

### Evidence against indicator 4.3.4

Metric and indicator	Metric / Indicator	Comments/Data	Yes/No	Evidence 1	Public (Yes/No)
4.3.4	Education outreach activities beyond campus Undertake educational outreach activities (e.g. tailored lectures or demonstrations) beyond campus – in local schools, in the community. This can include voluntary student-run schemes.	Various outreach and counselling activities are conducted beyond the campus on regular basis. MoUs are also generated for making academic collaboration leading to excellence.	Yes		
	Ad hoc On programmed basis		No Yes		

<https://www.juit.ac.in/SDG>

### Jaypee University of Information Technology (JUIT) Waknaghat, Solan

#### School Outreach Activity and Career Counseling Programme At Kullu area, H.P. (05 to 08 November, 2023)



#### List of Schools covered:

1. Ambition Classes Sr. Sec. School, Mohal, Kullu
2. DAV School, Mohal
3. Aagmik Public Sr. Sec. School, Mohal
4. Kullu Valley School, Ramshila, Kullu
5. Kullu Science School, Bassing
6. Cambridge International School, Mohal
7. Arunodaya Public Sr. Sec. School, Mohal

#### The outcome of the activity:

1. Informal feedback from participants in this activity has been very positive. For the activity; the responding students indicated that they had a better understanding of science and engineering and had an increased interest in looking up more information on their own.
2. The students responded that participating in the activity increased their interest in studying science such as biotechnology, bioinformatics, electronics and communication engineering and becoming scientists and engineers in the respective fields.
3. Overall, the student's as well as teacher's responses were very positive for the activity.

## Outreach Activities

Sr. No	Department Faculty	Venue of Outreach Activity	Date
1	Dr. Ashish Kumar ( <a href="https://www.juit.ac.in/department/civil/A.3.%20Visit%20to%20Sundarnagar%20Schools.pdf">https://www.juit.ac.in/department/civil/A.3.%20Visit%20to%20Sundarnagar%20Schools.pdf</a> )	DAV Public School, Sundarnagar The Phonex School, Mandi Dept. of Civil Engg., Government Polytechnic Sundarnagar	October 11, 2022
2	Dr. Sugandha Singh ( <a href="https://www.juit.ac.in/department/civil/A.4.%20Montfort%20Senior%20Secondary%20School,%20Roorkee.pdf">https://www.juit.ac.in/department/civil/A.4.%20Montfort%20Senior%20Secondary%20School,%20Roorkee.pdf</a> )	Montfort Senior Secondary School, Roorkee	October 29–31, 2022
3	Mr. Akash Bhardwaj ( <a href="https://www.juit.ac.in/department/civil/A.5.%20Govt.%20Senior%20Secondary%20School%20Bijhari,%20Hamirpur.pdf">https://www.juit.ac.in/department/civil/A.5.%20Govt.%20Senior%20Secondary%20School%20Bijhari,%20Hamirpur.pdf</a> )	Govt. Senior Secondary School Bijhari, Hamirpur	February 2, 2023
4	Dr. Saurav Mr. Akash Bhardwaj ( <a href="https://www.juit.ac.in/department/civil/A.6.%20Government%20Polytechnic%20College%20Seobagh,%20Kullu.pdf">https://www.juit.ac.in/department/civil/A.6.%20Government%20Polytechnic%20College%20Seobagh,%20Kullu.pdf</a> )	Government Polytechnic College Seobagh, Kullu	April 25, 2023
5	Mr. Akash Bhardwaj ( <a href="https://www.juit.ac.in/department/civil/A.7.%20Government%20Senior%20Secondary%20School,%20Chail.pdf">https://www.juit.ac.in/department/civil/A.7.%20Government%20Senior%20Secondary%20School,%20Chail.pdf</a> )	Government Senior Secondary School, Chail	May 24, 2023
6	Dr. Ashish Kumar Dr. Amardeep ( <a href="https://www.juit.ac.in/department/civil/A.8.%20State%20Institute%20of%20Engineering%20&amp;%20Technology,%20Nilokheri.pdf">https://www.juit.ac.in/department/civil/A.8.%20State%20Institute%20of%20Engineering%20&amp;%20Technology,%20Nilokheri.pdf</a> )	State Institute of Engineering & Technology, Nilokheri	May 30, 2023

## One Day Workshop on Biotechnological Techniques

**Organized by:** Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology Wanknaghat

**Organized at:** Department of Biotechnology, Khalsa College, Patiala

**Date:** 02 May 2023

**No. of Participants:** 30 (B.Sc. Biotechnology Students)

**Resource Persons:**

1. Dr. Rahul Shrivastava, Associate Professor
2. Dr. Saurabh Bansal, Associate Professor
3. Mr. Baleshwar, Technical Staff

Department of Biotechnology and Bioinformatics Jaypee University Technology Wanknaghat, Solan organized a one day workshop on “Biotechnological Techniques” at Khalsa College, Patiala on 02 May, 2023.

The main objective of the workshop was to make B.Sc. Biotechnology Students aware of Biotechnological Techniques and to showcase the strength of Jaypee University in this area. Dr Rahul Shrivastava from JUIT and Dr. Nipunjot Kaur from Khalsa College, Patiala coordinated the workshop. The workshop started with the welcome and introduction session. This was then followed by practical-cum demonstration sessions on different modules of the workshop. Various Biotechnology techniques including, SDS-PAGE, Rocket immune electrophoresis and restriction digestions were demonstrated jointly by the faculty members, Dr. Rahul Shrivastava and Dr. Saurabh bansal and the technical staff Mr. Baleshwar.





# Report of the outreach program for MSc Physics course

## Summary

Date: 24.04.2023

Place: Shree Guru Gobind Singh Ji Government College, Paonta Sahib, H.P.

Time: 12:30 PM to 13.30 PM



On behalf of the PMS department of JUIT, I visited the college “Shree Guru Gobind Singh Ji Government College Paonta Sahib” affiliated to Himachal Pradesh University Shimla for the outreach program to introduce new course MSc in Physics on 24<sup>th</sup> April 2023. The college is located at Paonta Sahib in Himachal Pradesh almost 124 km from Solan. The duration of the program was for one hour from 12.30 PM to 13.30 PM. The event was divided into two sections involving 30 minutes talk followed by 30 minutes interactive session with the students.

The PMS department specifically chose the 24<sup>th</sup> April 2023 for the program due to that reason that it was the last day of BSc final year examination for BSc Physics students. The department, in advanced, contacted Dr. Mandeep Singh, a faculty of the Physics department of SGGJSJ govt. college for arranging a meeting with the BSc final year students of the college after the end of the examination. Dr. Mandeep Singh already made arrangement for the program by gathering many students after the examination in a hall in the college. It was really nice experience meeting with him and the interested students.

## **Details of the event**

### **1. Talk**

An interactive session with the students spanning nearly for an hour was conducted. The idea was to take the students through a journey of the PMS department of JUIT. In the presentation, I pointed out the positive academic environment of JUIT campus along with the location in the heart of tranquil natural beauty and serene weather in Himachal Pradesh. I introduced the solid infrastructure of JUIT. Then I



introduced the faculties of the PMS department and their research areas to draw their attention towards the intended research based education for the MSc Physics course of JUIT. The number of international publications with the citations of each faculty member were also demonstrated to them. As I knew that they were BSc students I made the definitions of journal publication and citation clear to them. Then I also demonstrated them by picture the research labs of PMS department along with facilities and project fund details. I highlighted that fact that being MSc students of the PMS department of JUIT a special care would be taken for them to get success in the CSIR-UGC NET as well as interested students would be offered PhD programme in PMS department. I ended my talk with an important piece of information and that was fees per semester and I positively informed them about lowest fee per semester for MSc Physics in JUIT compared to the other universities.

## **2. Interaction session**

At the end of the talk, I interacted with each student, in the room, individually to enquire about their interest in higher education and they replied positively. I requested them also to share the picture of the pamphlet on the student groups to spread the news of the MSc Physics course of JUIT and other details they came to know on that day from my talk. Many of the students from different subjects also enquired about the course structure of MSc Physics. All in one, it was very positive experience.

## One day Teachers Training Program – RKMV, Shimla

Dr. Sudhir Kumar – as one of the resource person delivered a talk in a One-day training program (06 May 2023) for teachers of RKMV, Shimla, Govt. Colleges of Sanjuli, Theog and Chahal. The event was organized by IQAC of RKMV by Dr. Anil Thakur and Principal Dr. Ruchi Ramesh.

Dr. Sudhir shared the ways and means to increase Joy in Teaching. The attributes of good and great teachers were highlighted and discussed. The other speakers also shared their views on the subject matter.



# Rajkiya Kanya Mahavidyalaya, Shimla (H.P.)

**IQAC is organising**

## **One Day Training Program on Quality Teaching & Research: What, Why & How?**

**On May 6, 2023 (Saturday)**

**Offline & Online mode (Platform: Google Meet)**

### **Resource Persons:**



**Dr. Wamik Azmi**  
Prof. & Chairman, Dept of  
Biotech, HPU, Shimla



**Dr. Sudhir Kumar Syal**  
Prof. & Head, Biotech. & BI, JUIT,  
Solon



**Dr. Abhijit Dey**  
Presidency University,  
Kolkatta

### **Organizing Committee:**

**Dr. Ruchi Ramesh**  
Principal & Patron  
**Dr. Madan Mankotia**  
Convenor

**Dr. Anil Kumar Thakur**  
Coordinator, IQAC  
**Ms. Geeta Sharma**  
Co-Convenor



# RESOURCE PERSONS

## **Dr. Wamik Azmi**

Did his Ph. D. in Biotechnology from IMTECH, Chandigarh and M. Tech. in Biochemical Engineering from Institute of Technology, Varanasi. Has rendered his services in the field of industry also and is keenly interested in academics. Presently Professor and Chairman, Department of Biotechnology, Himachal Pradesh University, Shimla. He has 21 Years of experience in Research and teaching and has guided more than 23 Ph.D. scholars.

Total Publications = 89; Citations = 2058; H-index = 15; i10 index = 21

## **Dr. Sudhir Kumar Syal**

Works in the area of Environmental Biotechnology. Did Ph.D. in Biotechnology from Thapar University, Patiala, Post doctoral from Department of Chemical and Biological Engineering, South Dakota School of Mines and Technology, USA. His research work is in the area of Bioremediation, Biogas production from food and agricultural waste, Biobriquetting from agricultural waste, Environmental Pollution and Bioleaching of precious metals like gold, silver from e-waste and assessing the impact of e-waste on human health and environment.

Total Publications = more than 100; Citations = 1389; H-index = 17; i10 index = 25; Projects completed: 7 (1.20 Crores)

## **Dr. Abhijit Dey**

Did his Ph.D from Presidency University, Kolkatta. Was awarded the prestigious Prof. H. L. Chakraborty memorial award and Dr. P. D. Sethi Memorial Award. He is Fellow of the Linnean Society, London. Was included among the World Ranking of Top 2% Scientists in 2021 and 2022 database created by experts at Stanford University, USA. Is on the Editorial board of many world class journals - BMC Complementary Medicine and Therapies (Springer Nature), Frontiers in Pharmacology; Frontiers for Young Minds

Total publications: 396; Citations = 7338; H-index = 42; i10 index = 171 Total impact factor: 1351



# SCHEDULE

**Date: May 6, 2023 (Saturday)**

- ❖ 10:30AM: Registration
- ❖ 11:00 AM: Inauguration and Welcome by the Principal
- ❖ 11:10 AM: Introduction about the Training
- ❖ 11:20-12:00 Joy of Teaching  
by Prof. Sudhir Syal
- ❖ 12:00-12:40PM: Effective Project Writing and Research Funding  
by Prof. Wamik Azmi
- ❖ 12:40-1:20PM: Quality Research: What, Why and How ?  
by Dr. Abhijit Dey
- ❖ 1:20 : Observations of the training Programme
- ❖ 1:30 : Vote of Thanks

# प्राध्यापन को प्रभावशाली बनाने के बताए दस सूत्र

कन्या महाविद्यालय में गुणवत्ता शिक्षण और अनुसंधान पर हुई कार्यशाला

संवाद न्यूज एजेंसी

शिमला। राजकीय कन्या महाविद्यालय शिमला में शनिवार को गुणवत्ता शिक्षण और अनुसंधान पर आधारित एक दिवसीय कार्यशाला का आयोजन हुआ। इसमें राजकीय महाविद्यालय चौड़ा मैदान, ठियोग, राजकीय महाविद्यालय संजौली, राजकीय महाविद्यालय कोटी (चायल) के 75 अध्यापक शामिल रहे।

इसमें प्रथम वक्ता जेपी विश्वविद्यालय वाकनाघाट के प्रोफेसर डॉ. सुधीर स्याल रहे। उन्होंने जॉय ऑफ टीचिंग पर विचार रखे। वहीं प्राध्यापन को प्रभावशाली बनाने के लिए दस सूत्रों से अवगत करवाया। दूसरे वक्ता



बायोटेक्नोलॉजी विभाग हिमाचल प्रदेश विश्वविद्यालय शिमला से प्रोफेसर डॉ. विमक अजमी मौजूद रहे। इन्होंने प्रोजेक्ट फॉर्म्युलेशन और रिसर्च फंडिंग के बारे में बताया। कार्यशाला के तीसरे वक्ता प्रेसीडेंसी यूनिवर्सिटी कोलकाता से डॉ. अभिजीत ने गुणवत्ता अनुसंधान पर विचार रखे। महाविद्यालय की प्राचार्या डॉ. रुचि रमेश ने कहा कि शिक्षण एक प्रदर्शन है। कक्षा एक चलचित्र के समान है। इसमें

प्राध्यापक और विद्यार्थी मुख्य भूमिका निभाते हैं। कहा कि शिक्षकों को प्राध्यापन को निखारने के लिए हर संभव प्रयास करने चाहिए। राजेश आजाद ने मंच संचालन किया। डॉ. मदन मनकोटिया ने धन्यवाद प्रस्ताव पारित किया। यह कार्यक्रम आईक्यूएसी कोआर्डिनेटर डॉ. अनिल ठाकुर के निर्देशन में हुआ। इस मौके पर गीता शर्मा, प्रदीप ठाकुर, डॉ. रक्षा कारटा, डॉ. निष्ठा मुख्य रूप से मौजूद रहीं।

# आरकेएमवी शिमला में आईक्यूएसी ने क्वालिटी टीचिंग एंड रिसर्च ; व्हाट, व्हाई एंड हाउ पर एक दिवसीय कार्यशाला आयोजित की



दैनिक आवाज जनादेश/  
शिमला /  
न्यूज हैड सी०चीला नेगी

राजकीय कन्या महाविद्यालय शिमला में दिनांक 6 मई 2023 को आईक्यूएसी द्वारा एक दिवसीय कार्यशाला का आयोजन किया गया। यह कार्यशाला क्वालिटी टीचिंग एंड रिसर्च ; व्हाट, व्हाई एंड हाउ पर आधारित थी। कार्यशाला में महाविद्यालय के सभी प्राध्यापक वर्ग के साथ-साथ राजकीय महाविद्यालय चौड़ा मैदान, राजकीय महाविद्यालय थियोग, राजकीय महाविद्यालय संजौली, राजकीय महाविद्यालय कोठी (चायल) के प्राध्यापकों ने भी भाग लिया। यह कार्यशाला ऑफलाइन और ऑनलाइन मोड द्वारा करवाई गई। इस कार्यशाला में प्रथम वक्ता के रूप

में डॉ सुधीर कुमार स्याल जोकि जेपी यूनिवर्सिटी वाकणाघाट में बायोटेक विभाग के प्रोफेसर और हेड है ने "जॉय ऑफ टीचिंग" पर अपना वक्तव्य प्रस्तुत किया। उन्होंने पर प्रध्यापन को प्रभावशाली बनाने के लिए 10 सूत्रों का जिक्र किया साथ ही शिक्षकों को उनके शिक्षक होने का बोध कराते हुए अपने प्रध्यापन को पूरी निष्ठा से निभाने पर बल दिया। उन्होंने "रोल ऑफ स्ट्रेस इन टीचिंग" पर भी चर्चा की। कार्यशाला में दूसरे वक्ता के रूप में डॉ वामिक आजमी प्रोफेसर एंड हेड, डिपार्टमेंट ऑफ बायो टेक्नोलॉजी हिमाचल प्रदेश विश्वविद्यालय शिमला रहे। उनकी प्रस्तुति का विषय था "प्रोजेक्ट फॉर्मूलेशन एंड रिसर्च फंडिंग" शोध के क्षेत्रों में विभिन्न एजेंसियों द्वारा वित्तीय



मदद प्रदान करने पर विस्तृत व्याख्यान दिया। इसके अंतर्गत उन्होंने प्रमुखतः सीएसआईआर, एआईसीटीई, यूजीई, डीआरडीओ, डीएसी, डीएसटी, आईएसआरक्यू, मिनिस्ट्री ऑफ आयुष आदि के बारे में विशेष जानकारी दी। साथ ही उन्होंने शोध क्षेत्र में महिलाओं के लिए वित्तीय मदद प्रदान करने वाली कुछ एजेंसियों जैसे डीएसआई, डीबीटी, केआईआरएन (आईपीआर) विज्ञान ज्योति आदि पर विस्तृत प्रकाश डाला। उन्होंने शोध परियोजना (प्रोजेक्ट रिपोर्ट) बनाने से संबंधित जानकारियां प्रदान की। कार्यशाला में तीसरे प्रमुख वक्ता के रूप में डॉ अभिजीत डे प्रेसीडेंसी यूनिवर्सिटी कोलकाता रहे उन्होंने "क्वालिटी रिसर्च: व्हाट, व्हाई एंड हाउ" विषय पर व्याख्यान प्रस्तुत किया। उन्होंने

यूजीसी केयरलिस्ट ओर एससीओपीयूएस पर जानकारी दी। महाविद्यालय की प्राचार्य डॉ रुचि रमेश ने सभी पधारे अतिथियों का स्वागत किया और प्रमुख वक्ताओं का आभार व्यक्त किया उन्होंने अपने वक्तव्य में कहा "टीचिंग इज ए परफॉर्मेंस" कक्षा एक चलचित्र के समान है जिसमें प्रध्यापक और विद्यार्थी प्रमुख भूमिका निभाते हैं। हमें अपने प्रध्यापन को निखारने के लिए हर संभव प्रयास करने चाहिए। डॉ मदन मनकोटिया द्वारा धन्यवाद प्रस्ताव प्रस्तुत किया गया। यह कार्यक्रम आइक्यूएसी कोऑर्डिनेटर डॉ अनिल ठाकुर के निर्देशन में हुआ। आइक्यूएसी टीम के सदस्यों में गीता शर्मा, प्रदीप ठाकुर, डॉ रक्षा काल्टा, डॉ निष्ठा का योगदान सराहनीय रहा।

## Outreach activity

**Destination:** Dr. Y.S Parman Government Post Graduate College, Nahan, Himachal Pradesh.

**Resource person:** Dr. Surajit Kumar Hazra, Dept of PMS, JUIT Waknaghat

**Purpose of visit:** M.Sc Physics

**Date of Visit:** 24 April 2023

**Time period:** 11:00 am – 2:00 pm

**Report:** The principal Madam, **Dr Veena Rathore**, permitted the interaction with the final year B.Sc students under the supervision of Physics faculty, **Ms Richa** in one of the classrooms. Approximately 30 students attended this interaction. The students were elaborately told about JUIT, Dept of PMS and its forthcoming M.Sc Physics program. The admission procedure, along with the scope/opportunities for the M.Sc graduates were elaborately discussed with the students. Hard posters were displayed in their notice boards with the permission of Principal Madam. A visit to the Dept of Physics was also completed during that time. The final year students were very keen to know whether any financial support will be provided to the students joining the M.Sc Physics program at JUIT?



Figure-1: A view of the Post Graduate College



Figure-2: During interaction with the students



Figure-3: Question/answer session

# Report

## Practical Sessions in Computer Science and Electronics Communication Engineering Techniques for Students of Govt. Polytechnic Sundernagar



Jaypee University of Information Technology, Waknaghat  
(24 March. 2023)

**Jaypee University of Information Technology, Waknaghat organized a “Practical Sessions in Computer Science and Electronics Communication Engineering Techniques” for the students of Govt. Polytechnic Sundernagar at JUIT on 24<sup>th</sup> March.** Dr Hemant Sood, Associate Prof.(BT&BI) gave an overview to the students about JUIT and motivated them for future avenues available at JUIT for career advancements. Under the signed MoU with Govt. Polytechnic Sundernagar the students of CSE (~41 no.) of 6th semester attended the Practical sessions conducted by Dr. Ekta Gandotra, Dr. Harsh Sohal, Dr. Salman Raju and Dr. Vikas Baghel along with their respective lab staff. Prof. Vivek Sehgal HoD(CSE&IT) provided insight about the Department of CSE and IT to the students and details about courses offered by the Department.

Vice chancellor Prof. R.K.Sharma took the interactive session with students and oriented them for Machine Learning, Data Structures and AI based knowledge for their holistic growth. Dr. Hemant Sood extended her acknowledgements and gratitude to the JUIT administration, Principal GPS, HoD Computer Engineering Mr DR Bodh. Neeraj Uppal ji, Faculties from GPS Kumari Neena, Mr Hemraj, students of B. Tech. Biotechnology (Ragini Mishra and Swetam) and committee members Dr. Ekta Gandotra, Dr. Harsh Sohal and lab staff for the smooth conduct of the sessions.

The details of news coverage, time schedule and pictures of the sessions are below mentioned. [Practical Sessions@JUIT-Himachal Tonite](#)

[Practical Sessions@JUIT-CNI](#)

**Schedule of Practical Sessions in Computer Science and Electronics Communication Engineering Techniques” for Students of Govt. Polytechnic Sundernagar at JUIT (24<sup>th</sup> March, 2023)**

**Convener of the workshop : Dr Hemant Sood**

**Co-conveners : Dr Ekta and Dr Harsh**

<b>Date &amp; Time</b>	<b>Resource Person</b>	<b>Event details</b>
<b>11:00 AM</b>	Dr Hemant Sood Associate Prof.(BT&BI) Chairperson	Overview about JUIT and Workshop Address by VC sir (Prof. Rajendra Kumar Sharma)
<b>11:30-12:45 PM</b>	Dr. Ekta Assistant Prof. (SG) (CSE) Member	Orientation and demonstration of latest applications of Computer Science and specialized domains of engineering
<b>1:00- 2:00PM</b>	<b>Lunch Break</b>	
<b>2:00-3:00 PM</b>	Dr. Harsh Sohal Assistant Prof. (SG)(ECE) Member	Orientation and demonstration of applications of ECE in present times
<b>3:00-PM &amp; 3:15 PM</b>	<b>Feedback from the participants and Departure</b>	







## Report

# One Day Workshop on Practices of Engineering Techniques for Government Polytechnic for Woman Kandaghat (H.P.)



**Jaypee University of Information Technology, Wagnaghat  
(17 March. 2023)**

**Dr. Hemant Sood, Associate Professor (BT &BI) organized a “One Day Workshop on Practices of Engineering Techniques” for Students of GPW, Kandaghat on 17<sup>th</sup> March 2023 along with her committee members Dr. Ekta, Assistant Professor, Senior Grade in Computer Science Engineering, Dr. Harsh Sohal, Assistant Professor, Senior Grade, ECE and Dr. Saurav Kumar, Assistant Professor, Senior Grade, CE.** Under the signed MoU with Govt. Polytechnic for Women(GPW), Kandaghat the students of CSE and ECE (~64 no.) attended the workshop and learned different engineering techniques of Computer Sciences, Electronic& Communication Engineering, and Civil Engineering via lab demonstrations. On the basis of feedback submitted by students, demonstrations of advance Computational tools and demonstrations of hardware and software by Mr Ashok and Mr Mohan in the CSE& IT Lab, Robotic and layouts of electronic circuits in the ECE Lab by Dr Vikas, Dr Salman along with Mrs Jyotsana, and Geotech and Hydraulics Labs of CE lab by Mr Amar and Mr Jaswinder were highly appreciated. Faculties from GPW, Ms. Swati and Mr. Hitesh, and Lab attendant Mr. Chain

Singh have accompanied the students and provided all necessary support. Dr. Hemant Sood extended her acknowledgments to the JUIT administration, Principal GPW, Kandaghat, Faculties, Staff and students of M.Sc. Biotechnology (Parul and Yatsi ) for the smooth conduct of the workshop.

The details of news coverage, time schedule and pictures of the sessions are below mentioned.

[Workshop on Practices of Engineering Techniques\\_CNI](#)

[Workshop on Practices of Engineering Techniques\\_Himchal Tonite](#)

**Schedule of One Day Workshop on Practices of Engineering Techniques for GPW at JUIT (17 March, 2023)**

**Convener of the workshop : Dr Hemant Sood**

**Co-conveners : Dr Ekta, Dr Harsh and Dr Saurav**

<b>Date &amp; Time</b> 17.03.2023	<b>Resource Person</b>	<b>Event details</b>
<b>10.00 AM</b>	Dr Hemant Sood Associate Prof.(BT&BI) Chairperson	Overview about JUIT and Workshop Address by VC sir (Prof. Rajendra Kumar Sharma)
<b>10.30-11:30 AM</b> <b>Group 1</b>	Dr. Ekta Assistant Prof. (SG) (CSE) Member	Orientation and demonstration of applications of Computer engineering
<b>10.30-11:30 AM</b> <b>Group2</b>	Dr. Harsh Sohal Assistant Prof. (SG)(ECE) Member	Orientation and demonstration of applications of ECE in present times Determine the permeability of magnetic materials by plotting B.H.Curve
<b>11.30-12:30</b> <b>Group 2</b>	Dr. Ekta Assistant Prof. (SG) (CSE) Member	Orientation and demonstration of applications of Computer engineering
<b>11.30-12:30</b> <b>Group1</b>	Dr. Harsh Sohal Assistant Prof. (SG)(ECE) Member	Orientation and demonstration of applications of ECE in present times Practical demonstration :Determine the permeability of magnetic materials by plotting B.H.Curve
<b>1:00- 2:00PM</b>	<b>Lunch Break</b>	
<b>2:00-3:00PM</b> <b>Group1 &amp; 2</b>	Dr Saurav Assistant Prof. (SG)(CE) Member	Orientation with applications of Civil engineering in present scenario Practical demonstration: 1.Study forces in various members of Jib Crane. 2. Determine support reactions for simply supported beam
<b>3:00-PM &amp; 3:30 PM</b>	<b>Feedback from the participants and Departure</b>	

**Glimpses of the event :**



## Career counselling at Govt. Polytechnic for Woman Kandaghat, Distt. Solan, Himachal Pradesh, March 14, 2023.

A career counselling session was organised at Govt. Polytechnic for Woman Kandaghat, Distt. Solan, Himachal Pradesh, March 14, 2023. The program was conceptualized by DC Solan and was organized by HPKVN team along with GPW Kandaghat. Nearly 200 diploma students of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year of ECE, Computer Science and Pharmacy participated.

Chief Guest Prof. R. K. Sharma, Vice Chancellor Jaypee University graced the occasion with words of wisdom. Prof. Sharma emphasized on the need and importance of focus in the era of distractions and multitasking. He shared with the audience that in the coming age of artificial intelligence the ones who can stay focused might stay relevant. Dr. Harsh Sohal and Mr. Chandrapal counseled the students about the ever increasing importance of higher education in the knowledge societies of the future. Students were made aware of various courses being offered by Jaypee University of Information Technology Wanknaghat while highlighting the prestigious placement records of previous years. They advised the students to make an informed decision while choosing higher education institution.

We would like to thank DC Solan for organizing the event. We would also like to extend our heartfelt gratitude to the Principal Govt. Polytechnic for Woman Kandaghat, Solan, HOD ECE Department and faculty and staff members for the reception, support and felicitations extended to the Jaypee University team in this program.









## **VISIT TO PINE GROVE SCHOOL, SUBATHU**

Prof. Sudhir Kumar was invited as a resource person in Teachers' Training Programme of Pine Grove School Subathu, Solan on 15Feb, 2023. He was having a session on 'Joy of Teaching'. The session was an interactive one followed by discussion with school teachers. The session included the ways and means to improve teaching, to inculcate creativity, aims of teaching, skills, students'-teacher relationship. The various teaching methodologies based on creativity, freedom and opportunities to students were discussed. Prof. Sudhir Kumar thanked Cap. A.J. Singh and School principal Mr. Pankaj Sharma along with other school staff for invitation.



# INDUSTRIAL VISIT

## BHARAT SANCHAR NIGAM LIMITED

### HP TELECOM CIRCLE (BSNL) Solan, Himachal Pradesh

on

February 04, 2023

The Department of Electronics and Communication Engineering (ECE), Jaypee University of Information Technology Wagnaghat (JUIT-W) has organized student's industrial visit to **BHARAT SANCHAR NIGAM LIMITED: HP TELECOM CIRCLE (BSNL) Solan, Himachal Pradesh** on 4<sup>th</sup> February 2023. There were 26 students from semester IV and VI along with 3 faculty members and 1 technical staff participated in this visit.

This visit has been organized under the MoU between the two organizations which was coordinated by Dr. Nafis Uddin Khan, Dr. Shweta Pandit and Dr. Alok Kumar under the guidance of Head of the Department - ECE Prof. Rajiv Kumar. The main objective of this visit is to strengthen the technical knowledge and industrial experience of the students in mobile and telecommunication engineering field. In this visit, the students from our Department have undergone through real time working and environment of BSNL and interacted with the technical staff and BSNL professionals. I am sure this visit would surely help the students for internship and job career opportunities.







**भारत संचार निगम लिमिटेड**  
(भारत सरकार का उपक्रम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)

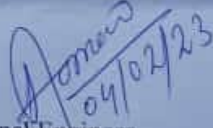
O/o DE (INDOOR) TELEPHONE EXCHANGE SOLAN

**CERTIFICATE**

This is to certify that a team of 30 students and faculty members from Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Wahnaghat have undergone the industrial visit at **BHARAT SANCHAR NIGAM LIMITED: HP TELECOM CIRCLE (BSNL) Solan, Himachal Pradesh** on **February 04, 2023** as per the company norms and regulations.

They have completed the industrial visit successfully.

Place: Solan, H. P.  
Date: February 04, 2023

  
04/02/23  
Divisional Engineer  
BSNL Telephone Exchange  
Solan (HP)-173212

**Atal Bihari Vajpayee Govt Institute of Engineering and Technology (ABVGIET), Pragatinagar, Shimla student's visit to the department of ECE, JUIT.**

On 20<sup>th</sup> December 2022, a delegation of 26 students of Electronics and Communication Engineering Department of Atal Bihari Vajpayee Govt Institute of Engineering and Technology (ABVGIET), Pragatinagar, Shimla has visited the Jaypee University of Information Technology (JUIT), Wagnaghat along with their two faculty members Ms. Vandana Thakur and Mr. Saurabh Mehta. The Electronics and Communication Engineering Department of JUIT has organized the visit under the MoU between the two institutes which was coordinated by Dr. Nafis Uddin Khan and Dr. Shweta Pandit under the guidance of HoD ECE Prof. Rajiv Kumar. The main objective of this visit is to strengthen the academic tie-up between JUIT and ABVIET. During this visit, students of ABVGIET were made aware of the different lab facilities at JUIT and ECE department. They were given demonstration of different projects of IoT Lab, Mitsubishi Lab, Robotics lab and informed about different collaboration opportunities of both organizations. The students have also interacted with the B.tech 4<sup>th</sup> year and M.tech. 1<sup>st</sup> year ECE students.









A report  
on Academic Institution Visit to  
**Institute of Himalayan Bioresource  
Technology (CSIR-IHBT) & Agriculture  
University Palampur**



On 16<sup>th</sup> November 2022 by M.Sc. & B. Tech 2<sup>nd</sup> & 3<sup>rd</sup> Year  
(Biotechnology-Students) Organized by Department of  
Biotechnology and Bioinformatics Jaypee University of  
Information Technology Waknaghat , H.P.





An academic visit was carried out to Institute of Himalayan Bioresource Technology (CSIR-IHBT) & Agriculture University Palampur on 16th November 2022 for M.Sc. and B.Tech. Biotechnology second & third year students. The purpose of the visit was to enlighten students to various research activities undertaken in the prestigious research institution, 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.

The institute has a mission “to discover, innovate, develop and disseminate the processes, products and technologies from Himalayan bioresources for society, industry, environment and academia”.

Dr Sudhir Kumar and Dr Jitendraa Vashistt along with 34 students visited IHBT, On reaching the institute, we were received by Dr. Ashish Rambhau Warghat (Sr. Scientist in Biotechnology Division) and Dr. Girish Nadda (Senior Scientist). Dr. Ashish addressed the students and explained major research divisions at IHBT. He majorly explained about the processes of plant cell & tissue engineering, aeroponics, hydroponic & aquaponic farming. He told us about the major researches being carried out such as formulation of Waterhyssop (Brahmi) plant in a capsule form used to improve memory, anxiety issues & various other high altitude Himalayan medicinal plants for sustainable production of secondary metabolites & production of metabolite enriched plant biomass & understanding of mechanism of nutrients towards growth & development. For e.g., *Rhodiola* a herb found at 8000 feet of Ladakh mountains. Students’ visited the media preparation room & algae culture facility learnt about the development of methods for microalgal metabolites products under the guidance of Dr. Vidyashankar Shrivatsan.

Students’ visited genetics & genomics study lab headed by Sr. Principal Scientist Dr. R.K. Sharma, where we were briefed about reversed and forward genetics along with sequencing technologies for identification of molecular markers & genome mapping in tea, Stevia & other targeted plant species of North Western Himalayan region.

There was a visit to Plant & Molecular Biology Lab & our team was introduced to next Generation sequencing instruments which they used to sequence whole genome of *Picrorhiza kurroa* along with various other equipment.

The Food lab headed by Dr. Shashi Bhushan Sr. Principal Scientist, was also visited where the main research was utilization of traditional low value local food bioresources for development of high end products of international standards (tea). Team was introduced to various instruments used for phytochemical analysis such as water activity motor, rheometer, sonicator, ashing machine & freeze dry packaging of food products.

Students got knowledge about structural bioinformatics under the guidance of Dr. Rituraj Purohit where analysis of biological systems such as 3D structure of proteins, Protein drug complex & nucleic acid were being carried out.

Molecular microbial genetics laboratory was equally interesting where students’ were introduced to various strategies such as whole genome sequencing, proteomics, genetics & bioinformatics to develop a bioprocess for the industrial use (such as bioplastics). The IHBT

team also study higher altitude microbes with major focus on the enzymes of industrial use while studying the adaptation of microbes to extreme Himalayan niches.



On 17<sup>th</sup> November 2022, the team we also visited Himachal Pradesh Krishi Vishvavidyalaya. The University imparts education in agriculture and other allied branches, furthering the advancement of learning, research and undertaking extension of such branches, especially to the rural population of Himachal Pradesh.

Dr. Chaudhary of University facilitated our visit. Dr. Parmar took the students to University Museum and introduced various equipments developed to help farmers in agriculture. Students were curious to see new type of seeds such as Maize varieties, Saffron bulbs, Barley & paddy varieties. Polyhouses visit was also knowledgeable where we saw the cultivation of cauliflower variety (Megha) , cucumber & tomato & learnt the various environmental conditions under which they grow.

Prof. Sudhir Kumar and Dr. Jitendraa Vashitt extended gratitude to the management of, IHBT & Himachal Pradesh Krishi Vishvavidyalaya for their permission and support to make this visit possible and achieving our objectives for the students. Dr. Abhishek Chaudhary arranged for all the necessary permissions required for this visit.

# CRIKC-CII Exhibition cum Industry Academia Meet

Punjab University (PU), Chandigarh

on

12<sup>th</sup> November 2022

A team of the following members from Department of ECE & ECM, JUIT Solan have represented the University in **CRIKC-CII Exhibition cum Industry Academia Meet** held on 12<sup>th</sup> of November 2022 organized by Technology Enabling Centre (TEC), Punjab University (PU), Chandigarh.

1. Dr. Nafis Uddin Khan (Faculty)
2. Mr. Munish Sood (Faculty)
3. Dr. Ajay Kumar Singh (Lab Staff)
4. Mr. Dharendra Kumar Singh (Lab Staff)
5. Mukul Anand (IV Year Student)
6. Zeeshan Naseem (IV Year Student)
7. Shikhar Trivedi (IV Year Student)
8. Tushar Paul (III Year Student)
9. Ekal Sharma (III Year Student)
10. Abhishek Kumar (II Year Student)
11. Utkarsh Sharma (II Year Student)
12. Deepanshu (II Year Student)
13. Sanat Jain (II Year Student)
14. Parth Gupta (I Year Student)
15. Sambhav Thakur (I Year Student)

In this great event, the students from our Department have presented their ideas of innovation through real time working projects and interacted with industry professionals. I am sure this visit would surely help the students for entrepreneurship and internship opportunities.



The details of the projects presented in the meet are as follows:

1. **Hydrohive (Mukul Anand, Zeeshan Naseem and Shikhar Trivedi (IV Year ECE))**

Hydrohive is a start-up dedicated to providing good quality food crops in adequate time with almost zero percent chance of crop failure under any type of climatic condition and agricultural land. Unlike traditional methods, our method will ensure less investment, and fewer resources, and produce more healthy and nutritious yields. Agri-sector is growing in technology which helps in making traditional methods easy but, the technique we are using will change the traditional methods of farming for the betterment of the farmers as well as the Agri sector's economy. Also, common people can have their own farms at home and eat healthy homegrown crops. Hydrohive will provide system placements as well as crops. According to the need of the customer, we can provide either the whole farm placement on the land given by the customer or if the customer needs only the crops and not the farm itself then that is also possible at a fair amount. We have greatly emphasized our customer outreach so that we can cater to the maximum consumer segment. Being a cloud-based agritech startup, we are keen to improve at any point in time and with our 24/7 customer support, we can handle the slightest issue with any of our clients.



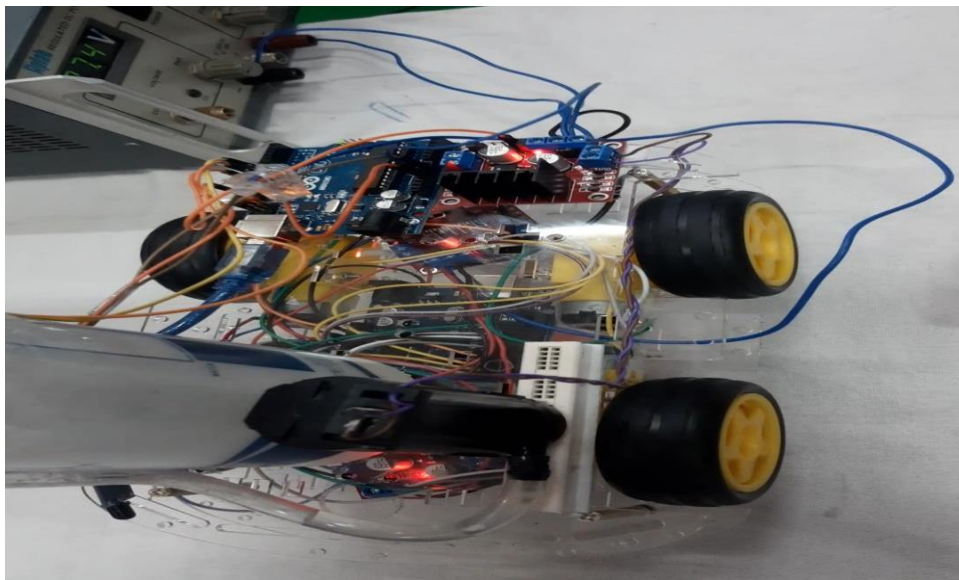
2. **Landslide Prediction System (Tushar Paul and Ekal Sharma (III Year ECE))**

This project is to promote disaster preparedness & to minimize the losses of lives during landslide. For the prototype model we used different sensors including the moisture sensor, vibration sensor, humidity and temperature sensor, ultra-sonic sensor, gyroscope, ESP-32 and Arduino UNO. Arduino IDE is used to get the output from the sensors. In the lab real time landslide model was created, the slopes were built at different angles to test the model multiple times. Output is then send to the Thing Speak software where it can be seen graphically and the results can be analysed & processed. All the different outputs including the soil moisture value, humidity value, vibration value, distance by ultra-sonic sensor, temperature in Celsius and Fahrenheit and acceleration values can be analysed on the laptop or mobile phones.



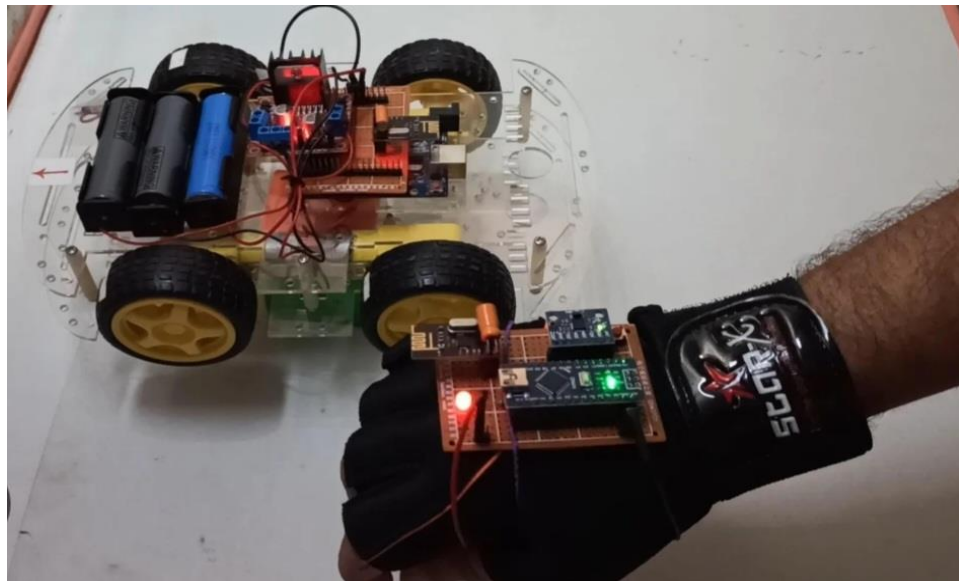
### 3. Fire Fighting Robot (Abhishek Kumar, Utkarsh Sharma, Sanat Jain and Deepanshu (II Year ECE & ECM))

The problem with the existing system is that the firefighting environment is hard to reach and, being the hilly area it make the situation even worse as it hard for Fire Truck to reach the fire scene and fight for the same. Additionally, the current methods applied in firefighting are inadequate and is heavily relying on humans who are prone to error and life thread due fire debris falling from the hills. The Proposed model will be able to solve all the problem mentioned in existing system like, ability to be deployed at fire location, detect the fire and spray the water or CO<sub>2</sub> accordingly. The robot will feature tank like design having spikes on its continuous track that will provide skid prevention and will make it suitable for all weather and terrain. It will also have four hydraulic arm having small wheel attach that will prevent the robot from flipping over.



#### 4. Gesture Recognition (Parth Gupta and Sambhav Thakur (I Year ECE))

Gesture recognition can be seen as a way for computers to begin to understand human body language. Compared to the primitive user interfaces, such as keyboard and mouse, it builds a richer bridge between the computers and humans. In the project we made we used various integrated circuits and a simple microcontroller i.e. Arduino Lily Pad to act as a brain of computer robot. Accelerometer has also been used to get relevant data deciphering various physical movements and all to deduce and move the vehicle according to the gestures given. We made a handheld vehicle that can be integrated into just about anything and remotely control it to perform various tasks simultaneously with some integrated function too.



#### Key Highlights:

1. Exhibition of showcase real time working projects and technologies in front of industry people.
2. Expression of Interest (EoI) from industry for commercialization of exhibited projects and technologies.
3. Panel discussions of industry people to know R & D needs of industry.
4. Start – Up and entrepreneurship opportunities in collaboration with industries.
5. Discussions on Industry-Academic relationships for placements and employability.

A  
REPORT ON  
EXPERTVISIT  
TO  
**Jaypee University of Information Technology**  
Waknaghat-Solan (H.P)-173234



**ON 25<sup>th</sup> November 2022**

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

## (JUIT -Paraxel Researcher Experience)

### **Expert: Profile – Ms.Neha Kapoor**

Sr. Manager, Paraxel India Pvt. Ltd.

- Ms Neha Kapoor, Sr. Manager Paraxel India Pvt. Ltd- Mohali-Punjab. She has a successful and proven track record in managing the medical writing with vast experience of authoring/reviewing. She explained the same during her talk. Her work included:-Aggregate reports including but not limited to Periodic Safety Reports (PSRs) including Periodic Safety Update Reports (PSURs), Periodic Benefit-Risk Evaluation Reports (PBRERs), Addendum to Clinical Overviews (ACOs), Semi-Annual Safety Reports (SASRs), Corporate Addendum Reports States Periodic Adverse Drug Experience Reports (PADERs). Ms.Neha's talk was very interactive and students were inquisitive about phases of clinical trials of drugs and skills to be acquired to attach with Industry.
- Ms Kapoor also responsible for end-to-end signal management process (as applicable), generating Line Listings, creating drug lists/drug folders, performing regulatory submissions, tests electronic submissions gateways, tracking compliance monitoring of submissions in accordance with client/international conventions (as applicable), responsible for preparing the narratives associated with the client's/sponsor's products from clinical trials for Clinical Study Reports (CSRs) or in order to support any health authority requests in accordance with regulatory and client's/sponsor's requirements (as applicable).
- Paraxel India is among the leading clinical research organizations (CROs) working on different therapeutics areas including Oncology, Infectious Disease, Inflammation, General Medicine and providing the full range of Phase I to IV clinical development services to help life-saving treatments reach patients faster.
- Ms.Neha Kapoor visited the campus of JUIT and research facility in the department of Biotechnology and Bioinformatics she was impressed with research and study environment here.
- Ms. Kapoor interacted with faculty member, Ph.D. scholars and discussed their field of interest, he appreciated the research work carried out by faculty in the department of Biotechnology and Bioinformatics.
- Ms. Kapoor was very positive to start collaborative certificate program in Pharmacovigilance. She was very positive for paraxel –JUIT collaborative research
- We have discussed the possibility of student training/internship at Paraxel in near future.
- After meeting, Ms. Kapoor was very positive for more and more meeting or visit in JUIT in near future.





Thanks& Regards

Dr.Abhishek Chaudhary

Department of Biotechnology and Bioinformatics

Jaypee University of Information Technology

Solan-H.P

Prof. Dr.Sudhir Kumar (HOD)

Department of Biotechnology and Bioinformatics

Jaypee University of Information Technology

Solan-H.P

## **PG Career Counseling Programme**

**Atal Bihari Vajpayee Institute of Engineering and Technology, Pragatinagar, Shimla**

**on**

**July 15, 2022**

An orientation and PG career counseling activity for final year B.Tech (ECE) students of Atal Bihari Vajpayee Institute of Engineering and Technology, Pragatinagar, Shimla was carried out by the Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Wanknaghat on July 15, 2022. Dr. Nafis Uddin Khan and Dr. Alok Kumar visited Atal Bihari Vajpayee Institute of Engineering and Technology, Pragatinagar, Shimla for guiding the final year B.Tech (ECE) students for their future education and career plan. The scope in PG course of M. Tech (Internet of Things) and the related job perspectives have been discussed with the students.

### **Photographs**



## **Lawrence Public School, Sanawar, Solan Students Visited Jaypee University of Information Technology (JUIT) to learn state-of-the-art Technologies**

45 students of historical Lawrence Public School, Sanawar, Solan visited Jaypee University on 04<sup>th</sup> May, 2023. They visited various departments including Computer Science Engineering, Information Technology, Biotechnology and Bioinformatics, Civil Engineering, Electronics and Communication Engineering etc. They interacted with the faculties and lab staff and learned about various courses offered by JUIT at various levels. Three faculty members from the same school accompanied these students were, Mr. Anil Chauhan, Ms. Twinkle Kaur and Mr. Raghuvender Singh Sisodiya. This visit was coordinated by Dr. Tiratha Raj Singh along with Dr. Rahul Shrivastava from Department of Biotechnology and Bioinformatics, JUIT. Faculty members from other departments like Dr. Kushal Kanwar, Dr. Ravindara Bhatt and Dr. Vikas Baghel also interacted with the students. Dr. Vikas demonstrated the robotics and drone technologies to the students which they enjoyed with profound eagerness. Mr. Ismail Siddiqui also took students to the high end instrumentation facility of the department of BT and BI. Faculty members from various other departments helped in the overall organization of this important visit of the students. JUIT administration always encourages such kind of visits and it is anticipated that more similar visits in near future will be organized so that students must develop interest in science, engineering and technology.









## Outreach Activity and Career Counseling Programme

Government Senior Secondary School Chail, H. P.

On

May 24, 2023

An outreach and career counseling activity for school students was carried out by Jaypee University of Information Technology Wagnaghat on May 24, 2023. The Department of Electronics and Communication Engineering and Civil Engineering have participated in this activity. Dr. Nafis U Khan, Mr. Munish Sood and Dr. Ajay Kumar from Department of Electronics and Communication Engineering and Mr. Akash Bhardwaj from Department of Civil Engineering visited Government Senior Secondary School Chail, H. P. for guiding the students for their future education and career plan.

### Photographs





## **One Day Workshop on ‘Molecular Biology and Biotechnological Techniques’**

On 24 February 2023, a One Day Workshop was organized by Jaypee University of Information Technology, Waknaghat, Solan (H.P.) in collaboration with Rajkiya Kanya Mahavidyalaya (RKMV) Longwood, Shimla, (H.P.) on ‘Molecular Biology and Biotechnological Techniques’. The workshop was arranged by Prof. Sudhir Kumar HoD, BT & BI, JUIT and Dr. Anil Kumar Thakur Dean (Sciences), HoD-Botany, RKMV. Dr. Jata Shankar & Dr. Rahul Shrivastava from JUIT, coordinated the entire workshop.

60 students of B.Sc. (Microbiology, Biotechnology, Zoology and Botany streams) participated in the workshop. Faculty members Dr. Rajender Prakash, Ms. Kartik S. M. Chanchan, Mr. Amit Sharma, Mr Rajesh Azad, from RKMV, Shimla accompanied the students and actively participated in the workshop. The main objective of the workshop was to educate and motivate students for exploration of different arenas in science, and provide them live demonstration and training on novel areas and topics related to Microbiology, Molecular Biology and Biotechnology.

The workshop was conducted by the resource persons from the Department of Biotechnology & Bioinformatics, JUIT, Waknaghat. Dr. Rahul Shrivastava provided a practical demonstration of Drug Screening methods, and Biofilm Inhibition Assay used for Drug Discovery, Dr. Jata Shankar provided a live practical session on PCR and Real-Time PCR. The sessions were followed by practical session on Industrial Applications of Plant Tissue Culture by Dr. Hemant Sood, and interaction on Enzyme Technology by Dr. Ashok Nadda and Dr. Uday M.

RKMV College, Shimla administration thanked the, JUIT for his motivation and support. JUIT administration, staff, research scholars and M.Sc. volunteers provided their support for making the workshop a great success. JUIT Vice Chancellor Prof. Rajendra Kumar Sharma and Dr. Ruchi Ramesh, Principal, RKMV, Shimla expressed their delight over successful conduct of the First workshop under the MoU signed between JUIT and RKMV, Shimla.



## **Career counselling at Govt. Degree College Sanjauli, 'Centre of Excellence' Shimla -171006, Himachal Pradesh, April 24, 2023.**

A career counseling session was organized at Govt. Degree College Sanjauli, Himachal Pradesh, on April 24, 2023. An outreach visit for the same was organized to the mentioned institute with an objective to give publicity to the post graduate programmes being offered by the JUIT. Prof. Vineet Sharma (Dept. of PMS), Dr. Ragini Raj Singh (Dept. of PMS) and Dr. Poonam Sharma (Dept of BT/BI) were nominated to carry out this outreach activity. The B.Sc. 3<sup>rd</sup> year students were selected as the target audience. The permission for the activity was taken from H'ble Principal of Govt. Degree College Sanjauli Dr. Bhupinder Singh Thakur. Dr. Brijesh Chauhan (Assoc. Prof., H.O.D Physics) and Rita Chandel (Asth. Prof., Dept. of Chemistry ) from Govt. Degree College Sanjauli were instrumental in coordinating the event.

The students (50 in number) were apprised of the various scholarships for the post graduate studies being offered by the State Govt., Govt. of India and other agencies abroad by Dr. Brijesh Chauhan. It was followed by an introduction by Prof Vineet Sharma to the post graduate programmes being offered by various Science Departments at the Jaypee University of Information technology to the B.Sc. students. A brief outline of the Dept. of PMS at JUIT, its academic and research contribution were highlighted. Dr. Ragini Raj Singh and Dr. Poonam Sharma provided the details of the procedure to get admission to the post graduate programmes at JUIT and how after post graduation students may opt for the doctoral studies at the University.

We would also like to extend our heartfelt gratitude to the Principal, Dr. Bhupinder Singh Thakur, Dr. Brijesh Chauhan (H.O.D Physics) and Rita Chandel (Dept. of Chemistry ) Govt. Degree College Sanjauli, Himachal Pradesh for helping to coordinate this event.









## **Career counselling at Rajiv Gandhi Govt. Degree College Chaura Maidan Shimla -171004, Himachal Pradesh, 2<sup>nd</sup> May, 2023.**

A career counseling session was organized at Rajiv Gandhi Govt. Degree College Kotshera Shimla, Himachal Pradesh, on 2<sup>nd</sup> May, 2023. An outreach visit for the same was organized to the mentioned institute with an objective to give publicity to the post graduate programmes being offered by the JUIT. Prof. Vineet Sharma (Dept. of PMS) and Dr. Poonam Sharma (Dept of BT/BI) were nominated to carry out this outreach activity. The B.Sc. (Medical and Non medical) 3<sup>rd</sup> year students were selected as the target audience. The permission for the activity was taken from H'ble Principal of Govt. Degree College Kotshera Dr. Anupama Garg. Dr. Nitika Chauhan (Asth. Prof and H.O.D Chemistry) and Neena Gautam (Asth. Prof., Dept. of Chemistry) from Govt. Degree College Kotshera were instrumental in coordinating the event.

About 65 students were apprised by an introduction by Prof Vineet Sharma to the post graduate programmes being offered by Department of PMS at the Jaypee University of Information technology to the B.Sc. students. A brief outline of the Dept. of PMS at JUIT, its academic and research contribution were highlighted. Dr. Poonam Sharma provided the details of the procedure to get admission to the post graduate programmes at Deptt. of BT/BI of JUIT and how after post graduation students may opt for the doctoral studies at the University.

We would also like to extend our heartfelt gratitude to the Principal, Dr. Anupama Garg, Dr. Nitika Chauhan (Asth. Prof and H.O.D Chemistry) and Neena Gautam (Asth. Prof., Dept. of Chemistry) from Govt. Degree College Kotshera, Shimla for helping to coordinate this event.





