

HILLY RAMBLINGS

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IN THIS ISSUE:

MoU
Workshops
FDP
Club Activities

MURIOUS
DHUN
Faculty Spotlight
Student Spotlight

LE-FIESTUS
Expert Talk
Educational Tours
Intellectual Capital

ALFAZ
Outreach activities
Placements
More updates....



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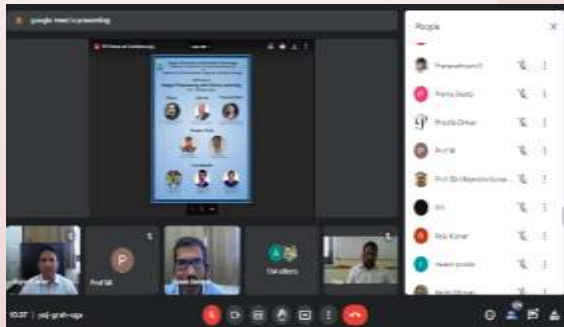
Suggestions and comments may kindly be sent to
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Workshop on

IMAGE PROCESSING WITH DEEP LEARNING

March 22 – 26, 2022

The Department of ECE and Department of CSE/IT, JUIT, Solan has organised a Workshop on Image Processing with Deep Learning during 22nd - 26th March 2022. Deep Learning networks on Image Processing finds its application in biomedical, forensic science, remote sensing, agriculture, and in many more. Due to its wide area of applications, it attracts students, researchers, educators and industrialists from different backgrounds like Electronics and Communication Engineering, Computer Science Engineering, Biotechnology and Bioinformatics Engineering and others. This workshop was organized with the aim to help the participants working or intend to work in the area of computer vision, biomedical

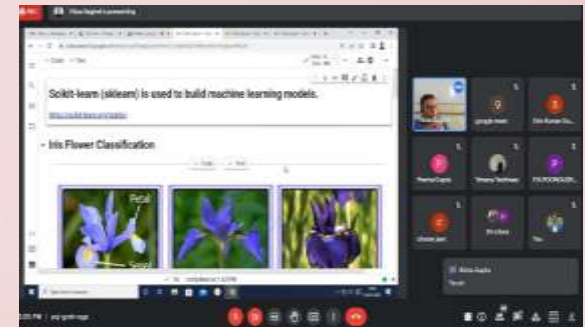


engineering, forensic analysis, remote sensing images and telemedicine; and to help the participants to explore the new dimensions for their academic and research activities.

Workshop was conducted in hybrid both (both Offline and Online Mode). All the lectures were delivered remotely by keynote speakers, whereas hands-on sessions were conducted by experts in the Lab. All the sessions were made available



through googlemeet for the Online Participants. A total of 373 participants had registered for this workshop. We had received registrations from India and globally from countries like Australia, Denmark, and South Africa. Among the registered participants, 180 were Faculty, 67 were research



Scholars, 31 were PG students, 9 registrations were from Industry, 5 were scientists and the remaining registration were UG students. Participants affiliated from premium institutes like Queensland University of Technology, University of Johannesburg, IIT Bombay, IIT Rookee, NIT Raipur, NIT Srinagar, IIIT Allahabad, DTU, and NSUT Delhi had registered in the workshop. Some participants were from companies like Bharti Airtel, Philips Health Care, HFCL Limited, etc.



Online National-level FDP on
**NEP 2020 IMPLEMENTATION IN
 HIGHER EDUCATION INSTITUTES**

May 9 – 13, 2022

Department of Curriculum Development Centre, National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh organized a one-week online FDP on “NEP 2020 Implementation in Higher Education Institutes” from May 9-13, 2022. Jaypee University of Information Technology, Solan H.P. is one of the RESOURCE CENTRE (Online mode). A total of 47 participants from various departments attended the FDP.

The objectives of the FDP are:

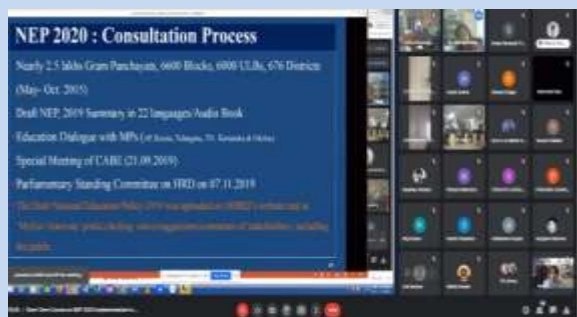
- To provide an insight into the National Education Policy 2020
- To impart knowledge about the changes



and transformations to be brought about in the country’s educational framework.

- To make the faculty understand the nuances of the policy in letter and spirit and the ways to effective implementation of the policy in every domain of the educational sector.

Course contents were: Reforms in the Education System through New Education Policy, Restructuring Curriculum Framework for Higher



Education in NEP-2020, Research and Innovation perspective at technical HEIs through NEP-2020, Need and Implementation of National Institutional Ranking Framework, Implementation of NEP parameters for Accreditation, Institutional



Restructuring and Consolidation Restructuring Curriculum Framework for Higher Education in NEP-2020, Online, and Digital Education: Ensuring Equitable Use of Technology Catalyzing Quality Academic Research in all Fields through a New National Research Foundation and many more.

Dr. Shruti Jain and Mr. Pramod Kumar coordinated the event. As a coordinator, she has also presented on the topic “Effective Teaching Learning Practices”.



Workshop on

DATA ANALYTICS AND ITS RESEARCH PERSPECTIVES

June 06 – 11, 2022

This workshop consists of five lecture sessions on different domains of applied data analytics, followed by hands-on sessions. This workshop was conducted in both offline and online mode. Our speakers are from both academia and industry. We are happy to let you know that the audience for the workshop varies from B.Tech students to research scholars, faculty members, and industry professionals. The theme of the workshop was in line with the current research issues, so it attracted national and international participants.

The main objectives of the workshop were

- To provide the recent development in the areas of agriculture, natural language processing, graph mining and autonomous driving.
- To provide hands-on practice on Big Data in agriculture, natural language processing, graph mining and autonomous driving using Python and MATLAB.

The schedule of the workshop as:

DAY ONE - **Dr. Ashima Singh**, Associate Professor, CSED, Thapar Institute of Engineering and Technology delivered a lecture on Omic Data Analytics, with hands-on session in the evening.

DAY TWO - Lecture sessions delivered by **Dr. Vandana Bhatia**, Assistant Professor, CSE, NSUT, on the topic Graph Mining with hands-on session in the evening.

DAY THREE - **Dr. Chetan R. Dudhagara**, Assistant Professor, AAU, Anand delivered a lecture on Big Data in Agriculture with hands-on session in the evening.

DAY FOUR - **Dr. Ajantha, Research Head, AP3 Solutions** delivered lecture on Natural Language Processing with hands-on session in the evening.

DAY FIVE - **Dr. Deepak Kumar Dewangan**, Assistant Professor, Department of Computer Science and Engineering, Institute of Technical Education and Research (ITER), Siksha O Anusandhan delivered lecture on Introduction to Autonomous Driving along with hands-on session in the evening.



Workshop on

ENVIRONMENT AND SUSTAINABILITY

June 09, 2022

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

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

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



Workshop on

IOT AND ROBOTICS

March 07 – 12, 2022

The Internet of Things ('IoT')-all embracing heterogeneous networks of smart devices hyper connected with each other via the Internet is on the rise and will become reality within the next five years. Like any technological



progress, this development offers social and economic opportunities, but at the same time it also harbors, notably, the IoT risks and detrimental impact. IEEE JUIT-SB conducted one week workshop on the future topic IoT from March 7th -12th, 2022. This workshop was done in collaboration with e-Yantra. Dr. Vikas Baghel took all the sessions and Mr. Abhishek helped in the lab. The aim of the workshop to discuss real life use cases on IoT applications and make the session interactive by providing an opportunity to suggest a solution to real life scenario also has been included to discuss some bonus: IoT demo applications with Firebird-V. Week ended with the demonstration of life projects.

Day Wise Tasks:

Day 1: Introduction to Firebird-V, hardware components and software installation.

Day 2: Code to operate Buzzer.

Day 3: Basic IO Interfacing on Firebird-V



Day 4: BarLED Buzzer Interfacing and LCD Interfacing

Day 5: Motion Control and Velocity Control

Day 6: Position Control using Interrupt and Sensors Interfacing

Day 7: ADC Sensor Display and White Line Follower

The main headlights of the workshop are given below:

- Different types of Arduino boards, Firebird robots and their characteristics (Power supply, clock)
- Speed, Digital I/O, Analog Input, PWM modulation and different kinds of interfacing).
- Wi-Fi module Programming with Firebird robots.
- Interfacing of sensors and uploading data on cloud.
- For Interfacing different types of sensors with Arduino and Firebird-V with database, different programming steps have been discussed (function, statement, control statement levels variables, maths, pin mode, serial mode, digital mode variable, delay and for loop)
- Interfacing and controlling various devices like LED, motors, sensors etc. with Firebird-V.
- Four examples have been taken as a hands-on such as LED glow, Switch sensing, Temperature display, small motor controlling.
- 15 students have participated.
- The participants were also awarded with certificates and kits to continue their journey with IoT.

Overall, the workshop was a big success and all the participants learnt a IoT.

Workshop on

STATISTICAL TECHNIQUES IN BIOLOGICAL AND MEDICAL SCIENCES (STBMS – 2022)

June 17 – 23, 2022



The workshop on “Statistical Techniques in Biological and Medical Sciences (STBMS-2022)” was organized during the 17 – 23 June 2022 at JUIT, Wahnaghat. It was inaugurated by Prof. Dr. Rajendra Kumar Sharma (Vice-Chancellor, JUIT) in the presence of Maj Gen Rakesh Bassi (Retd.) (Registrar and Dean of Students), Prof. Ashok Kumar Gupta, Dean (Academics & Research) and Prof. Suresh Sharma, PU, Chandigarh (Guest of Honor) along with participants, faculty/staff members and research scholars of the JUIT.

Day 1: Lectures and Lab (Prof. Suresh K. Sharma, PU, Chandigarh) - He described the mean, median, mode, standard deviation, categorical variable and



continuous variable, Kurtosis, skewness of the data etc.

Day 2: Lectures and Lab (Prof. Suresh K. Sharma, PU, Chandigarh) - Prof. Sharma described the Chi-square test etc. Logistic Regression, MLR, Odds ratio, risk ratio, and ROC curve were discussed. Correlations and their types such as Karl person, Spearman's Rank, Multiple (R²), Partial Correlation coefficients, Correlation ratio, and Non-linear correlations were discussed in detail along with the different types of scales and measures of association.

Day-3: One Day Excursion to Shimla

Day 4: Lectures and Lab (Prof. Amar Nath Gill) (20.06.2022) - Prof. Gill has covered Correlation and association of attributes, Simple and multiple linear regressions, regression with dummy variables, and others. He also described the Principal Component analysis (PCA) and factor analysis

Day 5: Lectures and Lab (Prof. Amar Nath Gill and Dr. Tiratha Raj Singh) - Prof. Gill covered idea of multiple comparison procedures and pair-wise



comparison and comparison with test & control and described proper ways to use these techniques. Prof. Gill covered Ranking and Selection Problems and Order restricted comparison procedures in great detail. Dr. Tiratha Raj Singh introduced R programming language to the participants.

Day 6: Lectures and Lab - Dr. Tiratha Raj Singh introduced bioinformatics in a very interactive lecture. He has introduced the central dogma of bioinformatics and importance of bioinformatics. Dr. Bhupendra Kumar Pathak covered various aspects of statistics such as Probability and Distribution: Random variables, probability mass functions, probability density functions, Binomial, Poisson's, and Normal distributions in good detail.

Day 7: Lectures and Lab (23.06.2022) - The session by Dr. Saurabh Shrivastava covered Non-parametric tests, Sign test, Wilcoxon rank-sum test, Kruskal-Wallis test, Friedman test, and Run test followed by the lab session to implement all these techniques.

Valedictory Function - Prof. Dr. Rajendra Kumar Sharma (Vice-Chancellor) addressed the participants and encouraged them to invent new ideas and suggested to work on them. He also felicitated organizing team which includes Dr. Tiratha Raj Singh, Dr. Neelkantha, Dr. Ragini Raj Singh, etc.



Online workshop on

ADVANCED STAAD MODELLING

June 21 – 22, 2022

A two-day Hands-on STAAD Pro training workshop was organized at Jaypee University of Information Technology, Wanknaghat, Solan, Himachal Pradesh on June 21–22, 2022. The workshop was organized in an online mode with an objective to impart specific structural design and analysis skills to the participants. The two days online workshop titled Advanced STAAD Modelling was organized by the Department of Civil Engineering in collaboration with Himachal Pradesh Public Works Department. The workshop specifically focused on the design issues being faced by the practicing engineers at HPPWD. The workshop was organized under the aegis of Civil Engineering Department of JUIT, Wanknaghat. The Program Convener, Dr. Tanmay Gupta, Assistant Professor (Senior Grade), under the leadership of Prof. Ashish Kumar, Head of the Department, Civil Engineering conducted the technical sessions. The workshop received exclusive participation from the Assistant and Junior Engineers of HPPWD. Various technical issues related to the design

and analyses of complicated structural components, along with the latest codal provisions, were discussed during the workshop. The participants appreciated the

Session details

- Day 1, Pre-Lunch Session: Earthquake Resistant Design of RCC buildings with latest Codal Provisions.
- Day 1, Post-Lunch Session: Hands on Training EQ 26 building Modelling with various techniques in STAAD Pro.
- Day 2, Pre-Lunch Session: Hands on Training Structural wall modelling in STAAD Pro.
- Day 2, Post-Lunch Session: Hands on Training on Strut modelling of Walls in STAAD Pro.

efforts put in by the organizing committee and the workshop has been a success. The closing was chaired by Prof. Ashok Kumar, Dean Academics and Research, JUIT Wanknaghat, and the vote of thanks was delivered by Prof. Ashish Kumar, Head, Civil Engineering, JUIT Wanknaghat.



Expert Visit to JUIT

JUIT -HORRIBA RESEARCHER EXPERIENCE

Dr. Rajeev Gautam, Corporate Officer, HORIBA, Ltd., Japan

President, HORIBA India Pvt. Ltd.

March 24, 2022

Dr. Rajeev Gautam is currently heading HORIBA India Private Limited, headquartered in New Delhi. He has a successful and proven track record in managing the sales, strategy and related business operations of HORIBA group in India and SAARC with significant contributions to business in other parts of the world. Dr. Gautam, an alumnus of the Indian Institute of Technology (IIT) Roorkee, has led many senior managerial positions at renowned business organizations including Cadila Pharmaceuticals, Ranbaxy Laboratories and Bremer Pharma. HORIBA Group is a technology leader. HORIBA India, with a current turnover of over 6 B.JPY, and employee strength of 500+ people, has seen significant growth under the dynamic leadership of Dr. Rajeev Gautam in the last decade. Dr. Gautam's vision has helped HORIBA to gain good market share, customer delight and drive revenues and profitability for the company. He is a recipient of several awards including the 'Most Influential Leader in MedTech-2021' and the 'Top Torchbearer of Healthcare-2021' (page 36) presented by Medgate today, the 'The Leader Behind an Admirable Company to Watch in 2020', by Innovative Zone, the 'Diagnostic Icon during COVID-19 Pandemic' in Healthcare Crusaders Award 2020, Strategy Visionary Leader-2019 by Transformance, 'Leadership Icon of the year 2018' by USB Forums, 'Great Managers Awards' by Economic Times in the Senior Leaders



Category in 2017, etc. to name a few for his dynamic leadership, decision-making abilities, and visionary business insights.

Dr. Gautam visited the campus of JUIT and research facility in the department of Biotechnology and Biouinformatics he was very impressed with research and study environment here. He interacted with faculty member, PhD scholars and discuss their field of interest, he appreciate the research work running by faculty in the department of BT&BI and ECE. He motivated the faculty member to start collaborative research with industries partner. He was very positive for HORRIBA –JUIT collaborative research. The JUIT team discussed the possibility of student training/internship at HORRIBA in near future. Dr. Gautam was very keen to setup an instrumental facility at JUIT. After meeting, Dr. Gautam was very positive for more and more meetings or visits in JUIT in near future.



Expert Talk on

CONSTRUCTION METHODOLOGY IN HIGHWAY PROJECTS

By Mr. Abdul Basit, Regional Officer, NHAI (HP)

May 27, 2022

The Department of Civil Engineering, Jaypee University of Information Technology, along with National Highway Authority of India, organized an interactive session with Civil Engineering students. The interactive session titled, "Construction Methodology in Highway Projects," was delivered by Mr. Abdul Basit on 27th May 2022 at Jaypee University. Mr. Abdul Basit is currently working as Regional Officer of NHAI (HP). Prior to joining his current position, Mr. Basit served as the General Manager at NHAI's Uttar Pradesh Regional Office in Lucknow. Mr. Basit also worked as International Projects Engineer at the Canadian MNC, SNC-Lavalin. The event was inaugurated by Prof. Dr. Ashish Kumar, Head of Department, Civil Engineering, JUIT, Wagnaghat. He welcomed all the participants and emphasized on the importance of having interaction with Industry experts. He motivated the students to stay connected with the industry experts to tackle the challenges they face in their corporate lives. The VC, JUIT Wagnaghat also addressed the students and motivated them for their prosperous future. Sh. Basit, lecture emphasised on the construction techniques and use of innovated ways to deal with problems faced at the sites. He stressed about need of

good civil engineers in the country. He emphasized that Civil Engineering students need to focus more on basics and rely on their common sense to progress in the career. He also noted that industry usually finds it difficult



to recruit and retain good Civil Engineers. He, thus, motivated the students to focus on studies and build a strong foundation. An overwhelming response was received from the students currently in B.Tech. third and final year as well as M.Tech. students. The interactive session was also attended by various engineers and officials from NHAI and Airef Engineers. Faculty members of Civil Engineering Department also attended the session. All the attendees took active part in discussions.



Alumni Talk

BRIDGING THE GAP BETWEEN ACADEMIC & INDUSTRY

By Mr. Sanjay Kumar Singh, British Telecom, UK

June 11, 2022

Department of Electronics and Communications had a proud moment in inviting its Alumni Mr. Sanjay Kumar Singh on 11th June for a panel discussion on the topic “Bridging the gap between Academic & Industry”. Discussion focussed on the required skill sets – both technical and soft – of industry and how can present day academia instil and nurture these skills in students.

During that discussion, he discussed the importance of upgrading the skill set from time to time in highly competitive technological world. The session also covered the relevance of internship for industry exposure and to make students industry ready before they enter the corporate world. We look forward to more engagement and advice from Mr Sanjay, on ways and means to enable internships in the industry. This panel discussion had a positive impact on the department activities to further the efforts of the entire department for the betterment of its students.

Prof. Rajiv Kumar and the faculty members and lab-staff were present during this panel discussion.



About Mr. Sanjay Kumar Singh:

Sanjay Singh is an engineering manager working with one of UK largest Telcos, British Telecom. He has close to 16 years of industry experience primarily in the telecom domain. He is deft at transformation programmes to drive workforce management stack. His main area of expertise is in plan and build, orchestration and fulfilment journey of telecommunication and currently working with Openreach for fibre enablement to wider UK community. Before BT, he worked with Infosys.



MoU with
MITSUBISHI ELECTRIC INDIA PRIVATE LIMITED
March 01, 2022



In its efforts to produce highly qualified, industry ready graduated in the current Industry 4.0 arena, Jaypee University of Information Technology has entered in to a Memorandum of Understanding with Mitsubishi Electric India Private Limited, a Company incorporated under companies act, 1956, Gurgaon, Haryana in May 2022. The main objective of this MoU is to spread awareness about automation amongst young Indian engineers and contribute to the Indian market through its products and technologies. Under this MoU, MEI has given MEI will give Mitsubishi FA Training Equipment along with necessary programming software for simulation / programming to JUIT for demonstration, learning and training purposes. A 'Mitsubishi Industrial Automation Centre' is established at JUIT campus.



Equipped with important components which required in industrial automation are programmable logic controller (PLC), Inverter, Servo and Human Machine Interface. This lab offers a complete coverage on these topics to make students experts in automation domain. This lab offers:

- A course of Programmable Logic Controller to develop programmes to meet the needs of a specific application.
- A course on HMI, Inverter, Servo Motor and XY plotter significance and their applications.

Mitsubishi Electric trained the faculty members and Lab Staff

From 22 June 2022 to 24 June, 2022, MEI in JUIT has conducted a training course to train its faculty members and lab-staff. Mr. Kirit Singh Chauhan from MEI Pvt. Ltd. delivered lectures and demonstrated the working of different components present in kits in a brief and precise manner. In this training faculty, lab-staff from different departments participated and interacted with engineer for better utilization of the kits. During this training, Installation of required software for the Programmable Logic Controller (PLC), Inverter, Human Machine Interface (HMI) and Servo Control was done.



JYC Event

MURIOUS 16.0

March 25 – 27, 2022

Jaypee University of Information and Technology inaugurated MURIOUS 16.0, the biggest Tech fest of the year, organized by Technical Sciences, Movies and Photography club of JYC in association with IEEE- JUIT SB, ACM -JUIT and JUIT Alumni Cell on 25th March 2022. The 3-day event started with the inauguration ceremony in Lecture Theatre-3 in the presence of honorable Vice-Chancellor Prof. (Dr.) Rajendra Kumar Sharma, Dean of academics Prof. (Dr.) Ashok Kumar Gupta, (Dr.) Vivek Kumar Sehgal, JYC Faculty Incharge Dr. Amit Srivastava, and JYC president Aditya Saxena.

The Day-1 Ceremony began with the lamp lighting, which was followed by the Vice-Chancellor's motivating and illuminating speech, which marked the commencement of the events. The Expanse- Hackathon, an 18-hour coding competition, was the first event on the schedule. The fest continued with gaming events that included Valorant gaming and also a BGMI tournament. Project Euclid, a two-hour coding competition, was held on the third day. After the Project Euclid winners were announced, Mr Raj Jain, a JUIT alumnus from the 2007-ECE batch who is now the founder-CEO of Knoewit, gave a fantastic Tech Talk. He delivered an energizing and motivating speech to the students. Following the Tech talk, Code Relay was planned as per the schedule.

Synchrotron-2022 was held to commemorate the end of the spectacular Tech Fest. The ceremony began with the lamp lighting, a customary tradition at the institute. Following that, the participants took part in a glamorous Ramp walk in pairs. The band performed euphonious melodies, and the student dance groups put on an energetic dance show. A colorful drama and contagious mime were unveiled by Stage Players and The Thespians. When 'Pakke Pahadiye' and 'United Bhangra Crew' performed ethnic dances, the audience was enthralled. The pulsating atmosphere, flashing lights, and foot-tapping music perfectly set the tone for the occasion. As performances took center stage, the enthusiasm grew to a joyous peak. The event ended with a vote of thanks, recognizing the organizers' outstanding work and meticulous planning in making the event a success!



Theatre and Music Club event

DHUN

April 15, 2022

The Theatre and Music Club of Jaypee University of Information and Technology held their flagship event "DHUN - the musical night of JUIT" at Dhyana Kaksh on April 15, 2022. Some of the faculty members whose presence made the evening even more delightful were Dr. Amit Srivastava, Dr. Rakesh Kumar Bajaj, Dr. Rahul Shrivastava, Dr. Gopal Singh Bisht, Dr. Vikas Baghel and Dr. Neena Jindal.

This event was organized by the combined efforts of the club coordinators Pranjal Bansal, Jeet and Mrinal Sharma and the entire team of the club. The musical performances enticed students from all the years. The throbbing atmosphere and foot-stomping music set the tone for the occasion. The excitement came to a joyful crescendo as musicians took center stage. All the performances were so wonderful that the students couldn't help but sing along to them. At the event, there were a total of 18



performances. All the performances were vivid, ranging from retro to contemporary music. The melodies were sung by students from all the years, including Bhutanese students.

The students were left wanting more after the two-hour programme. The evening came to a close with a vote of thanks to all of the students and professors who attended the event and made it a success.



JYC Event

MASTERCHEF

April 16, 2022

On the 16th of April 2022, students from Jaypee University of Information and Technology, Waknaghat, donned their 'Chef Caps' to showcase their culinary skills in 'MasterChef-2022,' the Flagship event of JYC's Environment Ecology and Health Club, organized on the university's Basketball Court. All the teams participated in the event with full zeal and enthusiasm, serving out nutritious yet delightful treats. All the food on display was visually appealing and was prepared in an artistic and aesthetic manner. The dishes were rated on their presentation and flavor, by a panel of distinguished judges consisting of Mrs. Anupama Sharma, Mrs. Vibha Bassi, Mrs. Mamta Gupta and Mrs. Sarika Sahay. The judges were overwhelmed by the contestants' efforts, and the results were announced amidst fierce rivalry. Team Elite bagged the first place, serving Paneer, Missi Roti, and Turkish delight,

closely followed by team Tongue Twisters, which took second place for serving Pink sauce pasta, pizza, cake, and mocktail and finally Team Lababdar Chefs were placed third after serving Paneer Lababdar, Lacha Paratha, Salad, Raita, and Mojito.

Pankaj Kumar (Student Coordinator Environment Ecology and Health Club), along with Dr. Sourav and Dr. Naveen Jaglan (Faculty Coordinators), worked together to make the event a success. Aditya Saxena (President JYC), also took part in the competition along with his team and they prepared Pink Sauce Pasta, Country Special Pizza, Chocolate truffle Delight and Cranberry cooler to the judges. The event not only gave the students a platform to express their creativity, but it also allowed them to discover their hidden talents.



JYC Event

ALFAAZ (LITERARY FEST)

April 23 – 24, 2022

ALFAAZ, the annual literary fest of JUIT, marked its beginning as the inauguration ceremony of the fest which was organized by the Literary and Debating Club of Jaypee University of Information & Technology on 23rd April 2022.

To start off the festival, lamp lighting was done in the presence of the Vice Chancellor (Prof.) Dr. Rajendra Kumar Sharma, Registrar Major General Rakesh Bassi, JYC faculty incharge Dr. Amit Srivastava, faculty coordinators of Literary and Debating club Ms. Triambaca Gautam and Dr. Ashok Kumar Nadda. The executive board for the Lok Sabha consisting of Mr. Pradyumn Agarwal (Scribe), Mr. Soham Ahuja (Deputy speaker) and Mr. Aman Yadav (Speaker) was also present for the inauguration ceremony. The first exciting event of the fest was the Youth Parliament where participants were assigned various parliamentary portfolios and discussion was conducted on a pre-decided

agenda. Some more events like Open Mic and Abhivyakti were also conducted for participants to showcase their skills and celebrate the festival of literature. The Fest continued with its events on Sunday 24th April 2022. The JUIT Youth Parliament's Day 2 sessions proceeded with great enthusiasm and heated debates and arguments. Lafz, an open mic for the students to showcase their oratory skills, an extravaganza where the power of poetry, the melody of songs and influence of words were celebrated was also organized by the Literary and Debating Club which acted as the closing ceremony for the annual literary fest of JUIT. The event was enlightened with the auspicious presence of the Honourable Vice-Chancellor Prof. (Dr.) Rajendra Kumar Sharma, JYC faculty incharge Dr. Amit Shrivastava, and all the faculty members and students of JUIT.



JYC Event

LE FIESTUS

May 06 – 08, 2022

The JYC organized Lefiestus in the University campus during 6th – 8th May 2022. The JUIT enjoyed “Virasat” the cultural night on the first day of event. The audience witnessed several delightful dances including performances by F-society, DNR, UBC and the naati group- Pakke Pahadiye. A glamorous ramp walk held the sight of the audience, as captivating lifts were performed during the walks. To keep the audience entertained a musical performance was performed by the band of the JYC group. To conclude the day a bollywood DJ was organised and everyone enjoyed the night. On day 2 of the Annual Fest, various activities organised throughout the campus. In the afternoon, the vibrations spread from the stage to the entire campus as War of Bands was declared open. Following was the night Mad-Mix, filled with jam-packed performances of Mayank and his band Madhyam. Not only this, the night wasn't over, as DJ Antara performed live for the electronic music night. There were various other events organized for the students.

On the 3-day of annual fest, the finals of various events were held and winners were decided under each of the events. In the afternoon prize distribution ceremony was organised as everyone received appreciation for their showcase of talent and skills. It was followed by felicitation of the past council of JYC and then the current JYC council by the Hon'ble Vice-Chancellor. The ending of the fest was marked by the night “Infinity”, which started with a thank you note by the faculty in-charge of JYC, Dr. Amit Srivastava. The night was filled with a stand-up comedy act by a popular comedian, Nishant Suri and the event was finally concluded with a stunning performance of the main star of the fest, Maninder Buttar.



Outreach activity

STUDENTS OF GSSS, CHHOTA SHIMLA VISITED JUIT

March 04, 2022

Around 130 students with six faculty members of Government Senior Secondary School, Chhota Shimla have visited the Department of ECE, JUIT Solan on March 04, 2022 (Friday). The students were divided into two batches. Different ECE laboratories were visited and explained the role of Electronics, Communication, IoT, Embedded systems,

Robotics, etc in our daily life. Later, demos of projects related to IoT and Robotics were given to the students. All students were enthusiastic and asked various questions related to projects. Event was coordinated by Dr. Shruti, Dr. Harsh, Mr. Munish, Mr. Pardeep Garg, Mr. Pramod, Mr. Dharendra, and Mr. Abhishek.



Outreach activity

VISIT OF JNV SOLAN GIRL STUDENTS TO JUIT

March 07, 2022

As a part of Vigyan Jyoti Programme, an initiative launched by the Department of Science & Technology (DST), the girl students of class 10 to 12 from JNV Solan visited JUIT, Wahnaghat on Monday, 7th March, 2022. About 100 students along with 5 teachers reached the campus at around 10:30AM. Dr. Ekta Gandotra, Zonal Officer, Vigyan Jyoti Programme, spoke about career opportunities available to them. They were then split into two groups and taken to several JUIT departments, including Computer Science & Engineering and Information Technology, Biotechnology/Bioinformatics, Civil, Electronics and Communication, and Physics department.

Biotechnological and Bioinformatics aspects like Plant biotechnology, Microbiology, molecular techniques including PCR etc. Mr. Chandrapal Gautam coordinated the visit of students to the Civil department.

They were made to visit the Concrete lab, Highway lab, Environment lab, Workshop Lab, Mechanics & Survey Lab, Fluid Lab and CAD lab. They were also given live demonstrations of a



They visited CSE/IT departments' labs to learn about the softwares and projects that JUIT students are working on. They were also taken to JUIT's TIED Cell, where they were inspired by



Dr. Deepak Gupta about start-ups and entrepreneurship. Dr. Hemant Sood coordinated the visit of students to the department of Biotechnology and Bioinformatics. The students had received an overview of

few lab tests of the Concrete and Environment Engineering labs. The visit to the Electronics and Communication Engineering department was coordinated by Ms. Pragya Gupta. The students were acquainted with the future scope of Electronics and Communication Engineering to motivate them to pursue their career in this area. Visit to Physics lab was coordinated by Dr. Sanjeev Tiwari where he demonstrated the following experiments to the students.

- Diffraction of laser light from sharp edge of blade
- Diffraction from human hair
- Diffraction from DVD

Outreach activity

VISIT OF GSSSS BOYS NAHAN AND GSSS BURMA PAPRI TO JUIT

March 09, 2022

Dr. Ekta Gandotra has coordinated visit of the students of two schools i.e. GSSSS Boys Nahan and GSSS Burma Papri to CSE/IT department, JUIT, Wagnaghat, H.P. on Wednesday, 9th March, 2022. There were 93 students (41 from GSSSS Boys Nahan and 52 from GSSS Burma Papri) along with their teachers. Dr. Ekta Gandotra spoke about the career opportunities available to them after completing a B.Tech. in

CSE/IT. She gave a presentation on Information Technology and its Applications in a various domains. They were made to visit the various labs of the department. A hands-on session was also conducted by Mr. Mohan Sharma, Mr. Ravi Raina and Dr. Ekta Gandotra to appraise the students about the basic but very important softwares and commands.

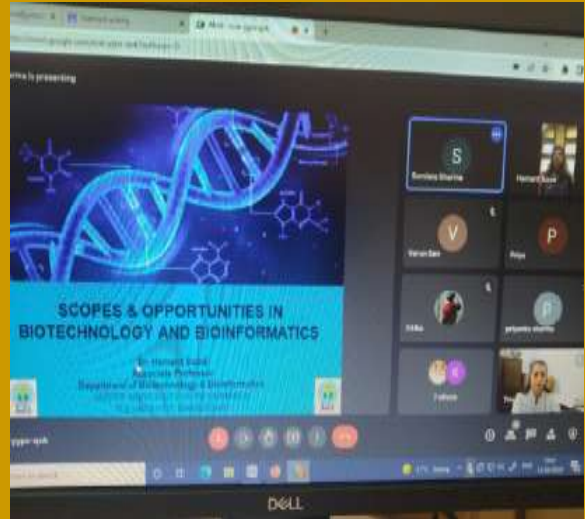


Outreach activity

PARADISE PUBLIC SENIOR SECONDARY SCHOOL, SUNDER NAGAR

March 12, 2022

On 12th March 2022, Dr Poonam Sharma and Dr Hemant Sood conducted an outreach activity in online mode in Paradise Public Senior Secondary School, Sunder Nagar. The event was started with brief introduction given by Dr. Poonam followed by showing videos of JUIT and Departmental labs by Ms. Somlata and further Lecture on “Scope of BT/BI for school students” was delivered by Dr. Hemant Sood. She informed the students about the scope of Biotechnology and bioinformatics along with the role of these sciences in research and development in our day to day lives. The students were also shown with future prospects and many career options in these streams of sciences.



Outreach activity

JAWAHARLAL NAVODAYA VIDYALAYA, KUNIHAR, H. P.

April 25, 2022

An outreach and career counseling activity for school students was carried out by Jaypee University of Information Technology Waknaghat on April 25, 2022 at Jawaharlal Navodaya Vidyalaya, Kunihar. The Department of Electronics & Communication Engineering, Civil Engineering and Biotechnology & Bioinformatics were participated in this activity. Dr. Nafis U Khan and Mr. Abhishek Ray from Department of Electronics and Communication

Engineering, Mr. Rohan Singhal and Mr. Jaswindar Singh from Department of Civil Engineering and Dr. Saurabh Bansal from Department of Biotechnology and Bioinformatics visited the school and informed students about choosing ECE, Civil and BT/BI and other streams as their career and also updated them about various developments which are taking place in these subject areas.



Outreach activity

DAYANAND ADARSH VIDYALAYA KANDAGHAT VISITED JUIT

April 26, 2022

An exposure visit for the students of class 10th from Dayanand Adarsh Vidyalaya Kandaghat was organized on 26th April 2022 to Jaypee University of Information Technology, Wanknaghat. Principal Mrs.Suman Sood along with coordinator Mrs. Meera Sharma and class teacher Mr. Rajesh Thakur visited JUIT with 38 no. of students. HoD Prof. Sudhir Syal arranged all the visits to the JUIT campus. Dr. Hemant Sood, Dr. Poonam Sharma, and Baleshear Prasad coordinated their visit first to LRC and then to all the laboratories of the BT and BI, and CSE departments. Mr. Pramod and Mrs. Jyotsana coordinated the visit to ECE

Department. Faculty Mr. Rohan arranged their visit to CE Department. Dr. Hemant Sood provides counseling to the students regarding different future aspects and prospects in Medical and Non- medical sciences. These visits provide awareness about a variety of fields in science and engineering and make the students capable of decision-making for their careers. These visits are a continuous feature of the Jaypee University under their Education and Public Outreach Program. School principal extended gratitude to JUIT administration and the Department of BT and BI for their facilitation and kind support.



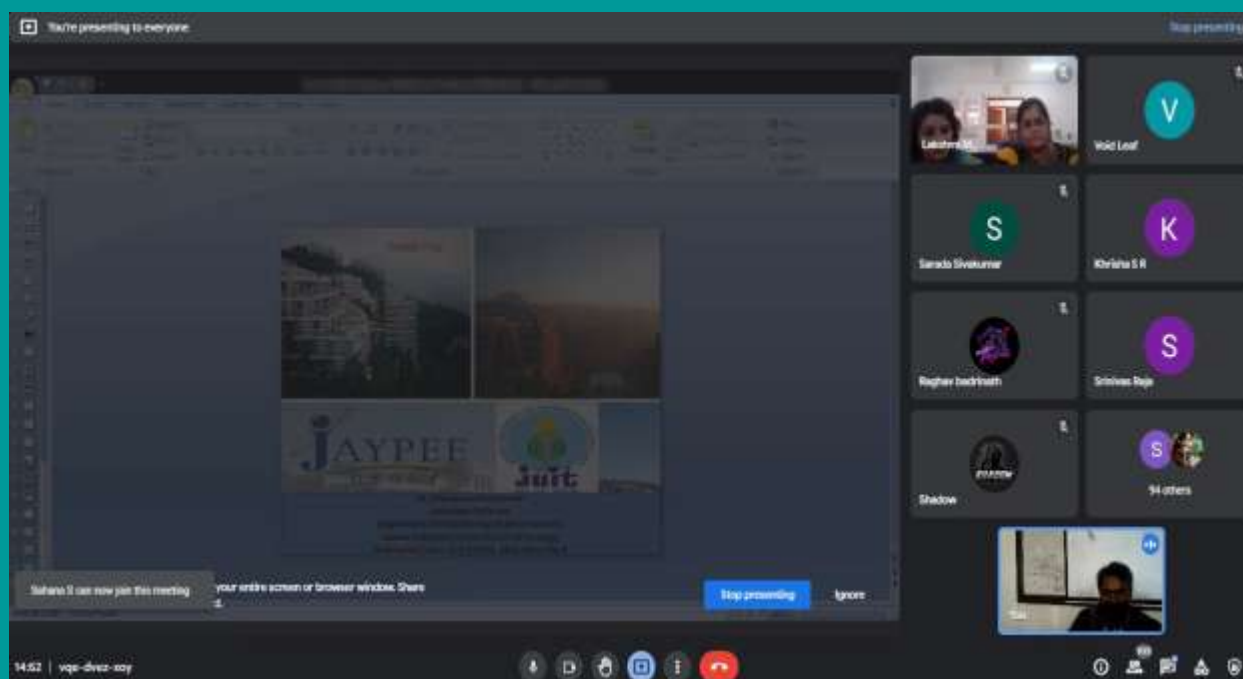
Outreach activity

TALK ON CAREER IN BIOTECHNOLOGY & BIOINFORMATICS

March 08, 2022

Department of Biotechnology and Bioinformatics conducted an online interaction on career in biotechnology and bioinformatics for students of Sri Sankara Sr. Sec. School, Adyar, Chennai on 8th March 2022. The interaction involved brief discussion about the Scope and Opportunities in the field of Biotechnology & Bioinformatics. Basic introduction to Biotechnology & Bioinformatics what are the applications of Biotechnology in Industry/Agriculture and daily used products.

Further, a brief overview of the research institutes in India where there is scope for Biotechnologists/Bioinformaticians and show case of Department of Biotechnology & Bioinformatics and other courses offered by Jaypee University of Information Technology. Approximately 150 Participants attended the event and it was coordinated by Dr. Udayabanu, M. & Dr. Garlapati Vijay Kumar from JUIT and Mrs. M. Lakshmi, Assistant Vice - Principal of the school.



ONLINE SESSION WITH MDN PUBLIC SCHOOL, ROHTAK

April 01, 2022

Prof. Sudhir Kumar had an online outreach activity session with 15 medical stream students of MDN Public School, Rohtak, Haryana on 01 April, 2022. The head of the science department Ms. Neeru Walia and coordinator Mr. Abhishek from school also joined the session. Prof. Sudhir explained the scope of Biotechnology and Bioinformatics. Students were counselled about the significance of Industrial, medical, agricultural, computational and other offshoots of these fields. The scope of B. Tech. Biotechnology/Bioinformatics and eligibility to join the course was also explained to them. Students and faculty were invited to visit JUIT for offline laboratory sessions. The outreach activity ended with a note of thanks by school authorities to JUIT.

DBT SKILL VIGYAN PROJECT: AN UPDATE

The department of Biotechnology and Bioinformatics under DBT Skill Vigyan Project commenced the training of second batch from April 2022 to June 2022. This is for Quality Control Biologists and Lab. Technicians job roles. Science graduates and 12th passed science students are enrolled in this project in collaboration with HIMCOSTE.

Outreach activity

LECTURE ON CAREER OPPORTUNITIES FOR SCIENCE GRADUATES

By Prof. Sudhir Kumar

June 21, 2022

Dr. Sudhir Kumar, Professor and Head, Department of Biotechnology and Bioinformatics provided career advice to the B.Sc. students of Saunjauli (Shimla) college on 21 June, 2022. Dr. Maneesha Kohli, Faculty of college arranged this lecture and Ms. Deepti introduced Prof. Sudhir to the students. The students were very curious about their carrier after the Bachelor of Science. Therefore, Prof. Sudhir introduced several examinations such as JAM—Joint Admission Test for M.Sc. (<https://jam.iisc.ac.in>) in Biotechnology, Chemistry, Mathematics etc, GAT-B for M.Sc. Biotechnology - (<http://rcb.res.in/GATB>, GAT-B seats – 20 in HPU, 10 in JUIT), CUET-PG (42 Universities), about CLAT, SSBs, HAS and others. Students were also given knowledge about DBT Skill Vigyan Programs going on in Himachal Pradesh. Eligibility and method of preparation to get



admission in these programs were explained to students. Students asked queries about Environmental sciences PG programs as well. The students and faculty were extended an invitation by Prof. Sudhir to visit JUIT. Dr. Maneesha thanked Prof. Sudhir for this interaction on career opportunities for their students.





Club/Committee event

SLOGAN WRITING CONTEST

March 08, 2022

Slogan writing contest on topic “**Integrated Approach in Science and Technology for a Sustainable Future**” has been organized by the notified team of Internal Complaint Committee, Jaypee University of Information Technology, Solan, Himachal Pradesh, India. As it was an open competition, the flyer was made public on 24th February, 2022 by promoting it on various social media platforms and the responses were accepted till 4th March, 2022.

The event was organized by Dr Shruti Jain and Dr Hemant Sood along with team of staff members Mrs Somlata and Mr Pramod and

students Garima, Harshita and Sanyam. The slogan writing contest received overwhelming responses not only from Himachal Pradesh but also from the state/UT like Tamil Nadu, Chandigarh. All slogans were shared on social media for e- voting. Final evaluation of judges along with e-voting helps in deciding the first, second and third rank holders. The result of competition was declared on 8th March, 2022. The winners were awarded with e-certificates. Also, e-certificates of participation were provided to all the participants.

The details of the results are as follows:

Position	Name	Institute	Slogan
First	Swati Sharma	Centre of Excellence Government college, Sanjauli, Shimla	Balancing the scientific technology with ecology is the pathway to sustainable future.
Second	Rupakshi Verma	St. Lukes's School Senior Secondary School, Solan	Science defies death, science defies struggle enough for a wisdom world
	Gaurav Anand	Jaypee University of Information Technology, Wagnaghat (H.P)	Maintain! Sustain! Implement new ideas to solve the problems of society
Third	Ritesh Dhiman	Jaypee University of Information Technology, Wagnaghat (H.P)	Little innovation for a global change



Unnat Bharat Abhiyan

VISIT TO RICHANNA VILLAGE

May 27, 2022

Unnat Bharat Abhiyan (UBA-JUIT) team went to Richanna Village for visit on May 27, 2022. This visit is done under the guidance of faculty coordinator Dr. Gopal Singh Bisht and Dr. Saurav. Student coordinator Nishkarsh Sharma along with 3 volunteer members interacted with villagers. After interaction the found the issue of quality drinking water is one



of the major issues being faced by the villagers these days. The UBA-JUIT team took sample of water so that it could get tested in the university labs and ensured the villagers to provide a solution to the problem in their upcoming visits.



JYC club event

PLANTATION DRIVE

10th April 2022

On April 10, 2022, the Environment, Ecology, and Health club of Jaypee University of Information Technology, Wagnaghat, organized a Tree Plantation programme that began at 10:30 a.m. The Vice-Chancellor Prof. (Dr.) Rajendra Kumar Sharma, Dr. Amit Shrivastava (JYC Faculty Incharge), Dr. Naveen Jaglan and Dr. Saurav, (Eco Club Faculty Coordinators), along with Dr. Jitendra Vashisht were present. Pankaj Kumar (Ecology Club student Coordinator) was present along with a team of 35 students to support the Tree Plantation Drive. The faculty members showed the

students how to properly plant a sapling. Students and teachers began planting saplings one by one.

Around 20 saplings of three different species were planted to raise awareness about the importance of tree conservation. Callistemon (Bottle brush), Sapindus mukorossi (Reetha), and Grevillea robusta (silver oak) were among them. While they're all lovely to look at, their significance extends far beyond that. Trees have enormous value and function, and their continued existence is critical to our survival.

Unnat Bharat Abhiyan

AIDS AWARENESS CAMPAIGN

April 17, 2022

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

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



Unnat Bharat Abhiyan

WORLD ENVIRONMENT DAY CELEBRATED

June 05, 2022

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



Unnat Bharat Abhiyan

PARTICIPATION IN GRAM SABHA UNDER CHAWASA AND DUMEHAR PANCHAYAT

May 01, 2022

Under the Unnat Bharat Abhiyan (UBA) program students of Jaypee University of Information Technology (JUIT) Waknaghat, Solan, participated in Chawsha village Gramsabha on May 1, 2022. The students reached chawsha village around 1:30 P.M. in the afternoon and gathered at the Gram Panchat office where they joined other local villagers for gram Sabha. During this visit 10 students along with their faculty coordinators Dr. Gopal Singh Bisht and Dr. Saurav attended the Gram Sabha. The key

point of the day's discussion was issues related to Below Poverty Line Subsidy (BPL). The discussion was held to identify which individuals have not received benefits from the BPL schemes and also to distinguish who actually belong to the BPL category. The faculty coordinator of UBA addressed the Gram Sabha regarding Water Conservation Awareness and further issues related to organic farming. The villagers showed great participation in this event and thus the visit was successful.



IPR Event

WORLD IPR DAY CELEBRATED UNDER THE THEME 'IGNITING INNOVATION'

April 26, 2022

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

Prof. Kumar explained the concept of copyrights, patents, trademarks, and industrial designs by giving real time applications. He



further highlighted the need to decipher inventiveness in research projects, art work, and designs. Later Dr. Shruti, explains innovations in the areas of ECE. Students were motivated by the session. The IPR Team of JUIT (Dr. Sudhir, Dr. Shruti, Dr. Saurabh and Dr. Aman) owe thanks to HIMCOSTE, Shimla for the support. The IPR Cell of JUIT answered the queries of participants and assured them to provide all possible assistance with respect to IPR support they require in the future too.



Celebrations

INTERNATIONAL WOMEN'S DAY CELEBRATION

8th March 2022

"A woman is a full circle, within her is the power to create, nurture and transform". On the auspicious occasion of International Women's Day, Jaypee University of Information Technology organized a session on 'Women Empowerment' on 8th March 2022. The chief guest and speaker of the event was Ms. Kritika Kulahari, Deputy Commissioner Solan (HP). The session took place in LT-3 which started at 4.00 pm. The session was attended by students, faculty and staff members along with their

family members. Hon'ble Vice Chancellor, Dr. Rajendra Kumar Sharma highlighted the importance of this day and also welcomed the Guest of Honor Ms. Kritika Kulahari. Ms. Kritika Kulahari shared her thoughts on 'Women Empowerment'. Her speech was quite mesmerizing. She also inaugurated a new club of JYC named KOSHISH Club. The inauguration of the new club was followed by a Vote of Thanks given by Dr. Ruchi Verma. The event successfully ended around 5:15 pm.

Educational Visit

ACADEMIC VISIT TO IMTECH, CHANDIGARH

May 05, 2022

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



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

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



Educational Visit

VISIT TO NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE, MOHALI

May 12, 2022

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

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



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



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

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



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



Educational visit

TUNNEL CONSTRUCTION SITE VISIT TO SOLAN–KAITHLEEGHAT HIGHWAY

May 27, 2022

The students of B.Tech. 3rd and 4th year with M.Tech. Structures engineering, Civil Engineering department of the university along with three faculty members visited NHA's tunnel Construction site at Kandaghat, Solan and Bridge Site No. 115, Kandaghat, Solan on May 27, 2022. Approximately 55 students assembled at 12:30 pm at the main gate of JUIT and left the campus in two university buses that were arranged for the occasion. The buses reached the first destination, Tunnel site in Kandaghat, by 1:00 pm. The engineers working at the site apprised the students about methodology used for tunnel construction as well as various challenges faced during such projects. After the tunnel site, AIREF



Engineers organized a few snacks for the students and faculty at their office. The students were then taken to the Bridge site No. 115 where description of bridge design and construction techniques was given to the students by the design engineers.

National Highway 22 (Now NH-5) originates at its junction with NH-1 at 'Ambala' in Haryana and



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



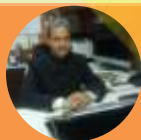
students about latest machinery being used for the construction of tunnel in tough terrain in the regions.

The faculty members Dr. Sugandha Singh, Mr. Niraj Parihar, and Mr. Kaushal Kumar of Civil Engineering Department coordinated the visit.



Faculty Spotlight

INVITED TALKS



Prof. Sudhir Syal, Head, Department of Biotechnology and Bioinformatics delivered a talk on ‘DBT Skill Vigyan Program – our experiences’ – in Uttarakhand Science Congress at Graphic Era University, Uttarakhand on April 22, 2022.

Prof. Sudhir Syal, Head, Department of Biotechnology and Bioinformatics was a plenary speaker on Biogas production in a National Conference on current scientific innovations and research in plant biology, Eternal University, Baru Sahib, Sirmour, HP on May 27, 2022.



Dr. Hemant Sood, Associate Professor, Department of Biotechnology and Bioinformatics presented on Production of Medicinal Compounds from Endangered and Commercially Important Medicinal Plants of Himalayas Through Cell and Tissue Culture Technology for Herbal Industry in Plant Virtual Summit 2022 “Webinar on Plant Science and Agricultural Research” organized by Irish Scientific Group on March 24, 2022.

FDP ATTENDED

Dr. Hemant Sood, Associate Professor, Department of Biotechnology and Bioinformatics attended one-week online FDP on “NEP 2020 Implementation in Higher Education Institutes” organized by the Department of Curriculum Development Centre, National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh from May 9-13, 2022.

NEW FACULTY MEMBERS JOINED JUIT

	Name	Position	Department	Joining Date
	Dr. Santu Baidya	Assistant Professor (GR-I)	Physics and Materials Science	April 13, 2022
	Dr. Shubham Goel	Assistant Professor (Sr. Grade)	Computer Science and Engineering & Information Technology	April 21, 2022
	Dr. Shikha Mittal	Assistant Professor (GR-I)	Biotechnology and Bioinformatics	April 26, 2022
	Dr. Deler Singh	Assistant Professor (GR-II)	Humanities and Social Sciences	May 28, 2022

PROMOTIONS



Dr. Rajiv Kumar (Associate Professor) of Electronics and Communication Engineering department promoted to the position of **Professor** w.e.f. 15 April 2022.



Dr. Shruti Jain (Associate Professor) of Electronics and Communication Engineering department promoted to the position of **Professor** w.e.f. 15 April 2022.



Dr. Rakesh Kumar Bajaj (Associate Professor) of Mathematics department promoted to the position of **Professor** w.e.f. 15 April 2022.



Dr. Yugal Kumar (Assistant Professor – Senior Grade) of Department of Computer Science & Engineering and Information Technology has promoted to the position of **Associate Professor** w.e.f. 15 April 2022.



Dr. Naveen Jaglan (Assistant Professor – Senior Grade) of Department of Electronics and Communication Engineering has promoted to the position of **Associate Professor** w.e.f. 15 April 2022.



Dr. Harsh Sohal (Assistant Professor – Senior Grade) of Department of Electronics and Communication Engineering has promoted to the position of **Associate Professor** w.e.f. 15 April 2022.



Dr. Emjee Puthoran (Assistant Professor – Senior Grade) of Department of Electronics and Communication Engineering has promoted to the position of **Associate Professor** w.e.f. 15 April 2022.



Dr. Surajit Kumar Hazra (Assistant Professor – Senior Grade) of Department of Physics and Materials Science has promoted to the position of **Associate Professor** w.e.f. 15 April 2022.



Dr. Mandeep Singh (Assistant Professor – Grade II) of Mathematics department promoted to the position of **Assistant Professor (Senior Grade)** w.e.f. 15 April 2022.



Dr. Raj Kumar (Assistant Professor – Grade I) of Biotechnology and Bioinformatics department promoted to the position of **Assistant Professor – Grade II** w.e.f. 15 April 2022.

Student Spotlight

PHD CONFERRED

	Swati Sharma (176554) - Department of Biotechnology & Bioinformatics completed her PhD on the topic "MICROALGAE-BASED BIOREMEDIATION OF RADIOGRAPHIC X-RAY DEVELOPER SOLUTION", under the supervision of Dr. Garlapati, Vijay Kumar on March 11, 2022.
	Kapil Sharma (186204) - Department of Computer Science & Engineering and Information Technology completed his PhD on the topic "IMPROVED AND EFFICIENT OPTICAL NETWORKS-ON-CHIP ARCHITECTURES AND DESIGNS", under the supervision of Prof. Vivek Kumar Sehgal on March 12, 2022.
	Neelam Gupta (176853) – Department of Mathematics completed her PhD on the topic "MATHEMATICAL MODELLING AND SIMULATION OF HARD AND SOFT NIP CALENDERS USED IN TEXTILE INDUSTRY", under the supervision of Dr. Neel Kanth on March 24, 2022.
	Meghna Dhalaria (186210) - Department of Computer Science & Engineering and Information Technology completed her PhD on the topic "ANDROID MALWARE DETECTION, CLASSIFICATION AND THREAT ASSESSMENT USING COMPUTATIONAL TECHNIQUES", under the supervision of Dr. Ekta Gandotra on April 25, 2022.
	Pardeep Garg (166002) - Department of Electronics and Communication Engineering completed his PhD on the topic "DETECTION AND LOCALIZATION OF HIDDEN PATTERNS IN DNA SEQUENCES USING SIGNAL PROCESSING", under the supervision of Dr. Sunil Datt Sharma on April 27, 2022.
	Ratish Kumar (186001) - Department of Electronics and Communication Engineering completed his PhD on the topic "PREDICTIVE CONTROLLER BASED DELAY COMPENSATION APPROACHES IN NETWORKED CONTROL SYSTEM", under the supervision of Dr. Rajiv Kumar and Prof. M J Nigam on May 3, 2022.
	Prachi Vasistha (186605) - Department of Civil Engineering completed her PhD on the topic "WATER QUALITY DETERMINATION AND MODELLING OF NATURAL LAKES", under the supervision of Dr. Rajiv Ganguly on May 23, 2022.
	Dipti Rawat (166903) - Department of Physics and Materials Science completed her PhD on the topic "DEVELOPMENT, CHARACTERIZATION AND PROCESSING OF MAGNETO-FLUORESCENT NANOSTRUCTURES FOR MULTIMODAL APPLICATIONS", under the supervision of Dr. Ragini Raj Singh and Prof. P B Barman on May 27, 2022.



PLACEMENT STATUS : JUIT, SOLAN 2018-22

Branch	Total Eligible Participating Students	No. of Absolute Offers	% of Absolute Offers	No. of Total Offers	% of Total Offers
CSE	201	193	96%	381	190%
ECE	16	13	81%	22	138%
IT	23	23	100%	43	187%
BT/BI	33	27	82%	32	96%
CIVIL	28	17	61%	18	64%
Total	301	273	91%	496	164%

**THE FOLLOWING PAGES SHOWS PROFILES OF
SOME OF OUR RECENT PLACEMENTS (ON/OFF CAMPUS)
IN THE 2022 PASSED OUT BATCH
(ABOVE 10 LPA CTC)**



Aks Juneja

- Roll No.: 181261
- Branch: CSE
- Company: Microsoft
- CTC: 50 LPA



Ishika Goel

- Roll No.: 181356
- Branch: CSE
- Company: Adobe
- CTC: 45 LPA



Prakhar Singh

- Roll No.: 181377
- Branch: CSE
- Company: Amazon
- CTC: 32 LPA



Naina Garg

- Roll No.: 181424
- Branch: CSE
- Company: Amazon
- CTC: 32 LPA



Kritika Lodha

- Roll No.: 181398
- Branch: CSE
- Company: Amazon
- CTC: 31.5 LPA



Mohak Goel

- Roll No.: 181388
- Branch: CSE
- Company: Amazon
- CTC: 29.39 LPA



Rajat

- Roll No.: 181429
- Branch: CSE
- Company: Amazon
- CTC: 29.39 LPA



Anurag Kanaujia

- Roll No.: 181363
- Branch: CSE
- Company: InterviewBit
- CTC: 22 LPA



Ankita Sood

- Roll No.: 181393
- Branch: CSE
- Company: Amazon
- CTC: 20 LPA



Akshat Agrawal

- Roll No.: 181207
- Branch: CSE
- Company: Inframarket
- CTC: 19.5 LPA



Anmol Srivastava

- Roll No.: 181320
- Branch: CSE
- Company: Inframarket
- CTC: 19.5 LPA



Ankit Sharma

- Roll No.: 181387
- Branch: CSE
- Company: Inframarket
- CTC: 19.5 LPA



Meenakshi Sharma

- Roll No.: 181419
- Branch: CSE
- Company: Amazon
- CTC: 17.35 LPA



Yash Goel

- Roll No.: 181356
- Branch: CSE
- Company: Hike
- CTC: 13 LPA



Aryan Gupta

- Roll No.: 181331
- Branch: CSE
- Company: Acalvio
- CTC: 13 LPA



Arpit Gurudutt Mishra

- Roll No.: 181370
- Branch: CSE
- Company: Hike
- CTC: 13 LPA



Harshit Kumar Gupta

- Roll No.: 181334
- Branch: CSE
- Company: Hike
- CTC: 13 LPA



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- Company: Amazon
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Gurpreet Singh

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- Branch: IT
- Company: WinZO Games
- CTC: 11 LPA



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- Branch: CSE
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- Company: ZScaler
- CTC: 10 LPA



Diwakar Srivastava

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- Branch: CSE
- Company: Hevodata
- CTC: 10 LPA



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- CTC: 10 LPA



Kashish Gupta

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- CTC: 10 LPA



Sahil Thakur

- Roll No.: 181221
- Branch: CSE
- Company: ZopSmart Tech.
- CTC: 10 LPA



Shivek Gupta

- Roll No.: 181323
- Branch: CSE
- Company: Byjus
- CTC: 10 LPA



Tarankit Chadha

- Roll No.: 181239
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- Company: CoffeeMug
- CTC: 10 LPA



Varun Singh

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- Branch: CSE
- Company: ZopSmart Tech.
- CTC: 10 LPA

Intellectual Capital

PUBLICATIONS IN PEER - REVIEWED JOURNALS:

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NEWS CLIPPINGS

जे.पी. यूनिवर्सिटी में 5 दिवस का कार्यशाला का उद्घाटन

नई दिल्ली, 23 मार्च (सर्वे) : जे.पी. यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जे.यू.आई.टी.), वाकनाघाट में 22 मार्च को इमेज प्रोसेसिंग विद डीप लर्निंग पर पांच दिवसीय कार्यशाला का उद्घाटन किया गया। उद्घाटन समारोह की अध्यक्षता विश्वविद्यालय के कुलपति प्रो. (डा.) राजेंद्र कुमार शर्मा कर रहे थे। समारोह में ई.सी.ई. विभाग के प्रमुख डा. राजीव कुमार और सी.एस.ई./आई.टी. विभाग के प्रमुख प्रो. विवेक कुमार सहलग भी उपस्थित थे। इस कार्यशाला का आयोजन डा. निशांत जैन, सहायक प्रो. ई.सी.ई., डा. एम.जी. पुथुरन, सहायक प्रोफेसर, ई.सी.ई. और डा. विपुल कुमार शर्मा, सहायक प्रो. सी.एस.ई./आई.टी. द्वारा किया गया है। इस कार्यशाला में प्रतिभागियों को इमेज प्रोसेसिंग और डीप लर्निंग से संबंधित मौलिक और अनुसंधान क्षेत्रों के साथ-साथ इन तकनीकों को लागू करने के लिए उपलब्ध नवीनतम कम्प्यूटर टूल्स से परिचित कराया जाएगा। उद्घाटन समारोह में डा. निशांत जैन ने प्रतिभागियों का स्वागत किया और कार्यशाला

जे.यू.आई.टी. में डाटा एनालिटिक्स में इंटर्स रिसर्च परसेप्टिविटी पर



जेपी यूनिवर्सिटी में वार्षिक साहित्यिक उत्सव



ALUMNI TALK AT JAYPEE VARSITY

The Alumni Cell of Jaypee University of Information Technology, Wagnaghat, Solan, organised an alumni talk, which was delivered by Capt Shivam Garg, an alumnus of the 2015 batch. An officer in the Indian Army, Capt Shivam Garg shared his life lessons from the Army. Vice-Chancellor, Ashok Kumar Sharma and Dean (A&R) Ashok Kumar Sharma were present.



Khalsa College Patiala organizes a Science workshop on the occasion of National Science Day



Jaypee University's students crack GATE Exam

Excelsior Correspondent
JAMMU, Mar 24: Three students of Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology Wagnaghat, Solan cracked Graduate Aptitude Test in Engineering (GATE) Exam-2022 with good rankings. Janki Insan, a final year B.Tech student who cracked the exam with AIR 138, while Tanya Bansal and Chaitanya Moghe secured 510 and 1452 All India Ranking respectively. The students attributed their success in the exam to their faculty, parents and the University. Prof. Sudhir Kumar, Head of the Department said that the students' success in GATE exam will definitely help them to grab good institutions for the masters programs.

Workshop on 'Data Analytics and its Research Perspectives' inaugurated

Excelsior Correspondent
JAMMU, June 7: Five days workshop on "Data Analytics and its Research Perspectives" was inaugurated at Jaypee University of Information Technology (JUIT) Wagnaghat in collaboration with IEEE and ACM Society.



The inaugural ceremony was presided by the University Vice-Chancellor Prof. (Dr) Rajendra Kumar Sharma, whereas Head of CSE/IT Department, Prof. Vivek Kumar Sehgal was also present at the ceremony. This workshop is being organised in hybrid mode where participants can connect in online as well as offline mode. A total of 70 participants affiliated with various reputed institutes and universities across India registered for this workshop. The workshop also saw participation from various foreign universities. Speakers of the workshop are from industry as well as academia.

HILLY RAMBLINGS

Coordinators:

Dr. Suresh K Chauhan, Learning Resource Centre
Dr. Hemant Sood, Department of BT/BI
Prof. Vivek K Sehgal, Department of CSE/IT
Dr. Neel Kanth, Department of Mathematics
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