE

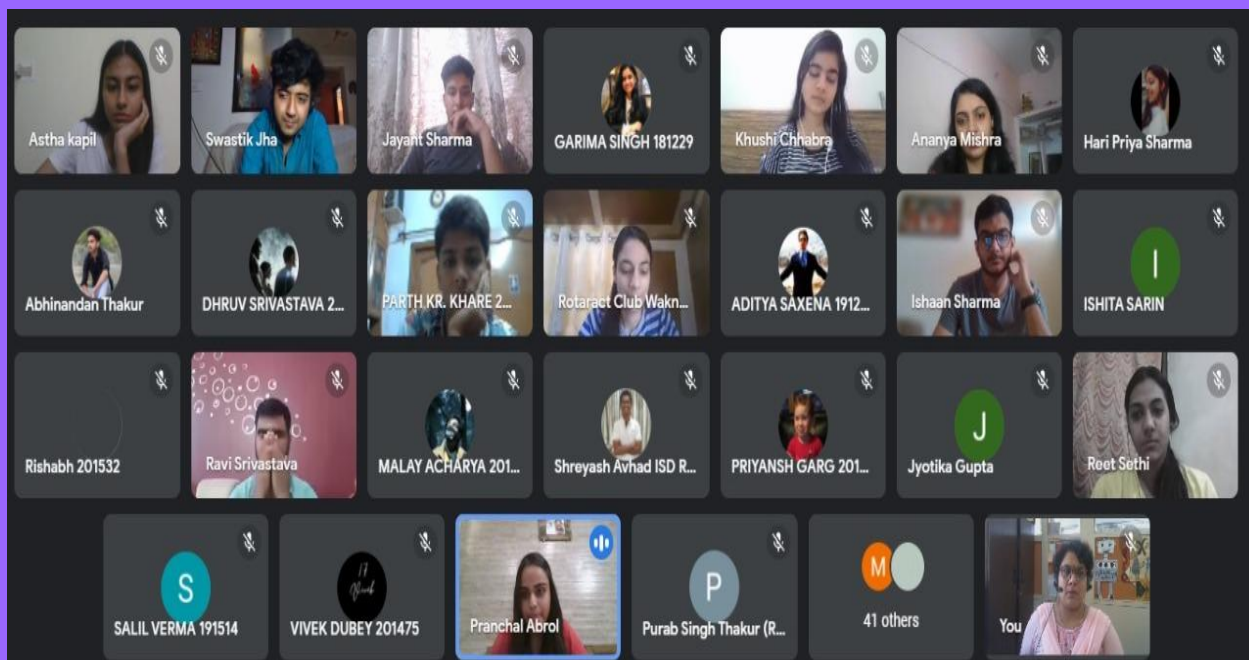
August 28-29, 2021

Jaypee University of Information Technology, Solan organised hack- a- thon "Hack-a-care" on August 28-29, 2021. Dr. Shruti Jain (faculty in-charge) declared the ceremony open and wished all the participants good luck. Prof (Dr.) Vivek Sehgal, HOD, CSE & IT, PDRR RSAMDIO Yatin Seghal and Rtr. Dhruv Batra were also onboard for this 24-hour long event.

Hack-a-care received more than 70 registrations from more than seven colleges including SRM, IIT Roorkee, LNMIT, and Hansraj College. Endeavored to uplift the vocational avenue by working towards the personality development of students encompassing the dynamic construction of their communication skills and an enhancement in their critical thinking, this socialthon provided a great platform to ideate, innovate and invent.

The theme for Hack-a-care 2021 was "Technological Advancement in the world of

Healthcare, SWAASTH". Participants came up with innovative ideas and projects addressing the issue of sanitation, physical and mental wellness, hospital management, etc. The judges appreciated the efforts and approach of students and also suggested few ways to improve the working of prototypes. As participants walked out with better knowledge and thinking, the event was truly a great success.



IEEE – JUIT Student Branch

IEEE STUDENT CHAPTER – MEMBERSHIP DRIVE

October 23, 2021

Membership development committee of IEEE Delhi Section in collaboration with the IEEE-JUIT Student branch organized a webinar on "Benefits of IEEE Membership for UG, PG and Faculty Members". Some of the technical universities of the nation like IIT Mandi, IIIT Una, Bahra University, UIT HPU and Chitkara University actively participated in the drive.

The session was inaugurated by an introductory speech by Prof. (Dr.) Rachana Garg, Chairperson, IEEE Delhi Section who briefed about the various benefits of an IEEE Membership. She was followed by Prof. (Dr.) Abdul Q. Ansari, Vice Chairperson, IEEE Delhi Section who shared his immense experience with the young participants on how an IEEE Membership benefitted him at various stages of his career. It was indeed an eye opening and highly motivating talk.

The drive's motive was to enhance students' technical domain and tell them about the benefits an active IEEE membership has to offer. Dr. Rajesh M. Pindoriya, IIT Mandi, educated

the participants about the benefits of IEEE for UG, PG students and faculty members. He is Founding Chairperson of IEEE PELS and SIGHT Group. He dived deep into the benefits and made sure that everyone was well aware of the uncountable benefits of IEEE.

The drive was coordinated and hosted by the Branch Counsellor IEEE JUIT SB, Dr. Shruti Jain. At the end the vote of thanks was given by Prof. (Dr.) Jasdeep Kaur Dhanoa thanked all our esteemed speakers. The drive overall was a huge success and saw massive participation.

IEEE Delhi Section
Membership Development Committee
presents a webinar on

**Benefits of IEEE Membership for UG, PG and Faculty Members:
Organized for Himachal Pradesh Region**

What you will get from this webinar

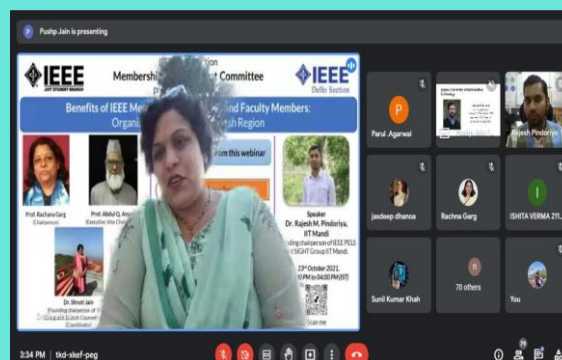
- Why IEEE Membership
- Travel Grant, Awards and etc.
- Education Scholarship for UG and PG students
- Try Engineering, STEM, EPICS
- Benefits of Student Branch

Speakers:
Prof. Rachana Garg (Chairperson)
Prof. Abdul Q. Ansari (Executive Vice Chairperson)
Dr. Shruti Jain (Founding chairperson of SIGHT Group and Branch Counsellor, JUIT) (Coordinator)

Speaker:
Dr. Rajesh M. Pindoriya, IIT Mandi
Founding Chairperson of IEEE PELS and SIGHT Group IIT Mandi.

23rd October 2021, 03:00 PM to 04:00 PM (IST)

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Celebration

INDEPENDENCE DAY

August 15, 2021

The 75th Independence Day celebration ceremony started with the unfurling of National Flag by the Advisor Prof. Vinod Kumar Ji (former Vice Chancellor of the University) and the newly joined Hon'ble Vice Chancellor of JUIT Prof. (Dr.) Rajendra Kumar Sharma Ji. National Anthem was sung. The Advisor addressed the audience and urged all to contribute in the nation building process. The research scholars, faculty and staff members along with their families were participated in the ceremony. The event was ended with high tea.



Academic Institution Visit

VISIT OF GOVT. MOHINDRA COLLEGE PATIALA, PANJAB TO JUIT

October 09, 2021

Academic institution visit was carried out at Department of Biotechnology-Jaypee University of Information Technology Waknaghat-Solan on 09th October, 2021 especially for UG students of



Govt. Mohindra College Patiala-Punjab (BSc Medical). The main objective behind the visit was to make student aware about how various activities related to microbiology, molecular biology, plant biotechnology, environmental biotechnology, biogas production and sophisticated instrumentation is running in the Department of Biotechnology & Bioinformatics-Jaypee University of Information Technology Waknaghat-Solan and give them feel of biotechnology applications as soon as they start their courses in higher studies in this domain.



Students took almost three hour to see all laboratories and complete set of instruments which was followed by questions of students. They also performed basic experiments of blood group

testing and our team demonstrated DNA extraction procedure followed by its visualization to all students. We appreciate faculty and staff member who guided students with each and every question with detailed answers.

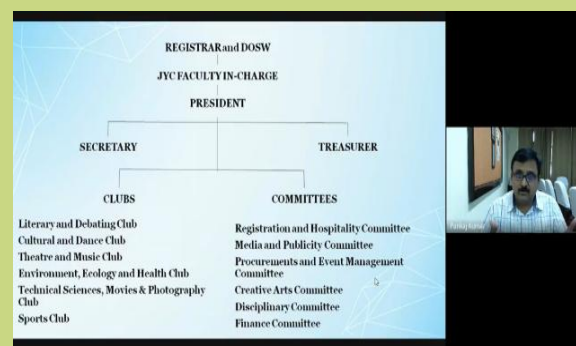
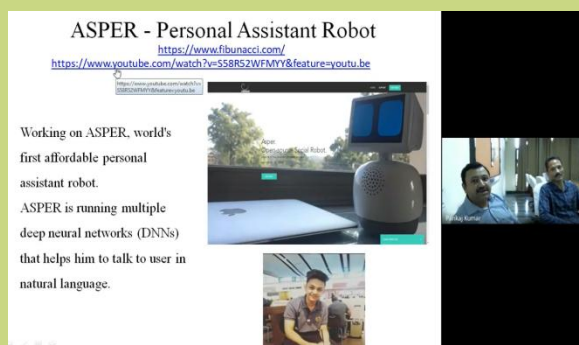
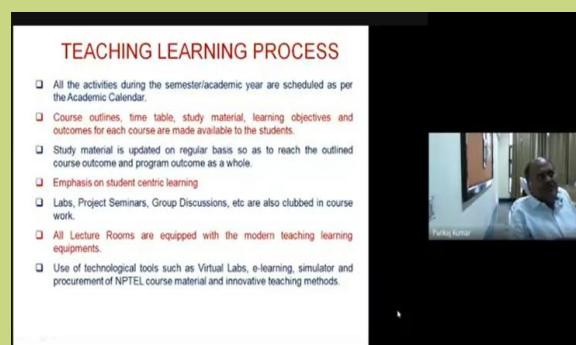
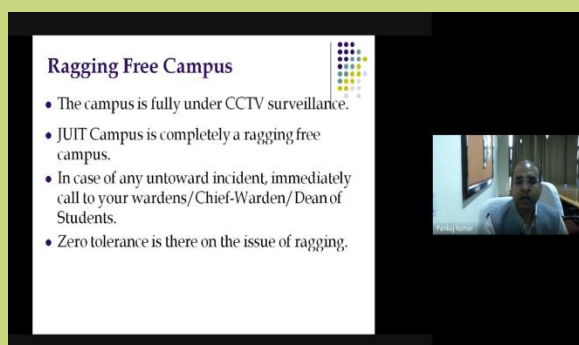
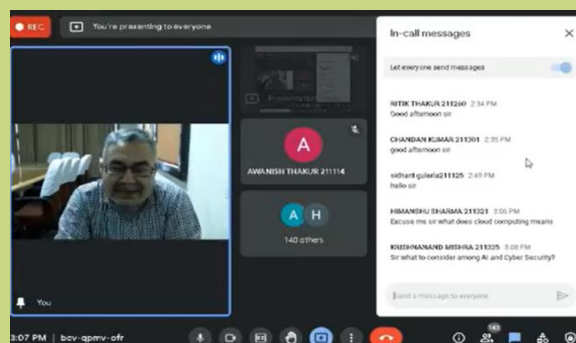
The Students of Govt. Mohindra College Patiala-Punjab also visited Centre of Excellence in Sustainable Technologies for Rural Development (CESTERD) to get an idea of sustainable technologies.



INDUCTION PROGRAM FOR FRESH BATCH OF STUDENTS (2021 – 22 Academic Session)

Under the shadow of COVID 19 pandemic, students were not allowed to present physically on the campus. In the process, JUIT has conducted induction program for fresh batch of BTech in virtual mode. The 10+2 based admitted students were oriented virtually during September 2 – 9, 2021 and for JEE based admitted students the orientation program was conducted during October 4 – 9, 2021.

Hon'ble Vice Chancellor Prof. (Dr.) Rajendra Kumar Sharma welcomed the fresh batches and encouraged them to strive for quality education, learning and making this world a better place to live. Major General Rakesh Bassi (Retd) along with Heads of various departments interacted with the fresh batch. The students were informed about academics, teaching learning process, time-table, examinations, placement, facilities available on the campus, NCC, Digital Locker, Library, Labs and about committees established to support the holistic development of the students. Lectures or interactions with industry stalwarts were also arranged.



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.**





FACULTY IN SPOTLIGHT



Dr. Hemant Sood as Research Advisor

Dr. Hemant Sood (BT/BI) involved as Research Advisor for evaluating research project in Research Advisory Group meeting of HFRI, Shimla on August 18, 2021.

Best Presentation Award

Ankush Verma, Utkarsha Shrivastva and **Hemant Sood** authored research paper entitled "Effect of different culture conditions for propagation and organic components on hardening of medicinal herb Valeriana jatamansi" got Best Presentation Award in International (Online) Conference Agriculture, Biological and Life Sciences (ICABLS-2021) Organized by Vidya Kutir Foundation, New Delhi, India on September 25 – 26, 2021.

Served evaluator for PG MOOCs course paper

Dr. Jitendraa Vashistt (BT/BI) served as evaluator for postgraduate MOOCs course paper entitled "Analytical Techniques" at National testing agency, New Delhi. July 2021

Delivered a talk/webinar or Session chaired

Mr. Neeraj Parihar (CE) delivered a lecture on "IMPROVEMENT IN CONVENTIONAL GEOTECHNICAL TESTING FACILITIES- NEED OF THE HOUR" as a representative Shimla IGS member for webinar held on "AWARENESS ON NABL ACCREDITATION" held on 11 Sep 2021 where IGS Shimla was an collaborative chapter with several other IGS chapters from UP.

Dr. Tiratha Raj Singh (BT/BI) delivered an invited talk in the First National Workshop of GAMS on September 30th, 2021 on the topic "ANN and Deep Learning: Applications in Data Sciences and Bioinformatics" organized by SATI, Vidisha, M.P., India.

Dr. Tiratha Raj Singh (BT/BI) chaired a session in the 3rd IDEA 2021 Conference organized by RGPV and OIST, Bhopal on 9th October, 2021.

Dr. Tiratha Raj Singh (BT/BI) delivered an invited talk on "Resources and Tools for Bioinformatics Towards Biomedical and Healthcare Sectors" in the Health Informatics Summit, during 16-19 October, 2021 organized by IIIT Delhi, India.

Dr Hemant Sood (BT/BI) delivered a talk on best practices in JUIT at 'The Vice Chancellor's meet called by HPPERF of all the state private universities of Himachal Pradesh on the behalf of Bahra University on 27th Oct, 2021 at Hotel Holiday Home, Shimla

Dr. Shruti Jain, Associate Professor of ECE department delivered a webinar on "ENRICHING THE KNOWLEDGE OF BMESI", on Oct 30, 2021 at 10:00AM to Dr. N.G.P Institute of Technology, Coimbatore.

FDP /Workshop Attended

Dr Hemant Sood (BT/BI) participated in Association of Indian Universities (AIU) and Martha Farrell Foundation (MFF) Safe Campus Programmes on 30-31st July 2021.

Dr Hemant Sood (BT/BI) has accomplished 8week NPTEL-AICTE Faculty development programme on Entrepreneurship and IP strategy conducted by NPTEL, IIT Kharagpur, Funded by the Ministry of HRD, Govt of India on 26th Sep 2021.

PROMOTIONS



Dr. Rajiv Ganguly, Associate Professor, Department of Civil Engineering has been promoted to Professor on July 1, 2021.



Dr. Vineet Sharma, Associate Professor, Department of Physics & Materials Science has been promoted to Professor on July 1, 2021.



Dr. Vivek Kumar Sehgal, Associate Professor, Department of Computer Science and Engineering & Information Technology (CSE/IT) has been promoted to Professor on July 1, 2021.



NEW JOINING

S. No.	Name of the Faculty Member	Position	Deptt.	Date of Joining
1	 Dr. Arnav Anuj Kasar	Assistant Professor (Sr. Grade)	Civil	July 1, 2021
2	 Dr. Deepak Gupta	Assistant Professor (Sr. Grade)	CSE/IT	July 1, 2021
3	 Rohan Singhal	Assistant Professor (Grade II)	Civil	July 1, 2021
4	 Dr. Sugandha Singh	Assistant Professor (Sr. Grade)	Civil	July 1, 2021
5	 Vipul Kr. Sharma	Assistant Professor (Grade II)	CSE/IT	July 1, 2021
6	 Akhilesh Gandhi	Assistant Professor (Grade II)	Civil	July 5, 2021
7	 Dr. Sumedha Arora	Assistant Professor (Sr. Grade)	CSE/IT	July 8, 2021
8	 Pankaj Dhiman	Assistant Professor (Grade II)	CSE/IT	July 9, 2021

INTELLECTUAL CAPITAL

JUIT PUBLICATIONS INDEXED IN SCI/SCIE

- Abbot, V., Bhardwaj, V., & Sharma, P. (2021). Investigation of intermolecular interactions of anionic surfactant SDS and rutin: A physico-chemical approach for pharmaceutical application. *Journal of Molecular Liquids*, 337, 116352.
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- Bharath, G., Rambabu, K., Aubry, C., Abu Haija, M., Nadda, A. K., Ponpandian, N., & Banat, F. (2021). Self-assembled Co₃O₄ nanospheres on N-doped reduced graphene oxide (Co₃O₄/N-RGO) bifunctional electrocatalysts for cathodic reduction of CO₂ and anodic oxidation of organic pollutants. *ACS Applied Energy Materials*, 4(10), 11408-11418.
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- Bhardwaj, C., Jain, S., & Sood, M. (2021). Transfer learning based robust automatic detection system for diabetic retinopathy grading. *Neural Computing and Applications*, 33(20), 13999-14019.
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- Chinh Van Tran; Duong Duc La; Phuong Nguyen Thi Hoai; Ha Duc Ninh; Phuong Nguyen Thi Hong; Vu, Thu Ha T.; Nadda, Ashok Kumar; Nguyen, X. Cuong; Nguyen, D. Duc; Huu Hao Ngo (2021). New TiO₂-doped Cu–Mg spinel-ferrite-based photocatalyst for degrading highly toxic rhodamine B dye in wastewater. *Journal of hazardous materials*, 420, 126636.
- Chintagunta, A. D., Zuccaro, G., Kumar, M., Kumar, S. J., Garlapati, V. K., Postemsky, P. D., ... & Simal-Gandara, J. (2021). Biodiesel production from lignocellulosic biomass using oleaginous microbes: prospects for integrated biofuel production. *Frontiers in Microbiology*, 12.
- Cihan, N., Bharath, G., Nadda, A. K., & YukselOrhan, O. (2021). A hybrid chemo-biocatalytic system of carbonic anhydrase submerged in CO₂-philic sterically hindered amines for enhanced CO₂ capture and conversion into carbonates. *International Journal of Greenhouse Gas Control*, 111, 103465.
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- Kaur, A., & Thakur, P. (2019). Determinants of Tier 2 Indian consumer's online shopping attitude: a SEM approach. *Asia Pacific Journal of Marketing and Logistics*. 33(6). DOI: 10.1108/APJML-11-2018-0494.
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इंजीनियरिंग में अभिनव समाधान

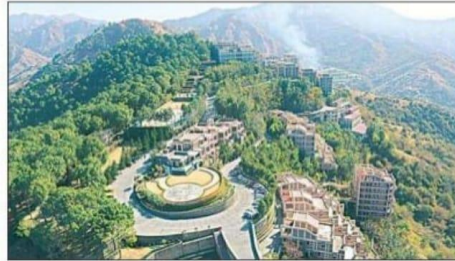
सोलन। सिविल इंजीनियरिंग विभाग, जेपी सूचना प्रौद्योगिकी विश्वविद्यालय वाकनाघाट ने चार से नौ अक्टूबर तक ऑनलाइन मोड में सिविल इंजीनियरिंग में सतत निर्माण के लिए अभिनव समाधान नामक एक सप्ताह की कार्यशाला का आयोजन किया। कार्यशाला का उद्घाटन प्रो. (डा.) राजेंद्र कुमार शर्मा कुलपति जेयूआईटी वाकनाघाट द्वारा किया गया और शनिवार को समापन समारोह आयोजित किया गया। कार्यशाला के आयोजक डा. अमरदीप ने कहा कि यह कार्यशाला शिक्षाविदों/इंजीनियरों और इंजीनियरिंग के छात्रों के लिए डिजाइन की गई है, ताकि एक स्थायी वातावरण बनाने के लिए सिविल इंजीनियरिंग में नए नवीन विचारों और वर्तमान टिकाऊ निर्माण प्रथाओं को उधार दिया जा सके। विभिन्न पहलुओं पर विशेषज्ञ व्याख्यान देने के लिए आईआईटी, जेपी वाकनाघाट और अन्य संस्थानों के लोगों को आमंत्रित किया गया।

कार्यशाला के आयोजक डा. अमरदीप ने कहा कि यह कार्यशाला शिक्षाविदों/इंजीनियरों और इंजीनियरिंग के छात्रों के लिए डिजाइन की गई है, ताकि एक स्थायी वातावरण बनाने के लिए सिविल इंजीनियरिंग में नए नवीन विचारों और वर्तमान टिकाऊ निर्माण प्रथाओं को उधार दिया जा सके। विभिन्न पहलुओं पर विशेषज्ञ व्याख्यान देने के लिए आईआईटी, जेपी वाकनाघाट और अन्य संस्थानों के लोगों को आमंत्रित किया गया।

जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय ने महामारी के कठिन समय में भी शैक्षणिक कार्यक्रम करवाए

● लॉकडाउन की अवधि में विभाग को 2 पेटेंट भी मिले

सोलन, 2 जुलाई (संवाद) : जेव प्रौद्योगिकी और जेव सूचना विज्ञान विभाग, जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय, वाकनाघाट, सोलन ने पिछले एक वर्ष के दौरान कोविड महामारी के कठिन समय के बावजूद कई शैक्षणिक कार्यक्रमों का आयोजन किया। कोविड महामारी के दौरान विभाग ने डी.बी.टी. प्रायोजित एम.एस.सी. जेव प्रौद्योगिकी कार्यक्रम का अपना पहला बैच शुरू किया। इस शैक्षणिक सत्र से विभाग एक नया पीजी प्रोग्राम एम.एस.सी. माइक्रोबायोलॉजी शुरू कर रहा है। विभाग ने हिमकोस्टे के सहयोग से डी.बी.टी. कौशल विज्ञान



कार्यक्रम के तहत स्नातक विज्ञान के 2 बैच के विद्यार्थियों को प्रशिक्षण प्रदान किया। लॉकडाउन की अवधि में विभाग को 2 पेटेंट भी दिए गए।

सत्यमेव जयते

निर्माण सामग्री व पर्यावरण पर अंतराष्ट्रीय सम्मेलन करवाया

नई दिल्ली, 5 जून (संवाद) : सिविल इंजीनियरिंग विभाग जे.पी. यूनिवर्सिटी ऑफ इन्फॉर्मेशन टेक्नोलॉजी सोलन एच.पी. और इंडियन जियोटेक्निकल सोसायटी शिमला चैप्टर ने 3 और 4 जून के दौरान वर्चुअल मोड में निर्माण सामग्री और पर्यावरण पर अपना पहला अंतराष्ट्रीय सम्मेलन आयोजित किया। उद्घाटन सत्र के अध्यक्ष डा. संजय कुमार शुक्ला सत्र के अध्यक्ष डा. प्रोफेसर विनोद कुमार शुक्ला और डा. प्रोफेसर विनोद कुमार शुक्ला और डा. प्रोफेसर विनोद कुमार शुक्ला

सिग्नल प्रोसेसिंग, कम्प्यूटिंग और नियंत्रण पर

नई दिल्ली, 9 अक्टूबर (संवाद) : जे.पी. यूनिवर्सिटी ऑफ इन्फॉर्मेशन टेक्नोलॉजी के इलेक्ट्रॉनिक्स एंड कम्प्यूटेशन इंजीनियरिंग विभाग ने ऑनलाइन मोड में सिग्नल प्रोसेसिंग, कम्प्यूटिंग और नियंत्रण पर 6वां आईआईटी चैप्टर सम्मेलन आयोजित किया। इस 3 दिवसीय सम्मेलन का उद्घाटन 7 अक्टूबर को सम्मेलन के दूसरे दिन 2 समानांतर सत्रों में 6 ट्रेक थे। दोनो सत्रों का आयोजन किया गया।

Three-day Conference on Signal Processing, Computing and Control concludes

JAMMU, Oct 11 - Organized by Department of Electronics & Communication Engineering, Prof. (Dr) Peter the Jaispee University of Information Technology, Signal Processing, Computing and Control' concludes. The second day of the conference had two parallel sessions and each session had six tracks. Appointed 60 papers were presented in both sessions. Papers were from the field of Sanjay Singh (Project Manager Intelligence, Cryptography, in Infosys Limited, United Computing Researchers and with a valedictory session chaired by Dr Rajiv Kumar. The voice of thanks was presented by Conference secretary Dr. Shanti Jan and Dr Harsh

JAYPEE VARSITY HOLDS ALUMNI TALK

The Jaypee University of Information Technology (JU) Alumni Cell conducted an 'Alumni Talk' with distinguished alumni of the 2015 batch. Sandeep Rajputra, chief guest, shared his inspiring success story of clearing UPSC-CSE 2020 and securing AI India Rank 290. The session aimed at motivating students, who desire to embark on a similar journey. Vice-Chancellor Rajendra Kumar Sharma, Advisor Prof Vinod Kumar, Dean of Academics and Research Prof. Ashok Kumar Gupta and various other faculty members also graced the occasion.

जेपी यूनिवर्सिटी में 6वां आईआईटी चैप्टर सम्मेलन संपन्न

नई दिल्ली, 9 अक्टूबर (संवाद) : जे.पी. यूनिवर्सिटी ऑफ इन्फॉर्मेशन टेक्नोलॉजी के इलेक्ट्रॉनिक्स एंड कम्प्यूटेशन इंजीनियरिंग विभाग ने ऑनलाइन मोड में सिग्नल प्रोसेसिंग, कम्प्यूटिंग और नियंत्रण पर 6वां आईआईटी चैप्टर सम्मेलन आयोजित किया। इस 3 दिवसीय सम्मेलन का उद्घाटन 7 अक्टूबर को सम्मेलन के दूसरे दिन 2 समानांतर सत्रों में 6 ट्रेक थे। दोनो सत्रों का आयोजन किया गया।

JUIT में नव स्थापित क्लब IEEE का उद्घाटन

जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय के वर्चुअल सप्ताह की मेजबानी की गई। 4 अक्टूबर (संवाद) : जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय ने वर्चुअल सप्ताह की मेजबानी की। इस सप्ताह का आयोजन इंजीनियरिंग और कम्प्यूटेशन विभागों के सहयोग से किया गया।

जे.पी. सूचना प्रौद्योगिकी वि.वि. छटे IEEE अंतराष्ट्रीय सम्मेलन का करेगा आयोजन

नई दिल्ली, 7 अक्टूबर (कास) : इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग, जे.पी. सूचना प्रौद्योगिकी विश्वविद्यालय ऑनलाइन मोड में सिग्नल प्रोसेसिंग, कम्प्यूटिंग और नियंत्रण पर छठे आईआईटी अंतराष्ट्रीय सम्मेलन का आयोजन कर रहा है। इस 3 दिवसीय सम्मेलन का उद्घाटन 7 अक्टूबर को प्रोफेसर विनोद कुमार, सलाहकार जे.पी. आई.टी. ने प्रो. अशोक कुमार गुप्ता, डीन (शैक्षणिक और अनुसंधान), जे.पी. आई.टी., मेजर जनरल (सर्वानिवृत्त) राकेश की उपस्थिति में किया।

वर्षा, राजस्थान और डी.एस.डब्ल्यू, जे.पी. आई.टी. और डा. राजीव कुमार, एच.ओ.डी., आई.सी.ई. विभाग, उद्घाटन समारोह में डा. युति जैन ने प्रतिभागियों का स्वागत किया और सम्मेलन का संचालन परिचय दिया। उद्घाटन समारोह में मुख्य अतिथि अतुल पुरोहित थे। अतुल नौकिया सी.एन.एस.सी.डी.सी. के मार्कीट सी.टी.ओ. हैं और भविष्य की विकास गणनीतियों पर यूरोप के अग्रणी संचार सेवा प्रदाताओं के साथ काम कर रहे हैं। विशिष्ट अतिथि डा. वीणा में दीक्षा, सहायक प्रोफेसर उत्तर पश्चिमी विश्वविद्यालय थे।

HILLY RAMBLINGS

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