

Report on ‘Training Workshop of Robotic Setup’ organized at JUIT during 29-30 January 2024

The department of Electronics & Communication Engineering, JUIT Waknaghat, organized the installation and training session of the Robotic setup during January 29–30, 2024. This activity has been coordinated by Dr. Pardeep Garg and Dr. Salman Raju Talluri (faculty members of the ECE department) under the guidance of Prof. Rajiv Kumar (HoD, ECE department). The expert and the resource person for the training is Mr. Paras Mehta. He is an employee of Mitsubishi Electric India (MEI) Pvt. Ltd. at Gurugram.

Mr. Paras completed the installation of the robotic setup on January 29, 2024 from 2-5 PM. On January 30, 2024 after the welcome and introduction of the expert person to the audience; the training on Robot Basics started at around 10 AM. The HoD of the ECE department, faculty members & lab staff of various departments, and many students of the ECE, CSE, and IT branches attended the training session. During the training, Mr. Paras covered the following topics: the Basics of Robot, Robot Operation, Backup Procedure, and Robot Programming using Teach Pendant, along with the hands-on session on Programming Software using RT Toolbox 3. During the training session, he created programmes showing the application of Robot for ‘Pick & Place’. The session ended around 4:45 PM, and then the feedback of the session was taken. All the attendees appreciated the expert and training session.

A few glimpses of the session are as follows:







JOINT WORKSHOP ON MOLECULAR & PLANT TISSUE CULTURE TECHNIQUES

Organized by
Jaypee University of Information Technology (JUIT) , Waknaghat , Solan &
Giani Shivdev Singh Dewan Gurbachan Singh Khalsa College, Patiala, Punjab

PATRON

Vice Chancellor, JUIT, Solan

Prof. R.K.Sharma

**Principal, Giani Shivdev Singh Dewan Gurbachan
Singh Khalsa College, Patiala, Punjab**

Dr. Dharminder Singh Ubha

HOD, BT & BI, JUIT, Solan

Prof. Sudhir Kumar

Convener

Dr. Hemant Sood

Associate Professor, Department of Biotechnology &
Bioinformatics, JUIT, Waknaghat, Solan (H.P.)

Phone No. 01792-239274

Email Id: hemant.sood@juit.ac.in

Dr. Nipunjot Kaur

Associate Professor and Head,
Department of Biotechnology,
Giani Shivdev Singh Dewan Gurbachan Singh
Khalsa College, Patiala, (Punjab)

Phone No. 0175-2215835

Email Id: nipunjotsoni@gmail.com

Resource Persons

Prof. (Dr.) Jata Shankar, Professor.

jata.shankar@juitsolan.in

(Mob) 9882628534

(Session on:- Molecular Techniques)

Dr. Hemant Sood, Associate Prof.

hemant.sood@juitsolan.in

(Mob) 8076035143

(Session on :- Plant Tissue Culture Techniques)

Target Audience



- Students of Biotechnology, Zoology, Botany and Agriculture

DATE & TIME

27th February, 2024

Time: 10:00 AM - 4:00 PM

<https://www.juit.ac.in/biotechnology-bioinformatics>

Joint Workshop on Molecular and Plant Tissue Culture Techniques

Organised by : Department of BT and BI


Place: Giani Shivdev Singh Dewan Gurbachan Singh Khalsa College, Patiala

Coordinators: Dr Hemant Sood (JUIT) & Dr Nipunjot Kaur (GSSDGS)

Date : 27th February, 2024

Resource Person: Professor Jata Shankar for Molecular Biology Techniques
Dr Hemant Sood for Plant Tissue Culture Techniques

Supporting Staff: Mrs Mamta Mishra
Miss Kritika, Miss Priya and Miss Alfeia

The Department of Biotechnology and Bioinformatics, JUIT organized a Joint Workshop on Molecular and Plant Tissue Culture Techniques at GSSDGS Khalsa College Patiala, Punjab for 55 students of B.Sc (Biotechnology, Agriculture, Zoology, and Botany). Dr. Hemant Sood (Associate Professor, BT&BI) and Dr. Nipunjot Kaur, Head, and Associate Professor were the coordinators of the workshop. The inaugural session was conducted by Dr. Nipunjot, where she acknowledged the support of Dr Dharminder Singh Ubha, Principal GSSDGS Khalsa College, Patiala, the Honourable VC Prof. RK Sharma of JUIT and HoD Prof. Sudhir Kumar for initiated the academic and research the collaborations under the signed the MoU in 2022. Workshop sessions were stated as per the mentioned schedule where Dr Hemant Sood, Associate Professor (BT &BI) took a session on Plant tissue culture by demonstrating the micropropagation of exotic plant species. Professor (Dr.) Jata Shankar (BT &BI) took a session on Molecular Techniques by demonstrating all the basics to the students in quite detail which included a demonstration of SDS-PAGE. The successful culmination of the workshop happened after collecting feedback from participants. Dr Hemant Sood extended gratefulness to the authorities of both institutes for providing all support for the collaborative workshop.  (Glimpses of the events and news coverage are as follows)



Inaugural session at Khalsa College, Patiala



Demonstration of Molecular Techniques



Demonstration of Plant Tissue Culture Techniques





Workshop Committee Members



Khalsa College Patiala Celebrates National Science Day

PT News
Patiala, February 28



To commemorate National Science day on 27th February 2024, Department of Biotechnology organised a workshop on "Molecular and Plant Tissue Culture Techniques" as a joint effort with Jaypee University of Information Technology, Wagnaghat, Solan in Khalsa College Patiala. The workshop was arranged for students to enhance their knowledge in the field of Biotechnology. A total number of 55 students along with faculty members of the department participated in the workshop, in her welcome address, Dr. Nipunjot Kaur, Head, Department of Biotechnology highlighted the importance of such workshops in current scenario. Dr. Dharminder Singh Ubha, Principal, Khalsa



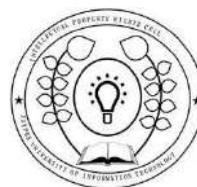
College Patiala encouraged students to participate in such workshops and highlighted the importance of generations of scientific temperament among students. Dr. Hemant Sood, Associate Professor, Department of Biotechnology and Bioinformatics, JayPee University of Information Technology, presented the motto of workshop and applications of Biotechnology in

various fields. She also explained students about the scope of biotechnology and various scholarship programs for further studies. Thereafter, Dr. Hemant Sood, Dr. Jata Shankar, Mrs Mamta (laboratory staff), PhD Scholars Alpha, and Kitu gave technical sessions in which students were given hands on experiences on various techniques of biotechnology. Dr.

Hemant Sood, clarified students about techniques of tissue culture technology to propagate plants in artificial conditions in labs. Dr. Jata Shankar, explained students about Protein Gel Electrophoresis. The PhD Scholars demonstrated the techniques explained by Dr. Jata Shankar to the students and clarified their concepts about practical experience.

English Edition
Feb 29, 2024 Page No. 3
Powered by : eReleGo.com





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

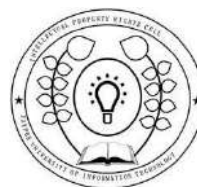
Faculty Development Program

on

Women in Innovation and Entrepreneur Development (March 11-15, 2024)

The poster features a green and yellow background. At the top, it displays the logos of the Institution's Innovation Council, JUIT, and the Intellectual Property Rights Cell. The text reads: "Jaypee University of Information Technology, Wanknaghat, Solan, Himachal Pradesh. Institution's Innovation Council (IIC) and Intellectual Property Rights (IPR) Cell presents". Below this is an illustration of three people (two men and one woman) working at a computer workstation. The main title is "One week Faculty Development Program on Women In Innovation and Entrepreneur Development (WIED)". The dates "MARCH 11-15, 2024" are listed. A QR code is provided for registration. Contact information for Amritansh and Pratham is also included.

The Intellectual Property Rights Cell (IPR Cell JUIT), National IP Awareness Mission (NIPAM), and Institution's Innovation Council (IIC), Jaypee University of Information Technology, Wanknaghat, Solan organized a one-week Faculty Development Program on "Women in Innovation and Entrepreneur Development (WIED)". The program was scheduled from March 11-15, 2024, in online mode with a series of expert talks from eminent speakers in the field of Innovation and Entrepreneur Development.

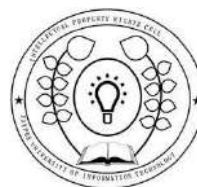


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

SCHEDULE

Date	Time	Events
11-03-2024	3:00 PM	Inaugural
	3: 10 PM	Motivational Lecture by Dr. Sudhir Kumar, Coordinator, IPR cell, JUIT
	3:30PM	Expert Talk by Dr. Vivek Kumar Malik, Coordinator, IPR cell, IIT Roorkee Importance of Intellectual Property Rights in Innovation Ecosystem
	4:15 PM	Expert Talk by Dr. Mini Giri, IIT Roorkee Empowering and Embracing women in IPR and Innovation
12-03-2024	3:00 PM	Expert Talk by Mr. Govind Sharma, National Research Development Corporation (NRDC) 33 yrs exp "Unlocking the power of Intellectual Property for Entrepreneurs"
	4:00PM	Expert Talk by Dr. Saurabh Bansal, JUIT Idea Generation and Validation : A key to success for start up
13-03-2024	3:00 PM	Expert Talk by Dr. G. Geetha, Women scientist Under WOSC Kiran IPR (DST). Deputy Director, Centre for Intellectual Property Rights, Anna University. Intellectual Property and women
	4:00PM	Expert Talk by Dr. Rahul Shrivastava, JUIT Technology Transfer : Innovation to Commercialization
14-03-2024	3:00 PM	Expert Talk by Dr. Lakshmi, Examiner of Patents and Design, Patent Office, Delhi. Intellectual Property Rights
	4:00PM	Expert Talk on Women Empowerment in Entrepreneurship by Dr. Hemant Sood, JUIT. Intellectual Property Rights management and commercialization



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

15-03-2024	3:00 PM	Expert Talk by Ms. Monika, Patent Attorney, Aksh IP Associates Women in Innovation
	4:00PM	Expert Talk on Women Empowerment in Innovation by Dr. Shruti Jain, JUIT Empowering Women in Innovation; Breaking Barriers and Driving Process
	4:30PM	Expert Talk by Dr. Ashish Kumar, JUIT Innovation and Startup Ecosystem

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
INTELLECTUAL PROPERTY RIGHTS (IPR) CELL & INSTITUTION'S INNOVATION COUNCIL (IIC) PRESENTS
ONE WEEK FACULTY DEVELOPMENT PROGRAMME
WOMEN IN INNOVATION AND ENTREPRENEUR DEVELOPMENT (WIED)
March 11-15, 2024

Mr. Govind Sharma
RETIRED CHIEF, NATIONAL RESEARCH DEVELOPMENT CORPORATION, NEW DELHI

Dr. Vivek Malik
ASSOCIATE DEAN INNOVATION & INCUBATION, IPR CELL COORDINATOR, IIT ROORKEE

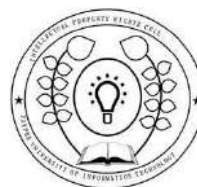
Dr. G. Geetha
DEPUTY DIRECTOR, CENTRE FOR INTELLECTUAL PROPERTY RIGHTS, ANNA UNIVERSITY

Dr. Mini Giri
TECHNICAL STAFF, IPR CELL, IIT ROORKEE

Dr. Lakshmi Meena
EXAMINER OF PATENTS AND DESIGNS, PATENT OFFICE, DELHI

Ms. Monika
PATENT ATTORNEY, AKSH IP ASSOCIATES

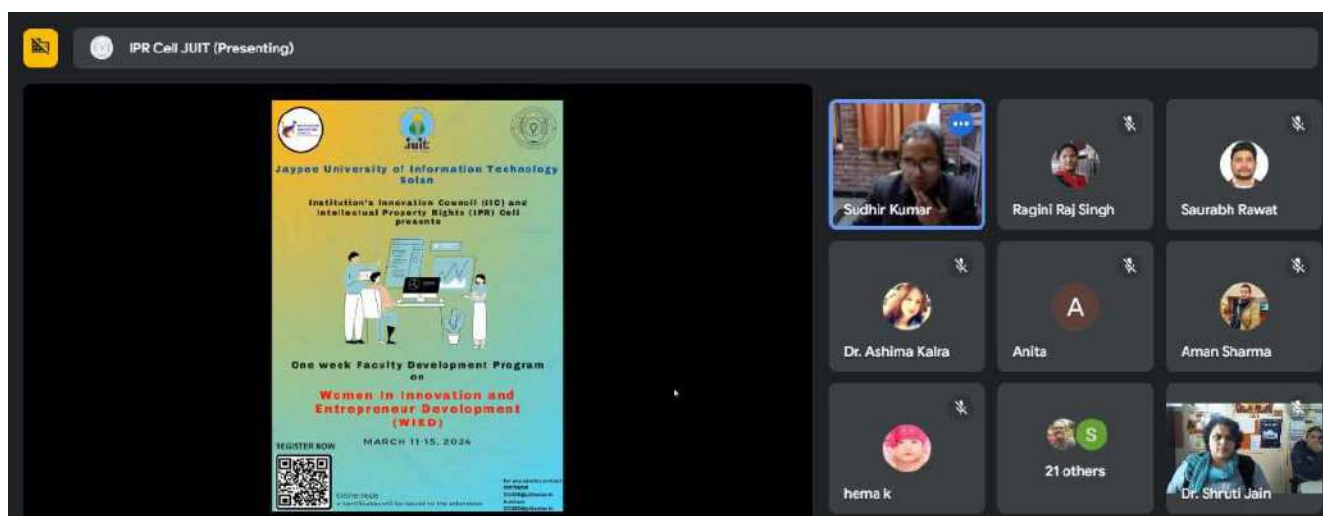
IQAC
INSTITUTIONAL QUALITY ASSURANCE CELL



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

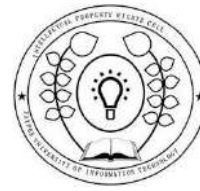
Day 1 – 11th March 2024 (Monday)



11th March 2024 was the 1st Day of the 5-days online faculty development program on “**Women in Innovation and Entrepreneur Development**” scheduled from **11-03-2024 to 15-03-2024** organized by Jaypee University of Information Technology Wagnaghat in collaboration with National IP Awareness Mission (NIPAM), Institution’s Innovation Council, where the welcome address was given by JUIT – IPR Cell Coordinator Dr. Sudhir Kumar.

Dr. Mini Namdeo Giri, one of our esteemed speaker working as a technical staff in IPR Cell at IIT Roorkee, gave a detail about her experience and knowledge on Intellectual Property Rights and giving various famous example of women entrepreneurs who gave innovations that are of utmost benefit to society, showcasing importance of women in innovative field.

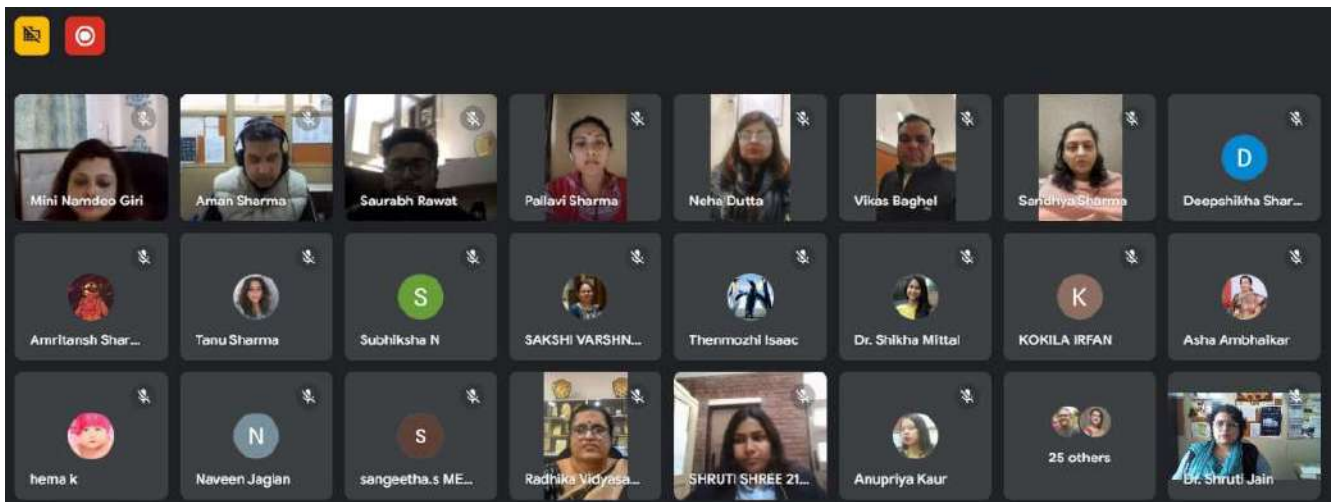
She further deliberated about “WIPO – World Intellectual Property Organization” and their various program on Women and IPR, these programs are committed to promote gender equality both within the organization and in the wider world of intellectual property. She also talked about “Women Scientist Scheme” of Government of India, this scheme encourages women scientists to gear up in creating,



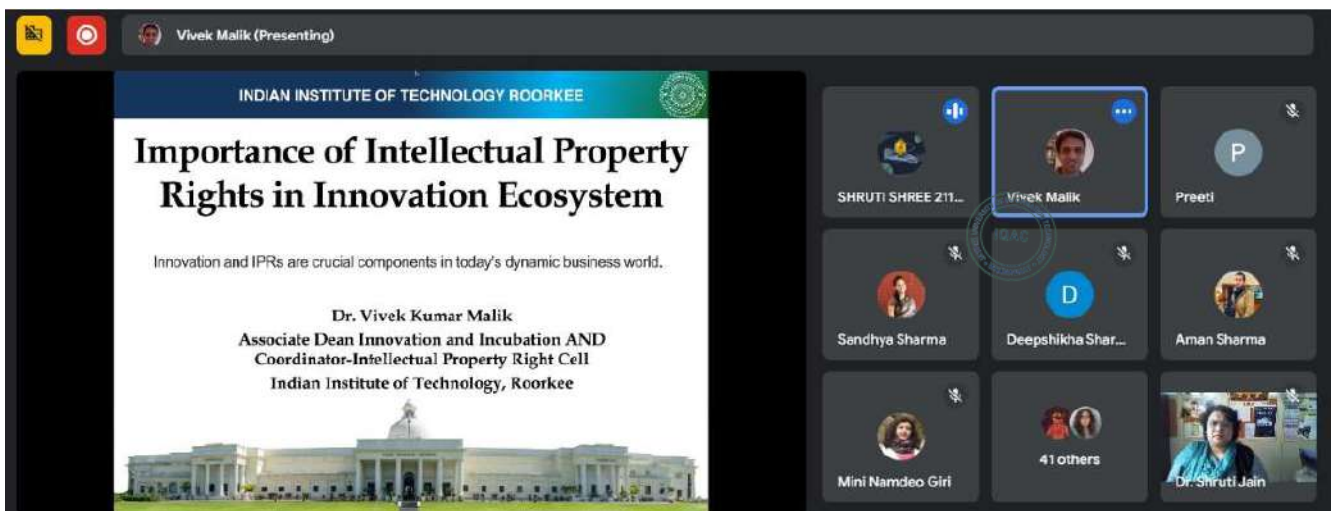
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

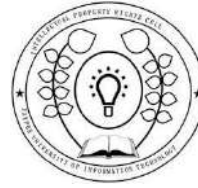
(Established by H.P. State Legislature vide Act No. 14 of 2002)

protecting and managing Intellectual property in India. She concluded by stating that Women are backbone to preserve protect IP.



Then we were joined by Associate Dean Innovation and Incubation Dr. Vivek Kumar Malik, IIT Roorkee who is also the Coordinator of IPR cell IIT Roorkee. He is a man having lots of knowledge, teaching and experience in field of Innovation and Intellectual Property. He enlightened the participants about **“Importance of Intellectual Property Rights in Innovation Ecosystem”**.





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

In his address he talked about Innovation and about what actually an innovation means to the society along with various examples and effects of Innovation on Market of a product which has now being programmed or modified innovatively making it more efficient to use and a right choice to be made, and such innovations leading to make Intellectual Property a Right and of a greater benefit to people or researchers who come up with such brilliant innovation in the world.

He emphasized on importance of timing to register an idea and how it is beneficial in current times as it helps one convert his idea to profitable asset and also help to increase market value of a business. IP is necessary to create an image of the business which will help in marketing of product or service, it will also open export opportunities. He defined various kinds of Intellectual Properties.

He explained about Patent and how one attains a Patent for his/her idea stating about benefits and limitations of their patent. He talked about qualities of the invention which are must to get it patented like he mentioned that an invention must be related to a product or process and be new (or novel), he also added various stages of Patent Application from filing Grant in India.

He further talked about “**KAPILA – Kalam Program for Intellectual Literacy and Awareness**” scheme which provides financial assistance to the institutions that are part of the Higher Education Institutions for filing patents. This scheme helps to create appropriate awareness regarding need of IP in India and globally and establishing the much-required IP filing ecosystem in large number of educational institutions.

He also discussed briefly about other Intellectual Properties like Trademark, Copyright, Industrial Design, Geographical Indications and their importance and use. He lastly mentioned about validity period of various IPR and the Act or Rule they are implemented within.

In a general observation, it was found that participants were very happy to attend the session. Speakers personally and proactively interacted with many participants to know the realizations of the conducted session.

Dr. Aman Sharma very well presented the vote of thanks to the speakers and the participants .



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

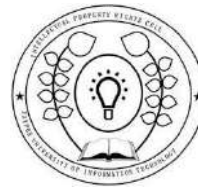
(Established by H.P. State Legislature vide Act No. 14 of 2002)

Day 2 –12th March 2024 (Tuesday)

12th March 2024 mark the 2nd Day of 5-days online faculty development program on “**Women in Innovation and Entrepreneur Development**”. The first session of the second day was addressed by Retd. Chief Mr. Govind Sharma, **National Research Development Corporation New Delhi**. With years of experience in the field of innovation and being on such a great post he was here to enlighten the minds of participants on Intellectual Property rights and the power it come with for benefit of society and entrepreneurs. Also highlighting how ownership rights of innovations is important on time before it gets too late by giving examples of big companies and institutions.



He defined Intellectual Property as “Mental Product which are tradable” that means an idea which has a place in Market and is profitable, being so it is important that it should be protected to avoid any competition who try to directly copy the idea and establish a monopoly in market. It enables entrepreneur to license and most importantly that a registered IP is an asset to the entrepreneur having a high value. He explained various Intellectual property along with its benefits and features, especially about patent mentioning it as a monopoly right briefing how to attain a patent what features should one’s idea must have to get patented stating its advantages and major examples.

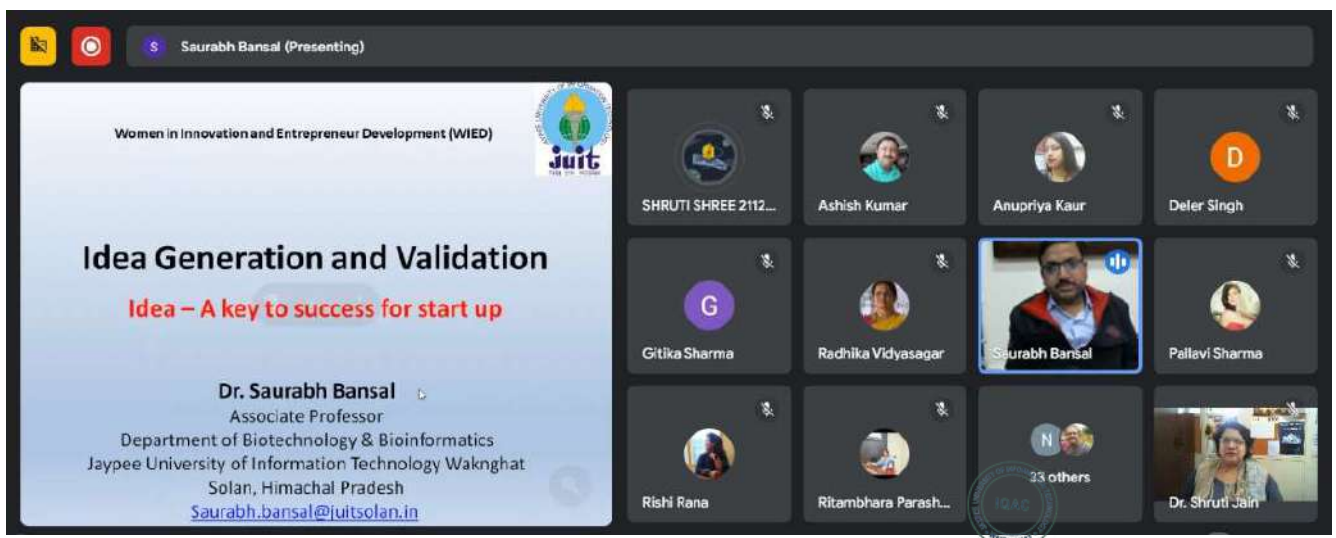


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

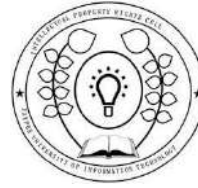
(Established by H.P. State Legislature vide Act No. 14 of 2002)

Then further he explained the difference between industrial design and trademark stating big companies or industries example. He also shed light on trade secret being a highly important Intellectual property to a company. He also mentioned Geographical Indications and Copyright. He ended by giving an example of how many Intellectual property a single product may have. Lastly, he stated that Intellectual Property is Oil of the 21st Century.

Then proceeding to the 2nd session, we were joined by Dr. Saurabh Bansal, Associate Professor Department of Biotechnology and Bioinformatics at Jaypee University of Information Technology Wanknaghat. He joined to speak about Idea Generation and Validation, he began by stating about Women Entrepreneurs and how women are influencing the field of innovation. Then beginning with his core topic, he started by stating various essential steps in starting up a business and key factor to make Startup a success.



He then deliberated about Idea generation and Ideation, stating that creative thinking is a key factor of idea generation, then he mentioned how creativity and innovation are related to each other as mentioning Innovation as Doing different things and Creativity as Doing things differently. Talking about small steps that help in idea generation like maintaining an idea notebook and keep writing innovative thoughts that



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

run through our mind down on it. He said that the ability of generating idea comes from intuitions but is amplified from one's experience.

The innovative ideas are meant to make peoples work easy and effective so thinking of problems as a consumer which we face, thinking of possible solutions to that problem and finding new ways to use things, analyzing the failure of others idea, thinking of a false crisis and how one may come out through it and also how the taste of consumer for a product or a service is changing. It is always about trying to do something new. He mentioned various strategies of Validation of an Idea that are Brainstorming, Brain Writing, Matrix/SCAMPER, lateral or creative thinking and Problem Inventory Analysis. He explained every strategy nicely giving examples of how to execute each at different situations and use of each idea separately.

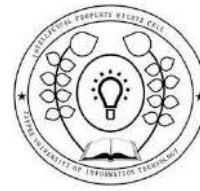
He stated four ways of Starting a business by idea generation that are Developing a new idea, copy an idea, alter an idea or buying a business. He also mentioned Biomimetics – which is an analogy drawn between the role of a particular structure in nature and a potential application for related structure in a commercial setting. He also added how idea generation from time to time is essential for a company's growth.

In a general observation, it was found that participants were very happy to attend the session. Speakers personally and proactively interacted with many participants to know the realizations of the conducted session, which ended with a vote of thanks by Dr. Aman Sharma.

Day 3 - 13th March 2024 (Wednesday)

13th March 2024 mark the 3rd Day of 5-days online faculty development program on “**Women in Innovation and Entrepreneur Development**”. The day began with the address of Deputy Director Dr. G. Geetha, Centre of Intellectual Property Rights and she is also Associate Professor in Department of Information and Technology at Anna University she is also a scientist under WOSC Kiran IPR. She has vast experience for helping people/institutions attaining patent and other intellectual property. She introduced participants to the patents she had filed. She enlightened participants about research and what



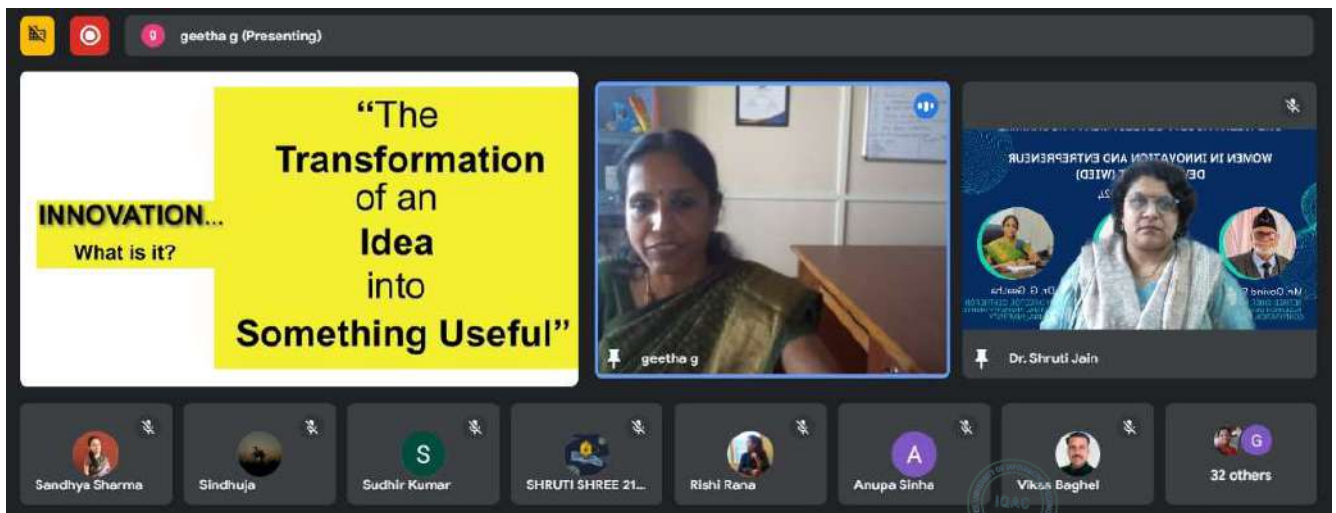


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

is innovative research and what are benefits one can get from research. She explained how innovative research works.

She further deliberated about Intellectual Property and their rights and mentioned “Intellect” as creation of mind and Intellectual property as type of an intangible property. She shared about how one can create Intellectual Property and described types of Intellectual Property Rights. She actively asked participants about their knowledge on different types of Intellectual Properties, helping to clear their doubts on the knowledge of Intellectual property they have along with examples and steps to register their Intellectual Property in India. She explained the importance of IP especially patent and explained about Patentability of an Invention and defined it as “invention means a new product or process involving and inventive step and capable of Industrial application.” And how simple inventions help in solving routine problems of the consumer.



She also talked about the Patents act and about where one can get to know about different Patents that is Database where information related to patent is stored across the internet.

Then she addressed about “Women In IP” and talked about WIPO’s program for Women involved in field of Innovation and how different inventions of Women that we common people use day to day life, adding how number of Female inventors and entrepreneurs are increasing globally in different field such



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

as biotechnology and various other fields and how partnership of women is being forecasted in field of patenting. She further talked about women entrepreneurs and motivating to take part actively in field of innovation and building Intellectual Properties.

Further Dr. Sudhir and Dr. Shruti thanked her for her valuable time and sharing some valuable information with others and also appreciated her achievements.

The second session was conducted by Associate Professor Dr. Rahul Shrivastava, Department of Biotechnology and Bioinformatics at Jaypee University of Information Technology. He introduced participants to a beautiful topic that is "Technology Transfer- Innovation to Commercialization". Technology Transfer (TT) refers to the process of conveying results stemming from scientific and technological research to the marketplace and to wider society, along with associated skills and procedures, and is as such an intrinsic part of the technological innovation process. He explained the need for Technology Transfer.

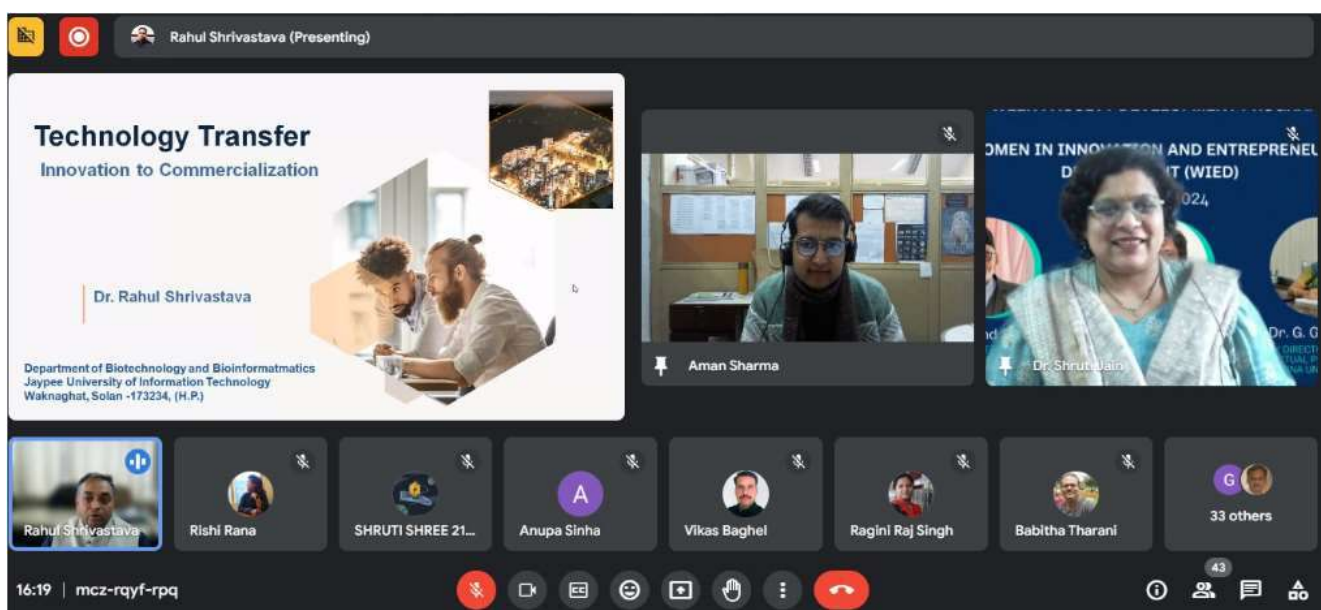
He emphasized Technology Transfer as a process which is mainly concerned with the transition of technology from research areas for Production and Quality assurance environment. The Process by which existing knowledge, facilities or capabilities developed under R & D funding are utilized to fulfil public and private needs. "Technology Transfer" includes a range of formal & informal cooperation between technology developers and technology seekers.

Then he explained about the process of technology transfer. Technology Transfer is a Process It has stages, phases, and typical behaviors, it operates and can be understood at different levels (e.g., technology policy, individual scientists), It involves different "stakeholder" perspectives and It is therefore a "communication process." He added how to enter the process of Technology Transfer, its various Components and where technology transfer apply.



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)



Then he explained about “Market pull” (that Occurs when existing firms seek better technologies to reduce their costs of production or to make marginal improvements in the quality of their existing products.) and “Technology Push” (An innovator sees an opportunity to profit from a technology that has little or no current market. An "entirely new" market is created, based on the novel capacities of technology). He also defined different types of technology and mentioned about various agencies in India that work in field of Technology Transfer. He ended by saying “Successfully conducting technology transfer requires CHAMPIONS at each step in the process.”

In a general observation, it was found that participants were very happy to attend the session. Speakers personally and proactively interacted with many participants to know the realizations of the conducted session. Dr. Sudhir Kumar presented the vote of thanks to the speakers and the participants.

Day 4 - 14th March 2024 (Thursday)

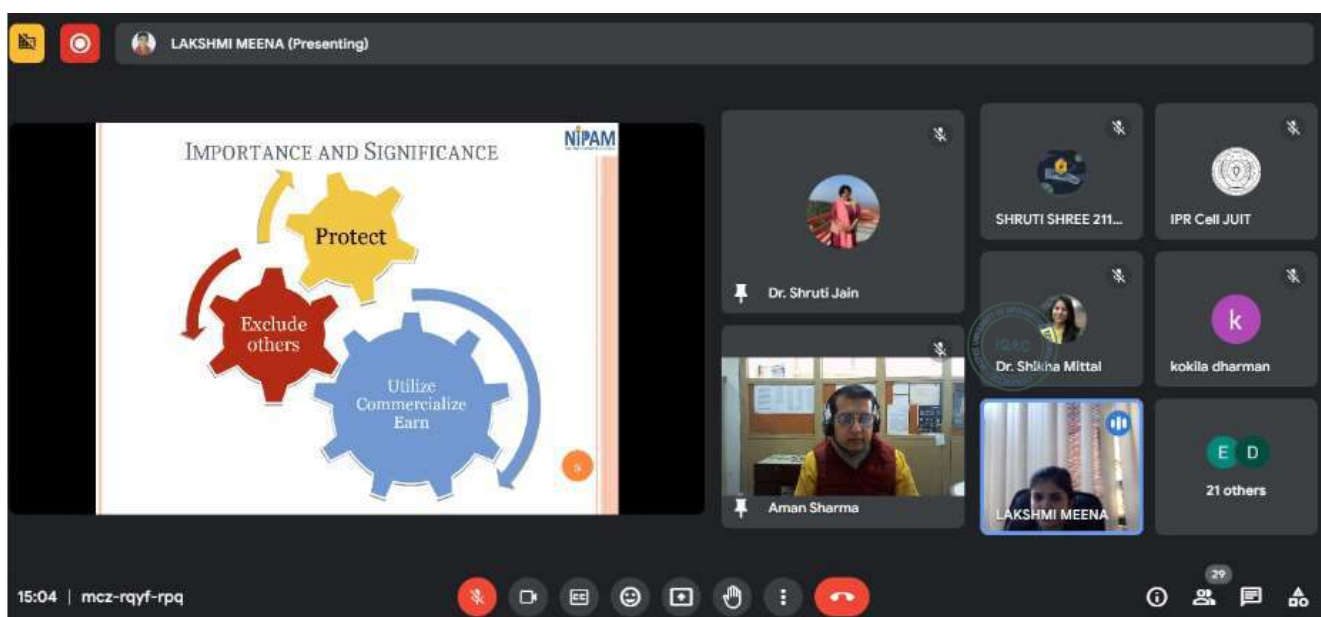


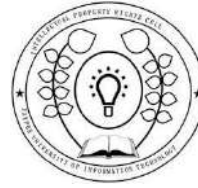
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

14th March 2024 mark the 4th Day of 5-days online faculty development program on “**Women in Innovation and Entrepreneur Development**”. The speaker for the day was Dr. Lakshmi Meena, Examiner of Patents and Designs at Patent office, New Delhi. Her expertise assures effective assessment of Patents, fostering Innovation and protecting Intellectual Property Rights, advancing technology process and promoting innovation in scientific community. She began by briefly introducing various Intellectual Property Rights and how they work. Also mentioning the importance and significance of protecting Intellectual Properties further adding Utilization and Commercialization.

Then she introduced about Women in IP and talked about various policies of government of India for Supporting STEM opportunities (like Gender Advancement for Transforming Institutions (GATI), Women Scientists Scheme; etc.), Constructing mentorship and professional and business development opportunities (like KIRAN-IPR scheme), An objective of IPR policy, 2016 is to Encourage and support capacity building among women creators, innovators, entrepreneurs, practitioners, teachers and trainers. Further elaborating about various schemes and giving numerous examples of famous women scientists who made various contribution for making India great.





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

Further she took up explaining all Intellectual Property Rights one by one. Like she defined patent as a grant by sovereign or state to a person giving exclusive right to stop others from "making, using, exercising, vending and importing". Explaining laws and criteria of Patentability, and she informed expedited examination of Patent works in India. Then she explained Designs - features of shape, configuration, pattern, ornament or composition of lines or colors applied to any article whether in two dimensional or three dimensional or in both forms, by any industrial process or means, whether manual, mechanical or chemical, separate or combined, which in the finished article appeal to and are judged solely by the eye, and importance of Design.

Further explaining about trademark - A trade mark is any word, name, symbol or device (or any combination thereof) it Identifies and distinguishes the source of the goods or services of one trader from those of others, and giving a famous example of "Lijjat Papad", further she talked about Copyright that Allows the owner to Choose the ways his/her copyrighted works are made available to the public and prevent unauthorized copying/reproduction. Two types of major rights are provided to authors that are mainly transferable rights and non-transferable rights. Further moving on to Geographical Indication - A Geographical indication (GI) is an indication that identifies a product that have a specific geographical origin and possess qualities or a reputation that are due to that origin like Madhubani, Kullu shawls, Kangra Tea, Darjeeling Tea and Kantha embroidery.

She lastly talked about various career opportunities in field of intellectual property rights, in government as well as private sector in India. She further interacted with the participants and took a short fun quiz related to their session and knowledge on different Intellectual Properties.

Then we were joined by Associate Professor Dr. Hemant Sood, Department of Biotechnology and Bioinformatics at Jaypee University of Information Technology. She joined to speak on the topic of Management and Commercialization of Intellectual Property rights. She began by Introducing various intellectual Property rights and talking about History of Intellectual Property, she mentioned about 7th century Greek when recipe of Food was given such right for a period of year then the first law on patent was passed in Venice in 1474, which rights to artisans for their inventions. In 1623, the House of



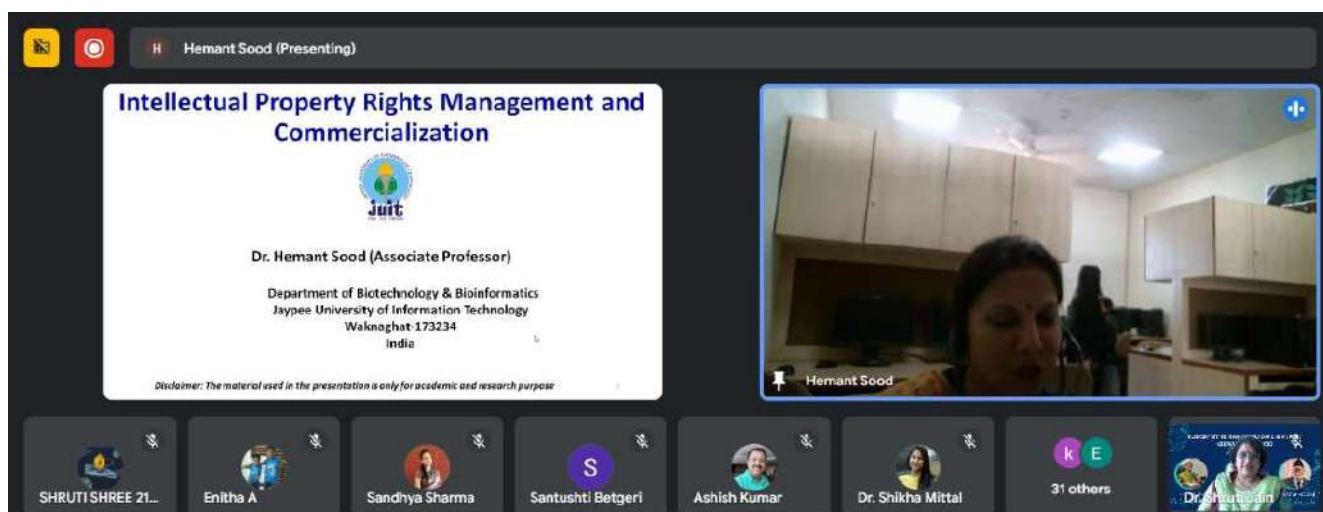


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

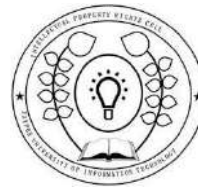
(Established by H.P. State Legislature vide Act No. 14 of 2002)

commons of U.K. passed the Act of Proprietorship. Then she mentioned about HISTORY OF INTELLECTUAL PROPERTY RIGHTS IN INDIA she told that in 1856, the then Government of India introduced the Act of Protection of Inventions based on the British Patent Law of 1852. Then 'Patents and Designs Protection Act was passed in 1872 and in 1883, the Protection of Inventions Act was introduced; it was consolidated as Inventions and Designs Act in 1888, and how laws were made in modern India.

She then talked about Intellectual properties and mentioned their significances, nature, purpose, types and uses of various types. Also mentioning how to file for these intellectual properties. Then she talked about managing Intellectual Property at Different levels and how an IPR cells help in managing and advancing Intellectual Properties specially within an enterprise, and role of IP cells in Commercializing an IP that has four basic steps that are – Acquisition, Development, Commercialization and Monitoring.



She talked about setting a licensing model that may be Exclusive or Non-exclusive and framing them according to flexibility of the Institute and forming a framework for Using Knowledge for IP and a Commercialization Model that is successful in the market so that more benefits to the consumer. Ending this topic by saying” IP adds value at every stage of the value chain from creative/innovative idea to putting a new, better, and cheaper, product/service on the market”. She ended by mentioning about Career options in IPR and how she has worked in the sector of IPR.



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

Dr. Aman Sharma presented the vote of thanks to the speakers and the participants. The participants were very happy to attend the session. Speakers personally and proactively interacted with many participants to know the realizations of the conducted session.

Day 5 - 15th March 2024 (Friday)

15th March 2024 mark the 5th and last Day of 5-days online faculty development program on “**Women in Innovation and Entrepreneur Development**”. The esteemed speaker for the session on last day was Ms. Monika, Patent Attorney, Aksh IP Associates, she introduced participants about her firm, AKSH IP ASSOCIATES is an Intellectual Property Boutique Law firm practicing all corners of Intellectual property such as Patents, Trademark, Copyright, Industrial Design, Trade Secrets & Geographical Indication. The Firm Comprises of Experienced Patent, Design & Trademark Attorneys with Nearly a Decade of Experience. Then she started her talk by talking about Patent depicting them as A Patent is a form of Intellectual Property that gives the owner the legal right to exclude others from manufacturing, utilizing, selling and/or importing an invention for a period of twenty years. Then deliberating various characteristics of a patent, sources of patent information, criteria to determine what can be patented.

She then explained in detail the procedure for obtaining a patent registration/grant. Primarily deciding whether to pursue patent by oneself or engaging a professional. The steps include – Checking the patentability of invention, then drafting a patent application (provisional or complete), filing the patent application in India (various forms), publication of patent application, examination of Patent Application, final decision on patent application and lastly Renewal.





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

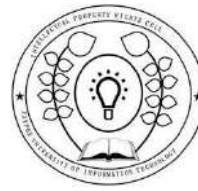
(Established by H.P. State Legislature vide Act No. 14 of 2002)



Moving further she talked about topic of Women in Innovation and Entrepreneur Development and how creative mind of Women help in sector of Innovation and various fields, then mentioning about WIPO and how they have focused on theme of Women Empowerment in Innovation and Entrepreneurship - WIPO has worked hard to encourage women's contribution to IP by proposing various schemes and awareness programs, providing concessional fees for completion of courses in IPR studies, and reducing fees to give open opportunities to women to contribute to science and tech fields, growing as entrepreneurship. Government of India, the Department of Science and Technology has launched the Women Scientists Scheme (WISE) to support women in STEM (Science Technology Engineering and Mathematics) fields who have taken a career break. The scheme offers research grants and fellowships to women to encourage them to return to their careers. To date, some 800 women professional have received training through the program. Around 270 of them have become registered patent agents, working with inventors to help them secure legal protection for their patents.



Further she mentioned The National Policy for Women, 2016, aims to create an effective framework to ensure equal rights and opportunities for women and WIPO IP Mentorship Program for Women Inventors provides access to mentors and implemented a pilot program of international mentorship for the benefit of inventors in pilot countries. Another programme by WIPO is the WIPO Training, Mentoring and

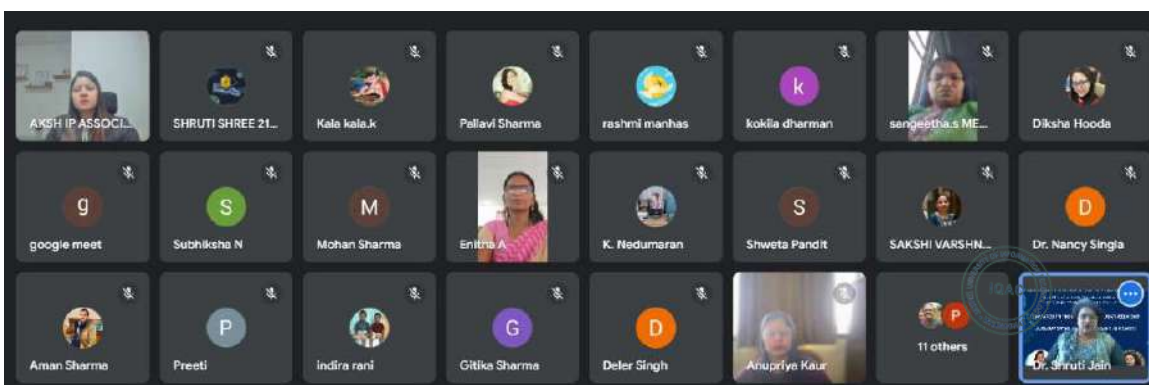


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

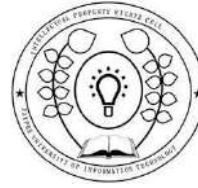
(Established by H.P. State Legislature vide Act No. 14 of 2002)

Matchmaking Program on Intellectual Property for Women Entrepreneurs from Indigenous Peoples and Local Communities. She ended by quoting J.K Rowling "Imagination is not only the uniquely human capacity to envision that which is not, and therefore the fount of all invention and innovation, in its arguably most transformative and revelatory capacity, it is the power to enable us to empathize with humans whose experiences we have never shared."

Then we were joined by Dr. Shruti Jain, Associate Professor in the Department of Electronics and Communication Engineering at Jaypee University of Information Technology, Wakanaghat. She has a teaching experience of around 15 years. She has filed eight patents out of which three patents are granted and rest published. She presented the topic "Empowering Women in Innovation; Breaking Barriers and Driving Process." And beginning by explaining Women Empowerment as increasing the spiritual, political, educational, gender, social, economic strength of individuals and communities of women and how can empowerment be provided in field of innovation by assuring Access to Education, Power of Diversity, Entrepreneurship and Leadership Opportunities, Technology and Digital Transformation, Recognition and Representation, Community and Collaboration and Creating Supportive Environments (Celebrating Achievements).



Further she mentioned various women empowerment programs such as – Swayamsidha, Swa -Shakti Project, Support to Training and employment programme for Women (STEP), Swalamban, Creches/ Day care Centers for the Children of working and Ailing Mothers, Hostels for working women, Swadhar and



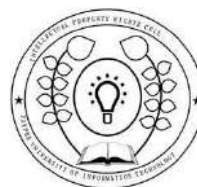
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

Rashtriya Mahila kosh (RMK). She too mentioned about Goal 3 of United Nations Millenium Development Goals which focus to promote fender equality and empower women, for which UN has introduced UNIFEM- It provides financial and technical assistance to innovative programs and strategies to foster strategies women to empowerment and gender equality. She also informed about IEEE's group WIE i.e. Institute of Electrical and Electronics Engineers Women in Engineering (IEEE WIE). "The IEEE WIE is the largest international professional group in the world dedicated to furthering the interests of female engineers and various seminars and programs of IEEE WIE and their ideology.

Then we were joined by Dr Ashish Kumar, Professor and Head of department, Civil Engineering Department also President, Institute Innovation Council (IIC) and Nodal Officer, Incubation Centre (TIEDC) at Jaypee University of Information Technology. He presented the topic 'Innovation & Startup ecosystem', starting by discussing various terms that are prevalent in topic that are – Technology, Innovation, Invention, Entrepreneurship and Startups, mentioning key points and examples related to each. He also talked about Creativity and how Creativity helps in Innovation. Then he emphasized "Startup Ecosystem" and various elements of ecosystem, and what makes an Ecosystem Thrive.

Startup Ecosystem in India began to settle after The Startup India initiative was launched on 16th January 2016, by the Hon'ble Prime Minister. The Startup India Portal acts as a virtual incubation platform for startup ecosystem stakeholders, to network with each other, have access to resources, tools & templates that would help them throughout their journey and now India has 3rd largest startup ecosystem in the world. Then he mentioned various stages of startup and types of funding startup that can be raised to give a boost including various schemes of Government in India. He also mentioned about various schemes of state governments of various states of India dedicated to raise startup opportunities, in which he briefly talked about "Chief Minister's Startup/innovation Project/New Industries Scheme" of government of Himachal Pradesh which aim to set up Incubators across the state, facilitating and promoting innovation and promoting human capital. Describing various incentives given under the scheme, One of Incubation centre funded under the scheme is settled at Jaypee University – Technology Incubation and Entrepreneurship Development Cell (TIEDC).



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)



He ended by stating the main motto of the center is to Support Students and Innovators To showcase their idea, prototype, business model at various Innovative and Technical events at National and International level.

Dr. Aman Sharma presented the vote of thanks to the speakers and the participants. The experts also interacted with the participants, which reflected that the FDP was perceived extremely informative and knowledgeable to the attendees. The feedback from the participants ranked the FDP at 5/5 rating. The overall FDP saw 12 sessions spread over 10 hours for 5 days with an average audience of 40 attendees. The FDP was successfully completed by the endeavors of both the faculty and student coordinators and the active support of JUIT.

List of participants and Coordinators :

Initials	Name	Gender	Designation: faculty /student/coordinator
Prof.	Sudhir Kumar	M	Faculty Coordinator
Prof.	Shruti Jain	F	Faculty Coordinator
Prof.	Ashish Kumar	M	Faculty Coordinator
Dr.	Aman Sharma	M	Faculty Coordinator
Dr.	Saurabh Rawat	M	Faculty Coordinator
Mr.	Pratham Thakur	M	Student Coordinator



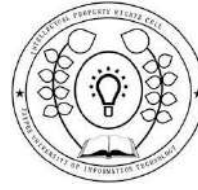


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

Mr.	Amritansh Sharma	M	Student Coordinator
Ms.	SHRUTI SHREE	F	Student Coordinator
Ms.	SANSKRITI PRIYA	F	Student Coordinator
Mr.	Pranjal Shrivastava	M	Student Coordinator
Mr.	Ashish Kumar	M	Student Coordinator
Dr.	Shikha Mittal	F	Participant
Dr.	Diksha Hooda	F	Participant
Dr.	Ekta Gandotra	F	Participant
Ms.	Neha Sharma	F	Participant
Dr.	Sakshi Varshney	F	Participant
Dr.	Deepak Gupta	M	Participant
Dr.	Deler Singh	M	Participant
Dr.	Hemant Sood	F	Participant
Dr.	Anupriya Kaur	F	Participant
Dr.	Rishi Rana	F	Participant
Dr.	Nancy Singla	F	Participant
Dr.	Vikas Baghel	M	Participant
Dr.	Aman Sharma	M	Participant
Dr.	Ragini Raj Singh	F	Participant
Dr.	Jitendraa Vashistt	M	Participant
Dr.	Naveen Jaglan	M	Participant
Dr.	Anita	F	Participant
Dr.	Tanu Sharma	F	Participant
Dr.	Poonam Sharma	F	Participant
Mr.	Praveen Modi	M	Participant
Dr.	Niraj Singh Parihar	M	Participant
Dr.	Amardeep	M	Participant
Dr.	Pardeep Garg	M	Participant
Dr.	Shubham Goel	M	Participant
Dr.	Rakesh kanji	M	Participant
Mrs.	Triambica gautam	F	Participant
Dr.	Shweta Pandit	F	Participant
Dr.	Tanmay Gupta	M	Participant
Dr.	Ashima Kalra	F	Participant
Mrs.	Anjali Nighoskar	F	Participant



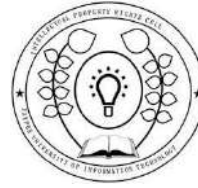


JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

Ms.	Pallavi	F	Participant
Dr.	Deepshikha	F	Participant
Dr.	GITIKA SHARMA	F	Participant
Dr.	C. Anitha	F	Participant
Dr.	K. Kalaiarasi	F	Participant
Dr.	Anupa Sinha	F	Participant
Mrs.	Santushti Betgeri	F	Participant
Dr.	Asha Ambhaikar	F	Participant
Dr.	Rashmi Vashisth	F	Participant
Mrs.	K.HEMA	F	Participant
Ms.	N. Subhiksha	F	Participant
Mrs.	S. Babitha Tharani	F	Participant
Mrs.	SUDHA.S	F	Participant
Mrs.	KALA K	F	Participant
Mrs.	ENITHA A	F	Participant
Dr.	VIMALA K.	F	Participant
Mrs.	D.KOKILA	F	Participant
Dr.	RADHIKA VIDYASAGAR	F	Participant
Mrs.	Ritambhara	F	Participant
Dr.	Sandhya Sharma	F	Participant
Mrs.	Preeti Khera	F	Participant
Dr.	S SANGEETHA	F	Participant
Dr.	Neha Dutta	F	Participant
Dr.	Bharat Bhushan Sagar	M	Participant
Dr.	Rashmi Manhas	F	Participant
Dr.	Nandita Pradhan	F	Participant
Dr.	Pooja Goel	F	Participant





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

Newspaper Coverage :

जेपी यूनिवर्सिटी में संकाय विकास कार्यक्रम का उद्घाटन समारोह मनाया



हिमाचल दस्तक ब्यूरो | सोलज दिए गए। डॉ. सुधीर कुमार, समन्वयक, आईपीआर सेल (जेयूआईटी), डॉ. आशीष कुमार, एच.ओ.डी सिविल इंजीनियरिंग विभाग, डॉ. विवेक कुमार मलिक, (एसोसिएट डीन इन्वोल्वेशन एंड इनव्यूवेशन, समन्वयक आईपीआर सेल आईआईटी रुड़की), डॉ. मिनी गिरी, आईपीआर सेल आईआईटी रुड़की, प्रोफेसर श्रुति जैन, एसोसिएट डीन (आई) और सदस्य सचिव, आईपीआर सेल, जेयूआईटी, डॉ. अमन शर्मा और डॉ. सौरभ खवत सह-समन्वयक, आईपीआर सेल, जेयूआईटी उद्घाटन सत्र में शामिल हुए। पूरे भारत से 50 से अधिक प्रतिभागियों ने पंजीकरण कराया।

जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी) बौद्धिक संपदा अधिकार सेल के सहयोग से 11 से 15 मार्च तक महिलाओं में नवाचार और उद्यमी विकास (डब्ल्यूआईडी) पर एक सप्ताह के संकाय विकास कार्यक्रम (एफडीपी) का उद्घाटन समारोह मनाया जा रहा है। (आईपीआर), राष्ट्रीय आईपी जागरूकता मिशन (एनआईपीएम) और इंस्टिट्यूशन इन्वोल्वेशन कार्टिसिल (आईआईसी) गुगल मीट के माध्यम से ऑनलाइन आयोजित इस कार्यक्रम में विभिन्न अतिथियों और संकाय सदस्यों द्वारा कई व्याख्यान

<https://himachaltonite.com/education/juit-promotes-women-in-innovation-and-entrepreneurship/>

himachaltonite.com/education/juit-promotes-women-in-innovation-and-entrepreneurship/

tom G... Login PNB E-Banking Exis... Welcome to Facebo... Inbox Set And Top Privat... WhatsApp

JUIT Promotes Women in Innovation and Entrepreneurship

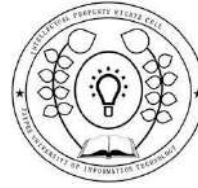
On 11 March 2023

On 11 March 2023, Jaypee University of Information Technology (JUIT) announced a significant initiative with the inaugural opening of a six-week Faculty Development Program (FDP) on Women in Innovation and Entrepreneurial Development (WIED) from March 11 to 15, 2023. This collaborative effort involved Intellectual Property Rights Cell (IPRC), National IP Awareness Mission (NIPAM) and the Institution's Innovation Council (IIC).

The event, conducted seamlessly through Google Meet, provided a platform for insightful lectures delivered by esteemed guests and faculty members. The inaugural session saw the participation of key figures, including Dr. Sudhir Kumar, Coordinator of IPR Cell at JUIT, Dr. Ashish Kumar, Head of Civil Engineering Department, Dr. Vivek Kumar Malik, Associate Dean Innovation and Incubation, Coordinator IPR Cell IIT Roorkee, Dr. Minu Giri from IPR Cell IIT Roorkee, Prof. Shashi, Associate Dean (I) and Member Secretary of IPR Cell at JUIT, along with Dr. Aman Sharma and Dr. Saurabh Khavet, Co-coordinators of IPR Cell at JUIT.

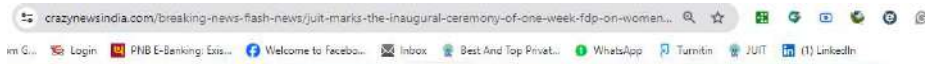
With over 50 participants from across India, the FDP aims to empower women in the fields of innovation and entrepreneurship. By bringing together experts and participants, the program strives to create a conducive environment for learning, collaboration and skill development.

The focus on Women in Innovation and Entrepreneurial Development underscores the university's commitment to fostering diversity and inclusivity in these critical domains. JUIT continues to play a pivotal role in promoting knowledge exchange and



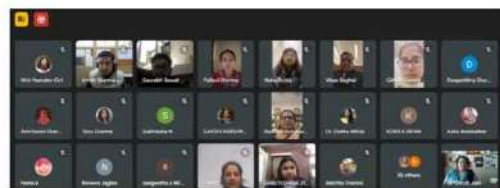
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)



JUIT marks the inaugural ceremony of one week FDP on Women in Innovation and Entrepreneur Development

crazynewsindia 13 hours ago Last updated: 2024/03/20 at 03:17 PM



Solan, March 11 – Jaypee University of Information Technology (JUIT) marked the inaugural ceremony of one week Faculty Development Program (FDP) on Women in Innovation and Entrepreneur Development (WIED) from March 11-15, 2024, in collaboration with Intellectual Property Rights Cell (IPR), National IP Awareness Mission (NIPAM) and Institution's Innovation Council (IC).

The event hosted in-line through google meet, embraced numerous lectures by various guests and faculty members. Dr. Sudhir Kumar, Coordinator, IPR cell (JUIT), Dr. Ashish Kumar, HOD Civil Engineering Department, Dr. Vivek Kumar Mailli, (Associate Dean Innovation and Incubation,

<https://crazynewsindia.com/breaking-news-flash-news/fdp-on-women-in-innovation-and-entrepreneur-development/>



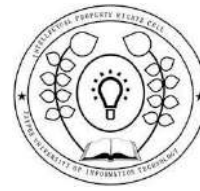
crazynewsindia.com > Himsachal News > Solan > FDP on Women in Innovation and Entrepreneur Development

FDP on Women in Innovation and Entrepreneur Development

crazynewsindia 2 days ago Last updated: 2024/03/20 at 05:4 PM



Solan Intellectual Property Rights Cell (IPR Cell) JUIT, National IP Awareness Mission (NIPAM), and Institution's Innovation Council (IC) Jaypee University of Information Technology, Waknaghat, Solan completed one-week Faculty Development Program on Women in Innovation and Entrepreneur Development (WIED) from March 11-15, 2024. The event, hosted in online, embraced numerous lectures by various guests and faculty members.



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)

<https://himachaltonite.com/himachal/juit-empowers-women-in-innovation-and-entrepreneurship-through-fdp-on-intellectual-property-rights/>

Waknaghat, Solan, March 20, 2024 - The Intellectual Property Rights Cell (IPR Cell JUIT), in collaboration with the National IP Awareness Mission (NIPAM) and the Institution's Innovation Council (IIC) at Jaypee University of Information Technology (JUIT) recently concluded a one-week Faculty Development Program (FDP) focused on Women in Innovation and Entrepreneur Development (WIED). Running from March 11 to March 15, 2024, the online event featured a series of lectures delivered by esteemed guests and faculty members.

The comprehensive program aimed to equip faculty members with the knowledge and skills necessary to empower women innovators and entrepreneurs. Notable speakers at the FDP included Mr. Govind Sharma, Ex-Chief of the National Research Development Corporation (NRDC); Dr. Vivek Kumar Malik, Coordinator of the IPR Cell at IIT Roorkee; Dr. Mini Giri from IIT Roorkee; Dr. G. Geetha, Women Scientist under WOSC Kiran IPR (DST) and Deputy Director at the Centre for Intellectual Property Rights, Anna University; Dr. Lakshmi, Examiner of Patents and Designs at the Patent Office, Delhi; and Ms. Monika, Patent Attorney at Aksh IP Associates.

The successful completion of this program underscores the commitment of the JUIT IPR Cell and IIC to empower faculty members to serve as valuable resources for women innovators and entrepreneurs. Participants gained insights into Intellectual Property Rights and the pivotal role of women in driving innovation and technological advancements. By promoting the growth of women in the field of innovation and technology, this initiative aims to foster a vibrant innovation ecosystem where women can thrive.

Dr. Shruti Jain, Dr. Aman Sharma, Dr. Saurabh Rawat, along with students of the IPR Cell, played pivotal roles in coordinating the event, ensuring its success and impact. This FDP marks a significant step towards creating an inclusive and supportive environment for women in the realm of innovation and entrepreneurship at JUIT.





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



REPORT OF TWO DAYS HANDS ON WORKSHOP FOR TECHNICAL STAFF ON 3D PRINTING TECHNOLOGY



Institution's Innovation Council (IIC) in collaboration with Technology Incubation and Entrepreneurship Development Cell (TIEDC), and IEEE JUIT SB organized two days of technical staff hands-on workshop on 3D Printing Technology from June 20-21, 2024 in ECL8, Jaypee University of Information Technology, Solan, Himachal Pradesh.

Dr. Vikas Baghel, Department of Electronics and Communication Engineering was the resource person of the workshop. The aim of the workshop is to make staff aware about the concept & importance of 3D printing Technology. The objective of the workshop is to provide the knowledge, which will provide them the opportunity to acquire innovative ideas of 3D Printing Techniques with creativity.



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
 (Established by H.P. State Legislature vide Act No. 14 of 2002)



3D technology is the transformative technology that allows for the creation of three-dimensional objects from digital models. The schedule of the program is as follows :

Date	Time	
20 June 2024 (Thursday)	10:00 AM	Introduction to 3D Printing and Basic Operations <ul style="list-style-type: none"> • History and evolution of 3D printing • 3D printing work flow • Types of 3D printing technologies • Materials used in 3D printing • Applications of 3D printing • Challenges and Limitations of 3D Printing • Components of a 3D printer (Bambu Lab X1E Printer)
	03:00 PM	AMS: Fundamentals and Functionality



		<ul style="list-style-type: none"> AMS components AMS feeding system introduction Main functions of AMS AMS setup and Filament Loading Safety precautions and best practices
21 June 2024 (Friday)	10:00 AM	<p>Filaments: Types, Properties, and Uses</p> <ul style="list-style-type: none"> Supported Filament Types Filament selection properties Filament drying 3D Printer temperature settings <p>3D Modeling Basics</p> <ul style="list-style-type: none"> Slicing software introduction (Bambu Studio) Basic 3D modeling technique Hands-on session: Creating simple 3D models Hands-on session: Preparing models for printing
	03:00 PM	<p>Advanced Printing Techniques & Projects</p> <ul style="list-style-type: none"> Multi-material printing Using supports and rafts effectively Hands-on session: Group projects Creating prototypes Project demonstration Feedback session





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
 (Established by H.P. State Legislature vide Act No. 14 of 2002)



Social Media

https://www.linkedin.com/posts/dr-shruti-jain-92705b130_institutions-innovation-council-iic-in-activity-7209831489197260803-5V-3?utm_source=share&utm_medium=member_desktop

Newspaper :

<https://himachaltonite.com/himachal/juit-hosts-hands-on-3d-printing-workshop-for-lab-staff/>

himachaltonite.com/himachal/juit-hosts-hands-on-3d-printing-workshop-for-lab-staff/

Login PNB E-Banking: Exis... Welcome to Facebo... Inbox Best And Top Privat... WhatsApp



Solan, June 23

The Institution's Innovation Council (IIC), in collaboration with the Technology Incubation and Entrepreneurship Development Cell (TIEDC) and the IEEE JUIT Student Branch, organized a two-day hands-on workshop on 3D Printing Technology. The event took place on June 20-21, 2024, in ECLS at Jaypee University of Information Technology, Wagnaghat. Dr. Vikas Baghel, Assistant Professor in the Department of Electronics and Communication Engineering, led the workshop as the resource person.

The primary aim of the workshop was to raise awareness among staff about the concept and importance of 3D printing technology. It also aimed to equip participants with the knowledge and skills necessary to generate innovative ideas using 3D printing techniques. By providing hands-on experience, the workshop highlighted how 3D technology can transform the creation of three-dimensional objects from digital models, fostering creativity and innovation among the staff.



One Week Short Term Course on “Sustainable Construction Practices for Sustainable Environment”

A one-week short term course (in hybrid mode) on ‘*Sustainable Construction Practices for Sustainable Environment*,’ was organized by the Department of Civil Engineering, Jaypee University of Information Technology (JUIT), Wagnaghat from April 22–27, 2024. The program was successfully completed under the auspices of:

- **Prof. Rajendra Kumar Sharma:** Vice Chancellor, JUIT, Wagnaghat, and Patron of the organized short-term course by Civil Engineering Department.
- **Prof. Ashok Kumar Gupta:** Dean (Academics & Research), JUIT, Wagnaghat, and Patron of the organized short-term course by Civil Engineering Department.
- **Prof. Ashish Kumar:** Head, Civil Engineering Department, JUIT, Wagnaghat, and Program Chair of the organized short-term course by Civil Engineering Department.
- **Dr. Amardeep:** Assistant Professor, Civil Engineering Department, JUIT, Wagnaghat, and Program Convener of organized short-term course by Civil Engineering Department.
- **Dr. Rishi Rana:** Assistant Professor, Civil Engineering Department, JUIT, Wagnaghat, and Program Convener of organized short-term course by Civil Engineering Department.
- **Mr. Akash Bhardwaj:** Assistant Professor, Civil Engineering Department, JUIT, Wagnaghat, and Program Coordinator of organized short-term course by Civil Engineering Department.

The short-term course (STC) on ‘**Sustainable Construction Practices for Sustainable Environment**’ hosted various invited and guest lecturers from renowned institutes covering multifaceted aspects on progress, developments, legislations, and existing trends in sustainable construction practices with applications of software and models. The course was specifically designed for the HPPWD engineers from various regions of Himachal Pradesh. STC provided a comprehensive overview of the principles, techniques, and strategies essential for fostering environmentally responsible construction practices. Throughout the duration of the course, participants were immersed in a dynamic learning environment that combined theoretical knowledge with practical applications, equipping them with the necessary skills and insights to





contribute to sustainable development in the construction industry. The course emphasized the importance of adopting a holistic approach to sustainable construction, encompassing various aspects such as energy efficiency, resource conservation, waste management, and green building design. Participants gained a deeper understanding of the interconnectedness between construction activities and environmental impacts, as well as the potential of sustainable practices to mitigate these impacts and promote resilience in the face of climate change. Through engaging lectures, interactive discussions, hands-on activities, and insightful guest presentations, participants were exposed to a diverse range of perspectives and best practices from leading experts and practitioners in the field. Case studies showcased innovative sustainable construction projects from around the world, inspiring participants to think creatively and apply sustainable principles in their own professional endeavors.

Table-1 highlights the program schedule of the conducted STC including the names and organizations of the speakers along with the title of lectures (talks) delivered by them.

Table 1: Schedule for One-Week STC on *"Sustainable Construction Practices for Sustainable Environment"*, April 22-27, 2024 (in hybrid mode)

Date	Time	Events
22-04-2024	09:30 AM	Inaugural speech by Prof. (Dr.) Rajendra Kumar Sharma, Vice-Chancellor, JUIT
	09:45 AM	Inaugural speech by Prof. (Dr.) Ashok Kumar Gupta, Dean (Academics and Research), JUIT
	10: 00 AM	Motivational Lecture by Prof. (Dr.) Ashish Kumar, HCED, JUIT
	10:15 AM	Expert Talk by Dr. Amardeep, Assistant Professor, CED JUIT
	11:30 AM	High Tea
	12:00 PM	Expert Talk by Dr. Ran Bir Singh, Assistant Professor, CED CUH
	2:30 PM	Expert Talk by Dr. Rishi Rana, Assistant Professor, CED JUIT
	3:30 PM	High Tea





	4:00 PM	Expert Talk by Dr. Senthil Kasilingam, Assistant Professor, CED, NIT Jalandhar
23-04-2024	10:15 AM	Expert Talk by Dr. Tanmay Gupta, Assistant Professor, CED JUIT
	11:30 AM	High Tea
	12:00 PM	Expert Talk by Dr. Ran Bir Singh, Assistant Professor, CED CUH
	2:30 PM	Expert Talk by Dr. Saurabh Rawat, Associate Professor, CED JUIT
	3:30 PM	High Tea
	4:00 PM	Expert Talk by Dr. Dr. Senthil Kasilingam, Assistant Professor, CED, NIT Jalandhar
24-04-2024	10:15 AM	Prof. (Ar.) Jit Kumar Gupta- Former Director, College of Architecture IET Bhaddal, Punjab
	11:30 AM	High Tea
	12:00 PM	Prof. (Ar.) Jit Kumar Gupta- Former Director, College of Architecture IET Bhaddal, Punjab
	2:30 PM	Expert Talk by Dr. Bhupendera, Assistant Professor, CED IIT Jodhpur
	3:30 PM	High Tea
	4:00 PM	Expert Talk by Dr. Niraj Parihar, Assistant Professor, CED, JUIT
25-04-2024	10:15 AM	Expert Talk by Dr. Saurav, Assistant Professor, CED JUIT
	11:30 AM	High Tea
	12:00 PM	Expert Talk by Ar. Vaibhav Gupta-Partner and Principal Architect Lucknow, UP
	2:30 PM	Expert Talk by Dr. Sugandha Singh, Assistant Professor, CED JUIT



	3:30 PM	High Tea
	4:00 PM	Expert Talk by Dr. Bhupendra, Assistant Professor, CED IIT Jodhpur
26-04-2024	10:15 AM	Expert Talk by Dr. Ankit Kathuria, Assistant Professor, CED IIT Jammu
	11:30 AM	High Tea
	12:00 PM	Expert Talk by Dr. Nikhil Saboo, Assistant Professor, CED IIT Roorkee
	2:30 PM	Expert Talk by Ar. Vaibhav Gupta - Partner and Principal Architect Lucknow, UP
	3:30 PM	High Tea
	4:00 PM	Enjoy JUIT festival
27-04-2024	10:15 AM	Expert Talk by Dr. Ankit Kathuria, Assistant Professor, CED IIT Jammu
	11:30 AM	High Tea
	12:00 PM	Expert Talk by Dr. Nikhil Saboo, Assistant Professor, CED IIT Roorkee
	12:30 PM	Closing Ceremony

Feedback from participants has been overwhelmingly positive, with many expressing appreciations for the practical relevance of the course content, the expertise of the instructors, and the opportunity to network with peers who share a common commitment to sustainability. As we reflect on the achievements of this course, it is evident that education and training play a crucial role in driving positive change within the construction industry and advancing towards a more sustainable future.





Table 2: Summary of participation Details in the STC 2024

Total Number of Registered participants	20
Total Number of external participants	12

Other Salient Features

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

Summary Statistics of Feedback received from Participants and Speakers are summarized below in Tables 3 and 4 respectively.

Table 3: Participant feedback details of the STC, 2024

Total number of participants feedback	20
Overall average feedback score	<p>Excellent (75%); Very Good (22%); Good (3%)</p> <p>Based on a 5-point scale rating system (1–5: poor to excellent)</p>



Table 4: Speaker feedback details of the STC, 2024

Total number of Speaker feedback	10
Overall average feedback score	Excellent (71%). Very Good (29%). Based on a 5-point scale rating system (1–5: poor to excellent)

Photos



Dr. Ashish Kumar Facilitating to Dr. Bhupendra (IIT Jodhpur)



Dr. Ashish Kumar Facilitating to Ar. Vaibhav Gupta (Lucknow)



Dr. Bhupendra (IIT Jodhpur)



Dr. Ankit (IIT Jammu)



Hands on Training to HPPWD officials



Hands on Training to HPPWD officials



A Group Photograph of HPPWD officials with Prof. Jit Kumar Gupta



Dr. Ashish Kumar Facilitating to Dr. Ran Bir Singh (CUH)



Dr. Ashish Kumar Facilitating to Dr. Ankit (IIT Jammu)



Group photograph with HPPWD officials

**An Expert Lecture
On
“Innovation, Entrepreneurship & Sustainability”**

It is the immense pleasure to inform you that an expert lecture titled as “Innovation, Entrepreneurship & Sustainability” was delivered by Dr. Gyanendra Kumar, Founder Director & CEO of SustianAble Solutions Noida, India on Decemebr 9, 2023 in the Department of Civil Engineering. A total of 40 no. of students and the faculty members of the Department of Civil Engineering joined this expert lecture. The main aim of the lecture was to explore the new sustainable materials for the construction process which may help us out to preserve the natural resources as well as in reducing the carbon footprinting. Dr. Gyanendra Kumar also discussed the possible number of alternatives of cement and the fuels used in the same process. He was also very interested to do work with the Department of Civil Engineering of JUIT Wajnaghat in the field of sustainable construction. Besides this, a Q&A session was also organized to address the query of the students related to innovation and how to become an entrepreneur.







JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



Seminar

On

“Cement Manufacturing Process & Vastu”

On May 16, 2024, the Civil Engineering Department of Jaypee University of Information Technology (JUIT) hosted a seminar on "Cement Manufacturing Process & Vastu" in collaboration with Ultratech Cement Ltd. The seminar aimed to provide an in-depth knowledge about cement manufacturing processes and the integration of Vastu principles in construction.

Speakers:

- **Mr. Mukesh Jha**, Area Head – Technical, Customer Solution North Zone: Mr. Jha delivered an insightful talk on the principles of Vastu and their practical application in modern construction. His presentation highlighted how Vastu can enhance the design and functionality of buildings, ensuring harmony and positive energy in constructed spaces.
- **Mr. Abhay Tomar**, Regional Head, Technical Customer Solution, Himachal Pradesh: Mr. Tomar focused on the intricacies of the cement manufacturing process. He detailed the various stages of production, the latest technological advancements in the industry, and the importance of quality control in ensuring durable and sustainable construction materials.

Moderator:

- **Dr. Tanmay Gupta**, Assistant Professor, Civil Engineering, JUIT

Event Highlights:

- **Student Participation:** Approximately 60 students from the Civil Engineering Department attended the seminar, benefiting greatly from the insights shared by the esteemed speakers. The interactive session allowed students to deepen their understanding of cement manufacturing and the practical application of Vastu in construction projects.
- **Interactive Session:** JUIT students were highly engaged throughout the seminar, posing thoughtful questions on various topics, including placement opportunities, research collaborations, and practical aspects of Vastu in construction. The dynamic interaction between the students and speakers fostered a rich learning environment.
- **Token of Appreciation:** As a token of appreciation, Ultratech Cement Ltd. distributed keychains to all participating students. This gesture was well-received and added a personal touch to the event.
- **Speaker Recognition:** The Head of the Department, Dr. Ashish, presented mementos to the speakers as a sign of gratitude for their valuable contributions. This acknowledgment highlighted the department's appreciation for the expertise and time shared by the speakers.



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
 (Established by H.P. State Legislature vide Act No. 14 of 2002)



- **Hosting:** The seminar was adeptly hosted by Dr. Tanmay Gupta, whose excellent moderation ensured the smooth flow of the event. His engaging style facilitated an open dialogue and kept the participants actively involved.

Conclusion:

The seminar on "Cement Manufacturing Process & Vastu" was a resounding success, providing students with crucial knowledge and practical insights. The collaboration with Ultratech Cement Ltd. added significant value, making it a memorable and impactful event for all attendees. The Civil Engineering Department of JUIT looks forward to organizing more such enriching sessions in the future to continue fostering academic and professional growth among its students.

CIVIL ENGINEERING DEPARTMENT
 Jaypee University of Information Technology
 Waknaghat, Solan, Himachal Pradesh
 In association with
Ultratech Cement Ltd.
 Presents a Seminar on
Cement Manufacturing Process & Vastu

Speakers



MR. MUKESH JHA
 Area Head – Technical
 Customer Solution North Zone



MR. ABHAY TOMAR
 Regional Head – Technical
 Customer Solution Himachal Pradesh

THURS DAY | MAY 16 | 11 AM [Contact for More Details](#)

JAYPEE EDUSPHERE
 IGNI TED MINDS
 INSPIRED SOULS
 @cedjuit
 www.juit.ac.in/civil-engineering

MODERATOR
 Dr. Tanmay Gupta,
 Assistant Professor, Civil
 Engineering, JUIT
 CONTACT: +91-7976801207






JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)

