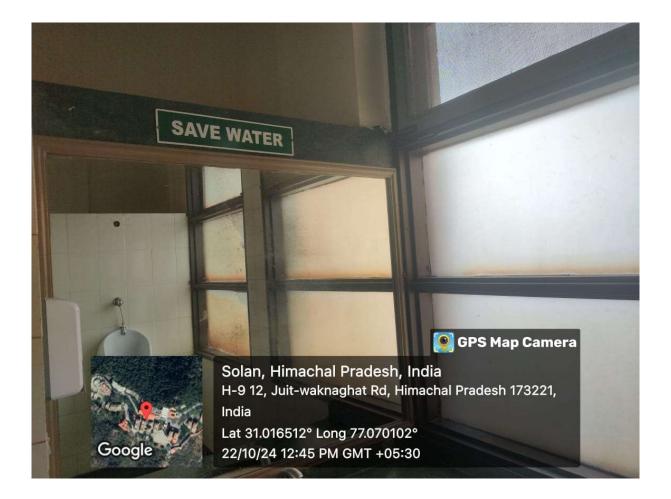
Metric and indicator reference	Metric / Indicator	Comments/Data	Yes/No	Evidence1	Public (Yes/No)
6.5.5	Promoting conscious water usage on campus Actively promote conscious water usage on campus,	Displays/banners/Instructions are widely circulated within the University	Yes	Save water display in JUIT-Picture	Yes
6.5.6	Promoting conscious water usage in the wider community. Actively promote conscious water usage in the wider community	Under the UBA initiatives, the locals are illuminated with respect to water consciousness.	Yes	Link UBA	Yes



JUIT/WKG/REGR/2022-23/087

August 18, 2022

### UNNAT BHARAT ABHIYAN (UBA)

Unnat Bharat Abhiyan (UBA) Cell of JUIT is constituted as under:-

Dr. Saurav

Miss Stuti Roy

Coordinator

Dr. Gopal Singh Bisht Associate Professor Department of Biotechnology & Bioinformatics

Assistant Professor (Senior Grade) Department of Civil Engineering

Co-Coordinator

Student Coordinator 1

Student Coordinator 2

Student Coordinator 3

Mr. Varun Chodha Enrolment No. 191504

Enrolment No. 191046

Aditya Tomar Enrolment No. 191431

Narendra Bahadur Verma Enrolment No. 191337

Student Coordinator 4

Bar

Maj Gen Rakesh Bassi, SM (Retd) Registrar & Dean of Students

c.c.: Vice Chancellor Dean (Academics) Dr Gopal Singh Bisht Dr Saurav Notice Board Website





Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234

UNNAT BHARAT ABHYIAN

30 April, 2023

## Promoting of "vocal for local"

The Mahila Pradhan and her team from Chawsha village displayed a stall of handmade products at JUIT from 27th April to 29th April supported by UBA on the occasion of Le- Fiestus 23 (Annual fest of JUIT). The women of the village took training and learned how to make these products at home. They showcased various products ranging from beautiful candles, dhoop, agarbatti, bags, soaps, shampoo, mosquito repellent, hawankund and a lot more. The stall got overwhelming response from our students as well as the faculty. People gave positive feedbacks and other product suggestions as well. The village community was also motivated to keep up the great work and appreciated the support they got from UBA.

The idea was a successful one as the sales and profit earned by Mahila Pradhan and team were high.









**UNNAT BHARAT ABHYIAN** 

Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234



7 February, 2023

## **Computer Literacy programme for village students in JUIT**

An interactive session of Students with computers has been initiated by university students of Jaypee University through the esteemed group of Unnat Bharat Abhiyan. The value in learning computer is evident with how important tech is in our world. These interactive classes were held with one main goal of spreading the knowledge of computers to all the children of nearby villages (VILLAGE UNDER UBA). The event was conducted under the guidance of our faculty co-ordinator Dr. Gopal Bisht along with Student co-ordinators and UBA team.

Eight such classes (12+ hours in total) have been successful with great response from children. The classes were held in the span of four weeks from 14<sup>th</sup> January,2023 to 5<sup>th</sup> February 2023. Basic topics were included in these sessions which included computer hardware, basic typing, file maintenance and organization MS-Word, MS-Excel, browsing the internet, email writing, privacy and license, computer troubleshooting etc. We received love, support, and great reviews from the students.

Our main purpose for conducting these classes is to give the basic knowledge about how Computer works and how Computer can bring people closer together using E-mail, Chatting, Videoconferencing and social media. It saves time, efforts and money compared with letters used, before evolution of computers in human life. If anyone must learn anything or has a doubt to be clarified in a learning process then they can easily search on Google.

From this session, we feel motivated towards teaching and giving right path to children. There is great participation from the villagers. And, if students are eager to attend more classes so we will conduct it in future as well.









Ragini Raj Singh <ragini.rajsingh@juitsolan.in>

## Participation in Debate/Declamation on 23rd August, 2022

#### Hemant Sood <hemant.sood@juitsolan.in>

16 August 2022 at 17:29

To: "All Staff and Faculty members (JUIT)" <juit\_all@juitsolan.in>

Cc: "Prof. Rajendra Kumar Sharma" <vc@juitsolan.in>, "Ashok K. Gupta" <ashok.gupta@juitsolan.in>, Rakesh Bassi <registrar@juitsolan.in>, "Dr. Shruti Jain" <shruti.jain@juitsolan.in>, Ruchi Verma <ruchi.verma@juitsolan.in>, Pramod Kumar <pramod.kumar@juitsolan.in>, Somlata Sharma <somlata.sharma@juitsolan.in>, HITA 212558 <212558@juitsolan.in>, HARSHIT SINGH 201002 <201002@juitsolan.in>

#### Dear All

We are organizing a Debate/Declamation on a very sensitive and concerned topic "Caste system and Its perspective in Present scenario" for valuable explorations and suggestions for improving its status in the surroundings and for knowledge enrichment. Kindly share this information with your students and others for active participation on 23rd August 2022 at 4 pm. The venue will be informed shortly. All essential details are available on the flyer.



Thanks Note: Parmod ji to mail all students in JUIT Somlata ji to Schools/Colleges

From: Committee for Complaint Against Caste Based Discrimination JUIT

Dr. Hemant Sood Member (Established by H.P. State Legislature vide Act No. 14 of 2002)

# National Cadet Corps

Event Name: A Motivational Talk by CO Col VS Panag

Date: 31-07-2023

# Venue: JUIT Waknaghat

Report:

CO Col VS Panag visited JUIT to deliver a motivational talk for the newly enrolled cadets at Jaypee University of Information Technology, Waknaghat. CO VS Panag said he believes in each and every one of you and we are not just a group of individuals; we are a formidable team, bound by a common purpose and a shared commitment to excellence.

In the face of challenges, it's crucial to remember that our strength lies not just in our individual abilities, but in our collective determination. We are here because we are the best, and we are here to achieve greatness together. Col Panag was facilitated by the VC of JUIT Prof. RK Sharma and the Dean of Students Maj. Gen Rakesh Bassi (Retd.).

The students were thrilled and inclined to serve the society by choosing their career in the defence.



## DEPARTMENT OF MATHEMATICS

#### JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT, SOLAN, H.F.

#### Community Learning Program for Mathematics and Science Education under National Education Policy-2020

Date of Event: 14,11,2022 Place: Government Senior Secondary School, Domchar, Wakraghat, Solan, H.F.

The Department of Mathematics, Jaypee University of Information Technology, Waknaghat has organized an event under Community Learning Program for Mathematics and Science Education (National Education Policy-2020) at the Government Senior Secondary School, Domehar, Waknaghat on the occasion of Baal Divas on 14.11.2022. In this event a motivational lecture was delivered by Prof. (Dr.) Rakesh Kumar Bajaj, Head of the Department, to the students of the classes from IX to XII. An expert lecture followed by an interactive assion was given by Dr. Bhupendra Kumar Pathak on "Vedic Mathematics". Then after a quiz was conducted in the school premises for the students. Total 68 students have participated in the quiz with enthusiasm. After evaluation of the quiz, following students were declared as winners:

Position	Name of the Winner	Class	Cash Prize
First Position	Miss. Mehak	Class XII <sup>th</sup>	Cash Prize of Rs.700
Second Position	Miss. Monika	Class X <sup>th</sup>	Cash Prize of Rs.400
Third Position	Miss. Mannat Verma	Class IX <sup>®</sup>	Cash Prize of Rs.300

Cash prizes worth Rs. 1400 and certificates have been distributed to the winners as well chocolates were distributed among all the participants. The principal of the school, Shri Devendra Ji, science teacher Shri Dharmendra Ji, other school teachers and staff members gave their full support in organizing this event. The program was conducted by Dr. Saurabh Srivastava.

Balan

Prof Rakesh K Bajaj

Dr Saurabh Srivastava

Encl: The soft copy of photographs of the event are attached herewith.













Social Service and Community Development (SSCD) activity (Foot Policing)

Date: 15<sup>th</sup> March, 2023

Location: Jaypee University Of Information Technology, Waknaghat

Time: 5:30P.M.

## **Overview:**

Foot policing conducted by Cadets of Jaypee University of Information Technology, Waknaghat on the theme "ANTI POLLUTION" on 15th March 2023. Total 17 cadets participated in the drive.



#### JUIT/WKG/REGR/2022-23/0493

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#### January 27, 2023

## SUGGESTED MEASURES UNDER SUICIDE PREVENTION STRATEGY NOTIFIED BY UGC

 Based on UGC Notification circulated vide their D.O. No. 2-109/2022(CPP-II) dated 06 January 2023 on the above subject, the responsibilities for various actions at JUIT by various appointments have been approved by Vice Chancellor as under:-

S.No.	Activity	Responsibility
1.	Suicide Helplines/Hotlines for display on Hostel Notice Boards and LRC.	DOS
2.	Introducing Curriculum on Mental Health	Dean (A&R)
3.	Workshop on Non-violent communication for Faculty Members	Dean (A&R)
4.	Linkages with Drug De-Addiction Centre near JUIT	DOS
5.	SvI on Students who are under Performing	Faculty Mentor
6.	Identify Students not attending classes regularly	Faculty Mentor
7.	Have No Friends	Warden
8.	Come from poor socio eco background	DOS
9.	Divorced/Separated Parents	DOS
10.	Poor Eaters/Absent from Annapurna	DOS
11.	JYC to organize Nukkad Nataks/posters making, sports etc	JYC Faculty Incharge
12.	Excess Screen time awareness of chemical changes in brain akin to drug addictions	Dr. Shalini Dhadwal
13.	Communication with parents - Attendance, eating patterns, Marks, Holiday schedule	Faculty Mentor/Warden

- A quarterly report on the actions taken/update will be forwarded to the Office of Registrar with copy to Vice Chancellor for necessary compilation for inclusion in Annual Report as per following schedule:-
  - a) By 31 March 2023.
  - b) By 30 June 2023.
  - c) By 30 September 2023.
  - d) By 31 December 2023.

an

Maj Gen Rakesh Bassi, SM (Retd) Registrar & dean of Students





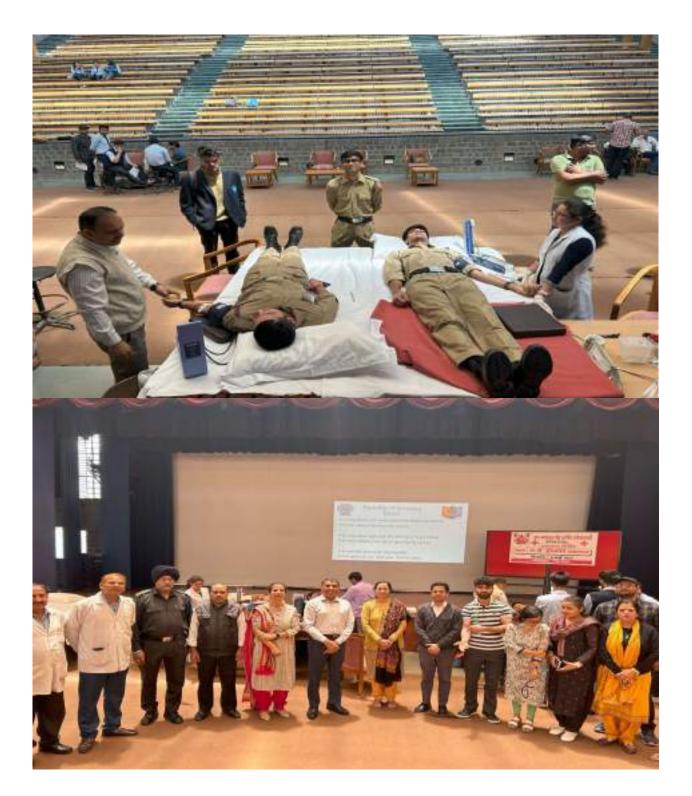
# **National Cadet Corps**

# Name of the Activity: Blood Donation Campaign Date: May 09, 2023 Venue: JUIT Waknaghat

National Cadet Corps, JUIT, Waknaghat organized a 'Blood Donation Campaign' in the campus in collaboration with Sub-Divisional Administration. The campaign was conducted under the supervision of Sub-Divisional Administration and the student coordinator of the NCC. In this campaign we made the people aware about the importance of donating blood, and contribute to saving lives in the community. The event not only contributed to the blood bank's supply but also raised awareness about the continuous need for blood donations. The NCC and Sub-Divisional Administration express their gratitude to all participants, volunteers, and who contributed to the success of this noble cause. The Blood Donation Camp was a resounding success, making a positive impact on the community's health and well-being.













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

## National Cadet Corps

## Name of the Activity: Blood Donation Camp

## Date: 26<sup>th</sup> November 2022

## Place: JUIT Waknaghat

Jaypee University of Information Technology, Waknaghat organized a blood donation camp on November 26, 2022 in collaboration with the National Cadet Corps, Lions Club, Solan. The aim of this event was to encourage voluntary blood donation and to raise awareness about the importance of it.

The team set up a registration desk and a medical check-up desk to check the eligibility criteria for donors. The blood donation camp began at 11:00 AM and continued until 2:00 PM. Faculty, staff, and students came forward to donate blood. Medical professionals from the Red Cross Society and the university health center were present to assist donors. They all were monitoring donors' health before, during, and after the donation process.





**UNNAT BHARAT ABHYIAN** 

Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234



Date: 5 Oct, 2022

# DOOR TO DOOR VILLAGE SURVEY (WAKNA VILLAGE)

Unnat Bharat Abhiyan JUIT Waknaghat organized a door-to-door survey in the Wakna village on 5 October 2022. They were divided into 2 teams. The first team went to the Wakna government schools to conduct a survey for their everyday needs and inquired about the working of the schools. The second team went door to door in the houses of the village to count the number of houses in the village and inquired about the working of the sarpanch, the number of family members and their day-to-day problems regarding electricity, water supply, road conditions and the different government scheme from which they are taking benefits were discussed. Further, all the problems were noted and forwarded to the higher authorities. With the enthusiasm of the members and the cooperation of the residents, this survey was a success.





Dr. Gopal Singh Bisht Faculty Co-ordinator Dr. Saurav Faculty Co-ordinator Narendra Verma Student Co-ordinator Aditya Tomar Student Co-ordinator





Jaypee University of Information Technology Waknaghat, Solan, Himachal Pradesh 173234

UNNAT BHARAT ABHYIAN

28 August, 2022

# Women's Empowerment and Hygiene Awareness program in chhausha village

UBA team of JUIT attended the "Mahila Mandal Meet" and organized a Women's Empowerment and Hygiene Awareness program in chhausha village. The team held an interactive session to inspire the talented women and girls, fostering in them the desire to pursue their passions and stand out. The women had prepared handlooms, decorative items and hand-woven attractions to show a glimpse of their talent.

The important part of interaction is based on, the need of using fresh sanitary towels and verifying the expiration date before use. The issue was discussed in details with them. From this session we also learn how hardworking and talented these women are, and how beautiful are their work pieces. The great participation of women from Dumehar and chhausha is quite encouraging for us.







Stuti Roy Student Co-ordinator

15日~

Dr. Gopal Singh Bisht Faculty Co-ordinator

Varun Chodha Student Coordinator

Dr. Saurav Faculty Co-coordinator

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

# National Cadet Corps Activity Name: Rally on Conservation of water & harvesting Date: - June 10, 2023 Venue: Shoghi, Shimla

Report:

National Cadet Corps, JUIT, Waknaghat organized a water harvesting activity in Shoghi. The activity was conducted under the supervision of faculty coordinator and the student coordinator of the NCC. In this activity, the NCC Cadets raised the concerning issue of water wastage and brought attention to adopting different techniques of water conservation and harvesting which included rainwater harvesting and minimizing the use of water to conserve it. They also campaigned in Shoghi with handmade posters which emphasized the importance of water conservation and rainwater harvesting.





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

# **National Cadet Corps**

Name of the Activity:

Integrated Approach to Sustainable Environmental Practices: Plastic Waste Management, A forestation and Water

Date: June 4, 2023

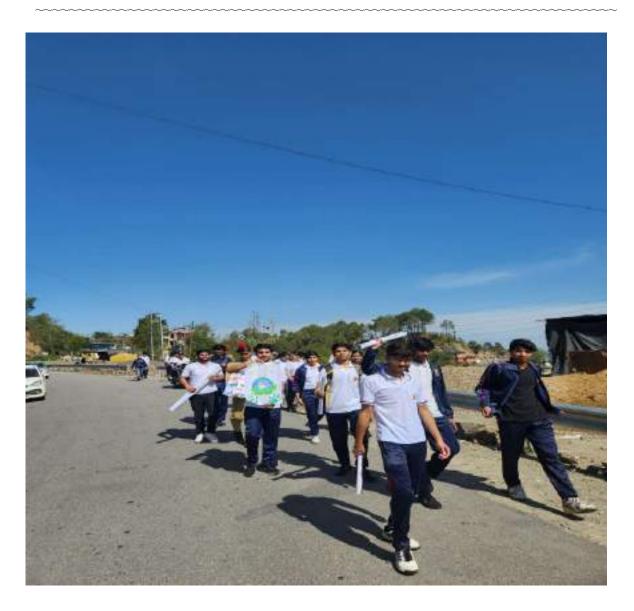
## Venue: Waknaghat and Dumehar, Solan

Harvesting: -

The National Cadet Corps (NCC) cadets of Jaypee University of Information Technology, Waknaghat, undertook a laudable initiative towards creating awareness and actively march a rally on plastic waste management, afforestation and water harvesting. Plastic pollution poses a significant threat to the environment, ecosystems, and human health. To tackle this issue, comprehensive plastic waste management strategies have been implemented. Planting native trees in deforested or degraded areas to restore ecosystems and combat deforestation. Ongoing efforts and the collaboration of communities, governments, and businesses are crucial for achieving long-term success in creating a healthier and more sustainable planet.







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

# National Cadet Corps Name of the Activity: "Plastic-Free India" Campaign Date: - May 20, 2023 Venue: Vicinity of JUIT Waknaghat

# **Report:**

On May 20, 2023, the National Cadet Corps (NCC) cadets of Jaypee University of Information Technology, Waknaghat, undertook a commendable initiative towards creating awareness and actively contributing to a "Plastic-Free India." The campaign aimed to address the growing environmental concerns associated with plastic pollution and promote sustainable practices among the university community and beyond.

The primary objective of the campaign was to raise awareness about the detrimental effects of plastic on the environment, wildlife, and human health. The NCC cadets aimed to encourage a shift towards ecofriendly alternatives and inspire responsible waste management practices.

The "Plastic-Free India" campaign by NCC cadets at Jaypee University of Information Technology, Waknaghat, was a resounding success in promoting awareness and action towards a sustainable and plastic-free environment. The active participation of the university community showcased the potential for collective efforts in addressing environmental challenges. This initiative not only left a lasting impact on the campus but also contributed to the broader goal of creating a cleaner and greener India.



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



# जेयूआईटी के एनसीसी कैडेट्स ने प्लास्टिक मुक्त भारत के लिए चलाया अभियान

संवरा न्युज/काम नई दिल्ली, 20 मई : जेपी सुचना प्रौहोगिकी विश्वविद्यालय के एनसीसी कैंडेदस ने प्लस्टिक मुक्त पाल, प्लस्टिक के बरे प्रधान और भविष्य के लिए प्लास्टिक प्रतिबंध विषय पर एक जगरूकता रैले निकाली। इस रैले का मख्य उद्देख लोगों में जगरूकत फैलाना है। इमारा देश अपने समुद्ध सांस्कृतिक विरासत और विविध परिदर्श्वों के लिए जना जाता है। वर्षे से प्लस्टिक के व्यक्त उस्तोर ने समरे कि मानव स्वास्थ्य को प्रथवित किया है।



PUNDAB Edition May 21, 2823 Fage No. 9 1 effettefet.com

पर्वावरण पर एक टोल लिया है, हमारे पर्गिधतिक तंत्र, कन जेका और वर्त तक को खत्म करने और एक स्थायी राष्ट के

अब भारत प्लस्टिक के हॉनिकारक प्रभावों लिए मार्ग प्रसाल करने के उद्देश्य में

ल्लास्टिक मुक्त भविष्य की दिश में माइसिक कदन उठा खा है। इसलिए जेपुअईटी, वाकनायाट में सीटीओ ज. अमित कमार जखड और एनसीसी कैडेट्स ने इस गतिबंधि की योजना बनाई। भारत सरकार ने सिंगल-कुळ प्लस्टिक, प्लस्टिक बेस्ट मैनेजमैंट हल्म, इनेवेशन एंड रिसर्च पर कुछ प्रमुख उपयों को तार करके फ्लास्टिक के उपयोग पर प्रतिबंध लगाने और इसे कम करने के लिए कई पहलों को लाग किता है।

## CONSTITUTION OF TASK FORCES FOR JUIT WAKNAGHAT

#### K/A: Prof. R.K. Sharma

20-07-2022 Total Pages: 03

Vice-Chancellor, JUIT Waknaghat

### Ref: Webinar cum Physical Session with Hon'ble Chancellor/Pro-chancellor Sir held on 25-06-2022 at JIIT Noida

#### Sub: Implementation of NEP-2020

Dear Sir,

- Please refer to the discussions held in the presentation meetings to Hon'ble Chancellor/ Pro-Chancellor, Shri Manoj Gaur Ji on Saturday (25/06/2022). It was decided that the task forces are to be constituted for all Jaypee Universities (JUs) to implement/ fulfil/ complete all the requirements by all JUs, as required in the New Education Policy (NEP) 2020. It was observed that little has been done so far in this respect. So a time bound work under monitored mode has to be carried out by each JU for its implementation.
- II. Firstly, the base document has to be created by each Jaypee University for each point (mentioned below at different places) containing as what is the current status of the University w.r.t. NEP 2020, what are the gaps for each requirement, which are required to be fulfilled within next 5 to 10 years, and how it will be done in a scheduled-phased manner. This may be further sub-divided on yearly basis, half-yearly basis and quarterly basis, so that the effective monitoring and mentoring can be done and implementation can be assured. The details are to be given in quantitative form for effective monitoring.
- The progress of work for the implementation of NEP 2020 will be monitored on a monthly basis by the respective VC, quarterly basis by Prof. S.C. Saxena and half-yearly basis by the Hon'ble Pro-Chancellor Sir.
- IV. It was decided to set up task forces for clubbing requirements in 5 to 6 groups. Following are composition of task forces for your University:

Task Force - 1

(i)	Prof. Rakesh Kumar Bajaj, Maths	Convenor
(ii)	Dr. Pradeep Kumar Gupta, CSE/IT	Member
(iii)	Dr. Ashok Kumar Nadda, BT/BI	Member
(iv)	Dr. Potukuchi Raghu Vamsi, CSE/IT (JIIT)	Member

#### Points to be covered by this Task Force

Point 1: More than 3000 or more students in a University by 2040.

Point 3: Classification – Research-intensive University or Teaching-intensive University or Teaching cum Research intensive University.

Point 5: All Universities including Deemed to be University, affiliating University or affiliating Technical University – shall be replaced simply by "University."

Point 8: 4-year Degree programme – leading to degree with "Research."

Point 12: Large number of international students.

Page 1 of 3

Point 14: Quality medical facilities for all students in institutions.

Point 15: Financial support to students.

Point 17: Admission process more inclusive.

Point 19: Campus disabled friendly.

Point 22: Institutional Development.

Point 29: Training and Incentive for Teachers.

#### Task Force - 2

(i)	Dr. Hemant Sood, BT/BI	Convenor
-----	------------------------	----------

(ii) Dr. Saurabh Rawat, CE Member

(iii) Mr. Sanjay Tewatiya, AR Member

(iv) Dr. Sangeeta Mittal, CSE/IT (JIIT) Member

Points to be covered by this Task Force

Point 2: University – Holistic Multi-Disciplinary institution of Higher learning.

Point 4: Integrated Education System.

Point 6: Imaginative and Flexible Course Structure.

Point 18: Curriculum – more inclusive.

Point 24: Technical Education - within multidisciplinary education institution.

#### Task Force – 3

(i)	Dr. Anupriya Kaur, HSS	Convenor
(ii)	Dr. Ragini Raj Singh, Physics	Member
(iii)	Dr. Sunil Datt Sharma, ECE	Member
(iv)	Dr. Vikas Malik, PMSE (JIIT)	Member

#### Points to be covered by this Task Force

Point 7: Projects in the areas of Community engagement and service, environmental education and value-based education.

Point 10: Move away from high-stake examinations towards continuous evaluation.

Point 13: Opportunities for participation in sports, culture/art clubs, activity clubs, community service projects, etc.

Point 21: Sensitization on gender identity issues.

Point 32: Laying down of standards.

#### Task Force - 4

- Prof. Ashish Kumar, CE Convenor
- Prof. Shruti Jain, ECE

Member

(iii) Dr. Ekta Gandotra, CSE

Member

(iv) Dr. Yashwant Kumar Modi, Mech. (JUET) Member

#### Points to be covered by this Task Force

Point 9: Setting up incubation centres, technology development centres, centres in frontier areas of research, greater Industry academic linkage, interdisciplinary research including humanities and social sciences.

Point 11: High quality support-centres and professional, academic, and career counselling.

Point 16: Latest educational technology in classrooms.

Point 25: Lead to prepare professionals in AI, 3-D Machining, Big data analysis, Machine learning, in addition to genomic studies, biotechnology nanotechnology, neuroscience with important applications to health, environment and sustainable living – to be woven into undergraduate education for enhancing employability of the youth.

Point 26: Use of on-line teaching Platforms and tools like SWAYAM, DIKSHA, etc.

Point 27: Content creation, digital Repositories and dissemination.

Point 28: Virtual Labs (DIKSHA, SWAYAM, SWAYAM-PRABHA, etc.)

Point 30: Online Assessment and Evaluation.

Point 31: Blended mode of learning.

#### Task Force - 5

- Prof. Karanjeet Singh, Maths Convenor
- Prof. P.B. Barman, Physics Member
- (iii) Prof. Sunil K. Khah, Physics Member
- (iv) Dr. Ajay Kumar, CSE (JUET) Member

Point to be covered by this Task Force

Point 23: NAAC accreditation, NBA Accreditation, NIRF Ranking.

#### NOTE:

- These task forces will start working w.e.f. 01-08-2022
- (ii) The online meeting will be conducted by me with all members of all task forces of all JUs (Date and schedule of meeting will be notified).
- (iii) All the Vice-Chancellors of all JUs will ensure regular and systematic working on all points to be covered by each task force and remain in touch with me to brief me about the progress of the work.
- (iv) Besides the scheduled review by the Hon'ble Chancellor/Pro-Chancellor, he will be informed about the overall progress of the work from time to time.
- (v) The Vice-Chancellor should send the copy of this note to all concerned of his University of different task forces and copy to me for my information.

Copy to:

Sh. Rajiv Srivastava Ji/ Sh. Subhash Rawat Ji – for the kind information of Hon'ble Chancellor/ Pro-Chancellor.

Page 3 of 3

Saxena)

1)11

Pro-Chancellor, JIIT Noida

# Visit of JNV Solan Girl Students under Vigyan Jyoti Programme (Friday, 7<sup>th</sup> October, 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, Waknaghat on Friday, 7<sup>th</sup> October, 2022. 104 students along with 4 teachers reached the campus at around 10:40 AM. Dr. Ekta Gandotra, Zonal Officer, Vigyan Jyoti Programme, welcomed them and spoke about career opportunities. They were then split into two groups and taken to different departments of JUIT, including Computer Science & Engineering and Information Technology, Biotechnology/Bioinformatics, Civil, Electronics and Communication, and Physics department.





They visited Computer Science & Engineering and Information Technology departments' labs to learn about the softwares and projects that JUIT students are working on. Mr. Rohit and Dr. Avani Vyas briefly introduced about the various parts of a computer system and computer configuration. Dr Avani Vyas also discussed about the various uses of computer and related job opportunities.



Dr. Jata Shankar and Dr. Shikha Mittal coordinated the visit of students to the department of Biotechnology and Bioinformatics. The students were made to visit different labs such as Plant Tissue Culture Lab by Dr. Hemant Sood; Bioinformatic lab by Dr. Shikha Mittal, and The Genomics lab by Dr.

Jata Shankar where they were informed about different biotechnological techniques and instruments along with facilities used for academic and research projects.



Lunch was served to all students and teachers at JUIT's Annapurna (Mess). They also enjoyed a round of the entire campus after lunch.





Dr. Sugandha and Mr. Chandrapal Gautam coordinated the visit of Civil department labs. The students 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 few lab tests of the Concrete and Environment Engineering labs.







The visit to the Electronics and Communication Engineering department was organised by Dr. Salman Raju Talluri and Mr. Kamlesh Kumar Srivastav. The students were made to visit the various labs, such as the Basic Electronics Lab, Advance Communication Lab, and Industrial Automation Lab etc. They performed an experiment on the measurement of electric power, voltage, current and kilowatt-hour in the Electrical Science Lab.



Visit to Physics lab was coordinated by Dr. Ragini Raj Singh and Mr. Kamlesh Mishra who interacted with the students, discussed various physics concepts and answered many exciting queries from the students. It is rightly said that "See & know' is better than 'read & learn' which was evident from their enthusiastic verbal feedback. They also demonstrated various optics experiments to the students.





Around 4:45 p.m., the students joyfully exited the campus.



## Visit of JNV Solan Girl Students under Vigyan Jyoti Programme

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, Waknaghat on Monday, 7<sup>th</sup> March, 2022. 100 students along with 5 teachers reached the campus at around 10:30 AM. 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.



They went to the Computer Science & Engineering and Information Technology departments' labs to learn about the softwares and projects that JUIT students are working on. They were also taken to JUIT's Technology Incubation and Entrepreneurship Development Cell (TIEDC), 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. They visited the departmental laboratories where they were informed about different biotechnological techniques and instruments along with facilities used for academic and research projects. The students had received an overview of Biotechnological and Bioinformatics aspects like Plant biotechnology, Microbiology, molecular techniques including PCR etc.



Lunch was served to all students and teachers at JUIT's Annapurna (Mess). They also enjoyed a round of the entire campus after lunch.



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 few lab tests of the Concrete and Environment Engineering labs.



The visit to the Electronics and Communication Engineering department was organised by Ms. Pragya Gupta. The students were made to visit the labs where they were given the brief idea about the recent technologies being used in the field of Electronics. They 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



Around 4:45 p.m., the students joyfully exited the campus.

