

Report on
National Science Day Celebrations
3rd National Science Day Symposium
(NSDS) - 2024



Department of Physics and Materials Science

Department of Biotechnology and Bioinformatics

Jaypee University of Information Technology (JUIT)
Solan, H.P., India

In Collaboration with
HIMCOSTE, the government of HP
Supported and Catalyzed by
NCSTC, DST, GoI



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Waknaghat, Solan, H.P.

Celebrating Month Long National Science Day (NSD)

Third National Science Day Symposium(NSDS)

06 - 28th February - 2024

Theme: “ Indigenous Technologies for Viksit Bharat”

“ विकसित भारत के लिए स्वदेशी तकनीकें ”

in collaboration with

Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)
Department of Environment, Science Technology & Climate Change, Govt. of H.P.

Offline Quiz Competition

Offline Research Poster Presentations

Offline Popular Talks

Important Attractions

Offline Poster Competition

Offline Model Competition

Teachers Workshop

Jointly Organized by:

Department of Biotechnology and Bioinformatics

Department of Physics and Materials Science

Supported & Catalyzed by

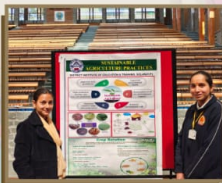
National Council for Science and Technology Communication (NCSTC), DST, GoI



Jaypee University of Information Technology

National Science Day (NSD) Celebrated at Jaypee University,
Waknaghat, Solan, H.P.

Through Third National Science Day Symposium



Tehsil Kandaghat, Distt. Solan 173234, (H.P)
Email: admission2024@juitsolan.in | www.juit.ac.in

3rd National Science Day Symposium (NSDS-2024)

in the honour of

Sir C.V. Raman

Nobel Laureate & Bharat Ratna



I am the master of my failure... If I never fail how will I ever learn.



Jaypee University of Information Technology (JUIT)
Waknaghat, Solan-173234, HP, India

National Science Day Symposium: NSDS-24
Date: 28-Feb-2024
Venue: Academic Block, JUIT, Waknaghat, Solan, HP

<p><u>Chief Patrons</u></p> <p>Sh. Jai Prakash Gaur Founder Chairman, Jaypee Group</p> <p>Sh. Manoj Gaur Executive Chairman, Jaypee Group</p> <p><u>Patron</u></p> <p>Prof.(Dr.) R. K. Sharma Vice Chancellor, JUIT</p> <p><u>Conveners</u></p> <p>Prof. Tiratha Raj Singh Dr. Ragini Raj Singh</p>	<p><u>Program Chairs</u></p> <p>Prof.(Dr.) P. B. Barman Head, Physics and Materials Science</p> <p>Prof.(Dr.) Sudhir Kumar Head, Biotechnology and Bioinformatics</p> <p><u>Last date of registration:</u> 22/02/2024</p> <p><u>Contact Nos. :</u> 9625643296 8091004695</p> <p><u>E-mail:</u> nsds@juitsolan.in</p>
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For Registration Click Here:
<https://forms.gle/5CYU17MHQUoJyqSi6>
(No Registration Fee)

Events

- = Popular lectures for school/ college students
- = Children's Science Congress
 - #Quiz competition in select schools
 - #Poster / Model competition on Science (School students: Class 6-12)
 - #Debate/Declamation
- = Poster/Model presentations for UG/PG/PhD students
- = Science and Technology workshop for Teachers



Prizes & Awards*:

First Prize: Rs. 3000/-
Second Prize: Rs. 2000/-
Third Prize: Rs. 1000/-

Certificates will be given to all the Participants

*Separate Prizes for Quiz and Poster/Model Competitions

National Science Day (NSD) Celebrations

National Science Day for the year 2024 was celebrated at Jaypee University of Information Technology (JUIT), Waknaghat, Solan with multifarious activities. This year the NSD activities were planned in an exclusive offline mode where poster and model presentation competitions were organized along with a special session of debate and declamation. One one-day workshop for school and college teachers was also organized in JUIT on recent technologies in Computer Science, Biotechnology and Bioinformatics. This event was jointly organized by the Department of Biotechnology and Bioinformatics and the Department of Physics and Materials Science. NSDS-2024 was convened by Prof Tiratha Raj Singh and Dr Ragini Raj Singh. Honourable Vice-Chancellor of JUIT Prof RK Sharma along with Dean (Academics and Research) Prof AK Gupta and Prof PB Barman, Head, PMS, inaugurated the event.

Participants from various schools, colleges and universities of Himachal Pradesh joined this event. Posters, models, debates and declamations were evaluated by the teams of learned judges from various departments of JUIT which includes Prof Vineet Sharma, Prof Jata Shankar, Dr Anil Kant, Dr Poonam Sharma, Dr Saurabh Srivastava, Dr Saurabh Bansal, Dr Surajit Hazra, Dr Ashok Nadda and Dr Santu Baidya. Popular lectures were delivered by Prof P B Barman and Prof Anupriya Kaur. The organization of this event was successfully supported by coordinators of various committees which include Dr Hemant Sood, Dr Rahul Shrivastava, Dr Nishant Jain and Dr Shikha Mittal. The students committee was coordinated by Mr Rahul Singh, PhD scholar from the PMS department.

This year the event was financially supported by HIMCOSTE, the government of HP along with JUIT and catalyzed by NCSTC, DST, government of India. It was technically sponsored by the Centre for Healthcare Technologies and Informatics (CEHTI), JUIT. The whole program was conducted by final year MSc Biotechnology students Sneha and Bishal. In addition to that, there were multiple activities organized by JUIT at various places during the last three weeks. Quiz competitions were organized in three different schools, St Lukes School, Solan, Government Sr Secondary School, Lalpani, Shimla, and Chapslee School, Shimla. Winners of these competitions were honoured with certificates of awards along with cash prizes. Model, poster, debate and declamation competition winners were also awarded with certificates and cash prizes. Winners for various competitions and in various categories were from St Lukes School, Solan; Loreto Convent School, Shimla; DAV School, Kandaghat; Chapslee School, Shimla; Tagore Vanasthali Public School, Kasauli; Government Sr Secondary School, Lalpani, Shimla; DWPS, Kandaghat; DIET, Solan; COE Government College, Sanjauli, Shimla; Government College, Solan; Bahara University, Wagnaghat etc.

A One Day Workshop was organized by JUIT in collaboration with Rajkiya Kanya Mahavidyalaya (RKMV) Longwood, Shimla, (HP). Another one-day workshop was organized at Khalsa College, Patiala. One Career counselling session along with a science day celebration was made at Government College Sunni. Many other schools and colleges were visited by JUIT faculty members for National Science Day awareness and its importance and career counselling sessions for the students. Details of all the activities organized for NSD are mentioned below along with their respective photographs and press coverage on various print and digital media platforms:

Activities Organized during 6-28 February 2024 for National Science Day

(A) Organization of diverse activities for the promotion of Science:

(i) Quiz conducted in multiple schools

Quizzes are a great way to increase students' knowledge through competition. The quiz competition consisted of multiple-choice questions (MCQs). The quizzes have the inclusion of questions from different topics of Science. Quizzes were organized in various schools during February, 2024 where a team of JUIT faculty members visited to organize the quizzes on Science. JUIT faculties have also interacted with the school students for science awareness in young minds. Quizzes were organized in Government Model Boys Senior Secondary School, Lalpani, Shimla (20-02-2024); Chapslee School, Shimla (22-02-2024) and St. Lukes School, Solan (20-02-2024), where more than 250 students took part in the quiz competition. Attractive prizes have been awarded for the poster and model-making competition to motivate the participating school/college/university students and to ignite young minds.

On 20 Feb. 2024, Dr Udaybanu and Prof. Jata Shankar interacted with 10+2 students (Biology & Maths) at St Luke's School, Solan and conducted a quiz on the occasion of National Science Day. Following the quiz, the faculty in charge, Mrs Asha Sharma, coordinated the interaction with the students along with various career opportunities after 10+2 in JUIT, and abroad. B. Tech in Biotechnology, Bioinformatics, ECE, AI and ML were highlighted as per students' interests. The principal, St Luke's, showed great interest in the event and suggested that students should visit a world class institution in their vicinity i.e. JUIT.

St. Lukes School, Solan





GMBSSS, Lalpani Shimla



Chapslee School, Shimla



National Science Day Symposium (NSDS) – 2024

Declaration of the results of the quiz conducted in the offline mode

The committee members have decided the winners for the quiz conducted in the offline mode as per the following details:

1. First position Tie:

(1) Vaibhav Shukla

Class-XII

St. Luke's School, Solan, H.P.

(2) Arhan Sharma

Class-XII

St. Luke's School , Solan, H.P.

2. Second position:

Kanishk Chauhan

Class-XII

Government Model Boys Senior Secondary School, Lalpani, Shimla,
H.P.

3. Third position:

Sneha Dogra

Class-XII

Chapslee School, Shimla

(ii) Organization of science workshops in multiple colleges:

• Joint Workshop on Molecular and Plant Tissue Culture Techniques with JUIT at RKMV, Shimla on 20th Feb., 2024

The Department of Biotechnology and Bioinformatics, JUIT organized a Joint Workshop on Molecular and Plant Tissue Culture Techniques at RKMV, Shimla for 82 students of B.Sc (Biotechnology, Microbiology, Zoology, and Botany). Dr Hemant Sood (Associate Professor, BT & BI) and Ms Kartik S.M. Chauhan, HoD Zoology (Associate Professor) were the coordinators of the workshop. The inaugural session was spectacularly conducted by Ms. Kartik and her dedicated team of students. Dr. Anurita Saxena, Principal RKMV motivated the participants with her dynamism and extended gratefulness towards the Honourable VC, JUIT Prof. RK Sharma, HoD Prof. Sudhir Kumar for sowing the seeds of collaborations between the two Institutes in 2022 and organizing many activities so far. Workshop sessions were stated as per the mentioned schedule where Dr Hemant Sood, Associate Professor (BT & BI) took a session on Plant tissue culture by demonstrating the techniques and providing short notes. Dr Jitenderaa Vashistt, Associate Professor (BT & BI) took a session on Molecular Techniques by demonstrating all the basics to the students in quite detail. The successful culmination of the workshop happened after collecting feedback from participants. Mr. Bhagwati Charan, Associate Professor Botany gave the vote of thanks to all the organizers, JUIT administration, staff, research scholars, faculty members, and students who are deeply acknowledged for their unconditional support. Dr Hemant Sood extended gratefulness to the authorities of both institutes for the collaborative workshop and especially to the team of RKMV students for their dedication and splendid deep-rooted culture.





- A one-day workshop was organized at Khalsa College, Patiala. Prof. Jata Shankar and Dr Hemant Sood along with lab staff and PhD students of JUIT conducted a workshop on plant tissue culture and molecular biology techniques.



The poster features a collage of images including the logos of Khalsa College, Patiala and Jaypee University of Information Technology (JUIT), Waknaghat, Solan. The background shows a modern building, likely the Khalsa College, and a traditional Indian temple structure. The text is overlaid on a dark blue diagonal banner.

JOINT WORKSHOP ON
MOLECULAR & PLANT
TISSUE CULTURE
TECHNIQUES

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

PATRON
Vice Chancellor, JUIT, Solan
 Prof. R.K.Sharma
Principal, Giani Shivdev Singh Dewan Gurbachan Singh Khalsa College, Patiala, Punjab
 Dr. Dharminder Singh Ubha
HOD, BT & BI, JUIT, Solan
 Prof. Sudhir Kumar

Convener
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 Associate Professor, Department of Biotechnology & Bioinformatics, JUIT, Waknaghat, Solan (H.P.)
 Phone No. 01792-239274
 Email Id: hemantsood@juit.ac.in
Dr. Nipunjot Kaur
 Associate Professor and Head,
 Department of Biotechnology,
 Giani Shivdev Singh Dewan Gurbachan Singh Khalsa College, Patiala, (Punjab)
 Phone No. 0175-2215835
 Email Id: nipunjotsoni@gmail.com

Resource Persons
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 jata.shankar@juitsolan.in
 (Mob) 9882628534
(Session on:- Molecular Techniques)
Dr. Hemant Sood, Associate Prof.
 hemant.sood@juitsolan.in
 (Mob) 8076035143
(Session on :- Plant Tissue Culture Techniques)

Target Audience
 Students of Biotechnology, Zoology, Botany and Agriculture

DATE & TIME
 27th February, 2024
 Time: 10:00 AM - 4:00 PM
<https://www.juit.ac.in/biotechnology-bioinformatics>



- One Career counselling session along with a science day celebration was made at Government College Sunni on 28-02-2024, where Prof. Sudhir Kumar and Dr Jitendraa Vashishtt gave lectures and also counselled students on various career opportunities.



(iii) Organization of Polytechnic Colleges Outreach Activity and Career Counseling Programme At Hamirpur and Kangra area, H.P. (15th Feb. to 17th Feb. 2024)

An outreach and career counseling activity for Polytechnic college students was carried out by Jaypee University of Information Technology, Waknaghat from 15 Feb. 2024 to 17 Feb. 2024. The Department of Computer Science & Engineering, Civil Engineering and Electronics and Communication Engineering have participated in this activity. Prof. Vivek Kumar Sehgal, Mr Kaushal Kumar, Dr Harsh Sohal and Mr Praveen Kumar visited Hamirpur and Kangra area Polytechnic colleges to guide the students for their future education and career plans. The Team has also showcased the video of the university to the students. The total number of student's strengths in these colleges with whom these interactions were made was approx 400+.

Students were counseled about various options available after their diploma course. Students were informed about various recent developments in technologies where they can play an important role in the growth and development of the state as well as our country. Students were informed about engineering courses available after their diploma course at JUIT and were also sensitized about the prospects in these engineering streams such as Computer Science and Engineering, Civil, Electronics and Communication Engineering and Information Technology along with current trends in Data Mining, Machine Learning, Deep Learning, Artificial Intelligence and Drone Technologies etc. List of Polytechnic Colleges covered:

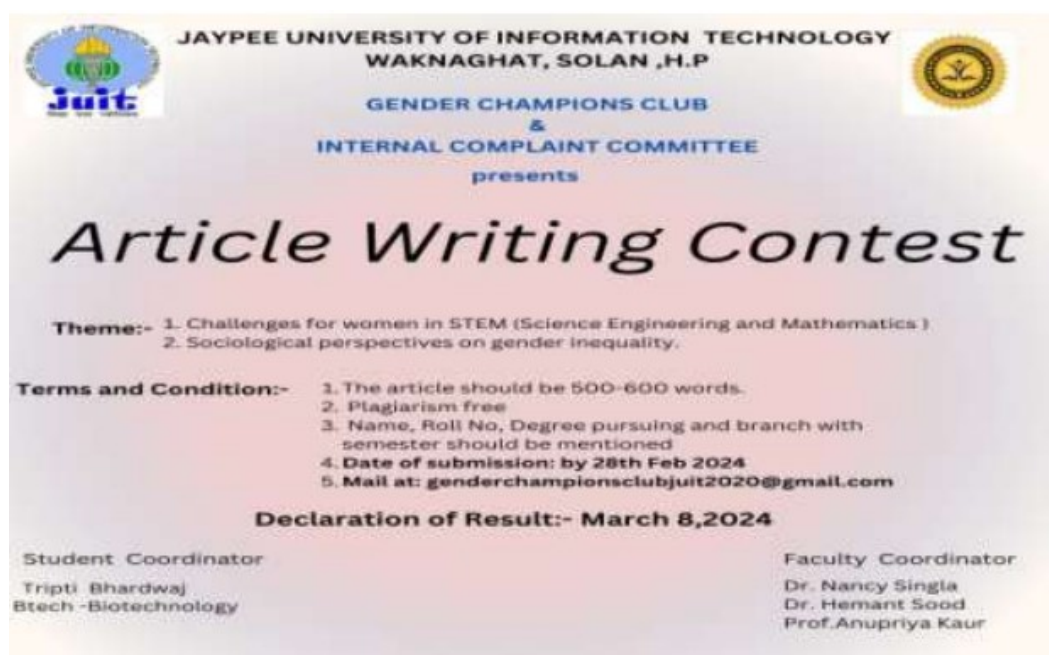
1. Govt. Polytechnic College, Hamirpur
2. Govt. Polytechnic College, Talwar
3. Govt. Polytechnic College, Kangra
4. Govt. Polytechnic College for Women, Rehan





(iv) Article Writing Competition 2024

To enhance and showcase the activities of Mathematics and Science, The Gender Champions Club (GCC) and Internal Complaint Committee (ICC) have organized an article writing competition on topic “Challenges for women in STEM and Sociological Perspective on gender inequality” on the occasions of International Women Day and National Science Day, from 12th Feb 2024 to 28th Feb 2024. There were more than 20 entries. The team of experts shortlisted the candidates for the first, second and third position as per the applied terms and conditions which have advertised to all the participants by mail. The result declared on 4th March, 2024 and informed via mail to all the candidates and the position holders are asked to get their awards on 6th March 2024 on the occasion of celebrating International Women’s day. Prof. Anupriya Kaur (Chairperson ICC), Dr Hemant Sood (Nodal Officer GCC), Dr Nancy Singla (Nodal Officer GCC) along with Tripti Bhardwaj (Student coordinator GCC) and students team organized the event. Flyer carrying all details and result sheet have mentioned for the information.



(B) Organization of Third National Science Day Symposium (NSDS):

The third edition of NSDS - 2024 was organized on February 28, 2024, with collective participation from Schools, Colleges, Institutions, Universities and JUIT students and faculty members. It includes majorly the following components:



(i) Expert, Plenary and Popular lectures for School/College/University students:

Public and popular lectures have been effective methods of addressing people in general. Therefore, at the commencement of National Science Day, popular lectures on a topic in coordination with this year's theme “Indigenous Technologies for Viksit Bharat” and other topics of current interest were organized as follows:

- (1) **Equal Opportunity through Science and Technology** by Prof.(Dr.) Anupriya Kaur
- (2) **Current trends in Science: Nanotechnology** by Prof. (Dr.) P. B. Barman, HoD, Department of Physics and Materials Science
- (3) **Introducing forensic science to students and faculties** by Dr. Rajesh Verma Retd. Director Forensic Science Laboratory-Junga Shimla-H.P.

These keynote lectures were very imperative to demonstrate the importance of Science given by a distinguished senior professors from JUIT. More than 150 Students from Himachal Pradesh schools/colleges attended this event along with 200 faculty, staff and students of JUIT. Some photographs of the event are as follows:





(ii) Children's Science Congress and Science exhibition based on themes and concepts, including posters and model presentations:

Children's Science Congress was the major attraction this year. National Science Day is celebrated to realize and appreciate the accomplishments and participation of individuals in Science and Technology. Therefore, National Science Day turned into the finest day to promote aspiring innovators and young minds to demonstrate their talent through science projects in various forms. Students presented innovative models and demonstrated them. Science exhibitions revealed various science projects from multiple academic institutes in one place and helped make students aware of the importance of Science and Technology. Topics of Science for the exhibition were ***“Indigenous Technologies for Viksit Bharat”***. Poster presentations will also be invited from College/University UG, PG and PhD students. Poster-making competitions were organized to extend awareness about Science and Technology. School students made posters on the themes and concepts. This presentation exhibited the creativity and knowledge of the students about the subject and enhanced their presentation skills. Attractive prizes have been awarded for the poster and model-making competition to motivate the participating students and to ignite the young minds of India for a better and sustainable future. Schools that participated in this event were DAV School, Kandaghat, St. Lukes School, Solan; DWPS, Kandaghat, Solan; Tagore Vanasthali Public School, Kuthar, Solan; MRA DAV School, Solan; Sai Ram

International School, Nalagarh; Chapslee School, Shimla; Loreto convent, Tara Hall, Shimla. DIET, Solan; COE Government College, Sanjauli, Shimla; Government College, Solan; Bahara University, Wahnaghat etc. More than 150 Students from Himachal Pradesh schools/colleges/institutes/universities attended this event.











(iii) Declamation and debates:

Through declamations and debates, students' knowledge can be enhanced on a particular topic by direct communication between two teams or two individuals. Furthermore, each group or individual has to prove why they are correct by proposing logical arguments based on facts and statistics. The declamation and debates section of the Science Day celebration was a great success. About 50 students took part in this competition from several schools. Schools that participated in this event were DAV School, Kandaghat, St. Lukes School, Solan; DWPS, Kandaghat, Solan; Tagore Vanasthali Public School, Kuthar, Solan; MRA DAV School, Solan; Sai Ram International School, Nalagarh; Chapslee School, Shimla; and Loreto convent, Tara Hall, Shimla. Students from classes 6-12 took part in this. The topic of the declamation and debate was around the theme **“Indigenous Technologies for Viksit Bharat”**. Students presented their thoughts with concept, clarity and ideas in such a way that it made it difficult to judge the students by jury members. Other than the winners jury selected 4 students for the consolation

prizes. Through declamations and debates, students' knowledge can be enhanced on a particular topic by direct communication between two teams or two individuals. Furthermore, each group or individual has to prove why they are correct by proposing logical arguments based on facts and statistics. Some photographs of the event are as follows:





National Science Day Symposium (NSDS) - 2024
Declaration of the results of the Poster/Model/Declamation/ Debate
competitions conducted in offline mode for school students

The committee members have decided the winners for the **Poster/Model/Declamation/Debate competitions** conducted in an offline mode as per the following details:

Category A: School Posters (class 6-8): Cash prizes and award certificates

1. First position: **Dhriti**
School- Tagore Vanasthali Public School
2. Second position: **Vanshika**
School- Tagore Vanasthali Public School
3. Third position: **Naman Sharma**
School- Tagore Vanasthali Public School

Category B: School Posters (class 9-12): Cash prizes and award certificates

1. First position: **Sanvi Goyal, Yamnika, Sanvi rathore**
School- Loreto Convent , Shimla
2. Second positiontie: **(1) Ananya, Riya, Vanshika, Snigdha**
School- Loreto Convent , Shimla

(2) Anshika Kanwar

School- Tagore Vanasthali Public School

3. Third position:

(1) Priyamvada Raj Singh

School- Chapslee School, Shimla

(2) Arshil Roach

School- Chapslee School, Shimla

Category C: School Models: Cash prizes and award certificates

1. First position:

Kashish and Gaurav

School- DAV School, Kandaghat

2. Second position tie:

(1) Aastha Tahkur and Raaga Vats

School- Delhi World public School, Kandaghat

(2) Amani Man Sharma and Dhruv Attri

School- Delhi World public School, Kandaghat

3. Third position:

Saksham

School- Tagore Vanasthali Public School

Category D: School Declamation/Debate: Cash prizes and award certificates

1. First position:

Bhawani Pratap Singh

School- Tagore Vanasthali Public School

2. Second position tie:

(1) Swastika

School- MRA, DAV Public School, Solan

(2) Diya Sharma

School- Loreto Convent, Shimla

3. Third position:

(1) Pranav Walis

School- St. Lukes Senior Secondary School, Solan

(2) Ridhima

School- Tagore Vanasthali Public School

4. Consolation Prize:

(1) Ritwik

School- Tagore Vanasthali Public School

(2) Aayra

School- Sai Ram International School, Manguwal, Nalagarh

(3) Aman

School- Chapslee School, Shimla

(4) Mannat parihar

School- Loreto Convent , Shimla

National Science Day Symposium (NSDS) - 2024
Declaration of the results of the Poster/Model competitions for UG-PG-PhD
students conducted in offline mode

The committee members have decided the winners for the **Poster/Model competitions** conducted in an offline mode as per the following details:

UG-PG: Award certificates and cash prize

1. First position:

Abhishek

College/University- Bahara University, Wagnaghat, Solan

2. Second position:

Ashish

College/University- DIET, Solan

3. Third position tie:

(1) Kanchan Sharma

College/University- COE Sanjauli, Shimla

(2) Kashish

College/University- Govt. Degree College, Solan

4. Consolation Prize:

Priyanshu

College/University- Bahara University, Wagnaghat, Solan

(iv) Workshop for Teachers

A special one-day workshop for the school/college teachers was another special feature of this year's NSDS-2024 event. The main purpose is to sensitize science teachers to various engineering domains and their applications in real-life situations. This workshop is with an expectation that if teachers are aware of it, they can communicate a similar message to their respective students. Two parallel workshops with hands-on activities were organized:

(1) Artificial Intelligence, Data Science, Machine Learning, Internet of Things

(2) Recent advancements in Physics including Nanotechnology and Materials Science, Biotechnology, Bioinformatics, Microbiology were the major highlights of the workshop. One Special lecture for teachers on NEP in science education was also organized and the lecture was delivered by Prof.(Dr.) Rakesh Bajaj, HoD, Department of Mathematics. Some photographs of the event are as follows:





(v) JUIT Campus Visit

All the external participants which include school/college students and teachers joining the events, were given a full campus tour, including departmental course labs, research labs, library, classrooms and other existing facilities of JUIT.





No need to mention that JUIT is one of the pioneer Universities in Himachal Pradesh and all the Northern parts of India in organizing and celebrating science at different levels through various activities. Activities with improved passion will be organized next year also.

Press Releases

जेपी विश्वविद्यालय में मनाया राष्ट्रीय विज्ञान दिवस



सवेरा न्यूज/कास.

नई दिल्ली, 29 फरवरी : वर्ष 2024 का राष्ट्रीय विज्ञान दिवस जेपी सूचना प्रौद्योगिकी विश्वविद्यालय (जेयूआईटी) वाकनाघाट सोलन में विविध गतिविधियों के साथ मनाया गया। इस वर्ष एनएसडी गतिविधियों की योजना एक विशेष ऑफलाइन मोड में बनाई गई थी, जहां वाद-विवाद और भाषण के एक विशेष सत्र के साथ-साथ एक पोस्टर और मॉडल प्रस्तुति प्रतियोगिता करवाई थी। जेयूआईटी में कंप्यूटर विज्ञान, जैव प्रौद्योगिकी और जैव सूचना विज्ञान की नवीनतम तकनीकों पर स्कूल और कॉलेज के शिक्षकों के लिए एक दिवसीय कार्यशाला

लगाई। ये कार्यक्रम जैव प्रौद्योगिकी और जैव सूचना विज्ञान विभाग और भौतिकी और सामग्री विज्ञान विभाग द्वारा संयुक्त रूप से आयोजित किया गया है। आयोजन प्रोफेसर तीर्थ राज सिंह और डॉ रागिनी राज सिंह द्वारा किया गया था। जेयूआईटी के माननीय कुलपति प्रोफेसर आर के शर्मा ने डीन (शैक्षणिक और अनुसंधान) प्रोफेसर ए के गुप्ता के साथ कार्यक्रम का उद्घाटन किया। कार्यक्रम में हिमाचल प्रदेश के विभिन्न स्कूलों, कॉलेजों और से प्रतिभागी शामिल हुए। जेयूआईटी के विभिन्न विभागों के विद्वान न्यायाधीशों की टीमों द्वारा पोस्टर, मॉडल, वाद-विवाद और उद्घोषणा का मूल्यांकन किया गया।

शिमला, शुक्रवार, 1 मार्च, 2024

जेपी यूनिवर्सिटी में वाद-विवाद और भाषण पर लगा विशेष सत्र



दिव्य हिमाचल ब्यूरो-सोलन

जेपी सूचना प्रौद्योगिकी विश्वविद्यालय (जेयूआईटी) वाकनाघाट सोलन में राष्ट्रीय विज्ञान दिवस विविध गतिविधियों के साथ मनाया गया। इस वर्ष एनएसडी गतिविधियों की योजना एक विशेष आफलाइन मोड में बनाई गई थी जहां वाद-विवाद और भाषण के एक विशेष सत्र के साथ-साथ एक पोस्टर और मॉडल प्रस्तुति प्रतियोगिता आयोजित की गई।

विश्वविद्यालय में कंप्यूटर विज्ञान, जैव प्रौद्योगिकी और जैव सूचना विज्ञान की नवीनतम तकनीकों पर स्कूल और कालेज के शिक्षकों के लिए एक दिवसीय कार्यशाला का भी आयोजन किया गया। यह कार्यक्रम जैव प्रौद्योगिकी और जैव सूचना विज्ञान विभाग, भौतिकी और सामग्री विज्ञान विभाग द्वारा संयुक्त रूप से आयोजित किया गया। एनएसडीएस-2024 का

आयोजन प्रो. तीरथ राज सिंह और डा. रागिनी राज सिंह द्वारा किया गया। जेयूआईटी के कुलपति प्रो. आरके शर्मा ने डीन (शैक्षणिक और अनुसंधान) प्रो. एके गुप्ता के साथ कार्यक्रम का उद्घाटन किया। इस कार्यक्रम में विभिन्न स्कूलों, कालेजों और विश्वविद्यालयों से प्रतिभागी शामिल हुए। जेयूआईटी के विभिन्न विभागों के संकाय सदस्यों ने बतौर निर्णायक पोस्टर, मॉडल, वाद-विवाद और उद्घोषणा का मूल्यांकन किया। इनमें प्रो. विनीत शर्मा, प्रो. जटा शंकर, डा. अनिल कांत, डा. पूनम शर्मा, डा. सौरभ श्रीवास्तव, डा. सौरभ बंसल, डा. सुरजीत हाजरा, डा. अशोक नड्डा और डा. संतु वैद्य शामिल थे। इसके अतिरिक्त पिछले तीन सप्ताह के दौरान जेयूआईटी द्वारा विभिन्न स्थानों पर क्विज प्रतियोगिताएं, पोस्टर मेकिंग, मॉडल मेकिंग, वाद-विवाद और अन्य गतिविधियों का आयोजन किया गया।

Khalsa College Patiala Celebrates National Science Day

PT News
Patiala, February 28

PunjabTimes Special

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



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

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

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

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सुनी कॉलेज में मनाया राष्ट्रीय विज्ञान दिवस

महेन्द्र कुमार, सुनी 29 फरवरी: अटल बिहारी वाजपेई महाविद्यालय सुनी जिला शिमला हिमाचल प्रदेश की विज्ञान सोसायटी ने राष्ट्रीय विज्ञान दिवस मनाया। इस कार्यक्रम में महाविद्यालय के प्राचार्य डॉ. आर. एल. शर्मा ने बतौर मुख्यातिथि शिरकत की तथा उपस्थित प्रतिभागियों को संबोधित करते हुए उन्होंने राष्ट्रीय विज्ञान दिवस के महत्व पर प्रकाश डाला। सिद्धांत सम्मानित अतिथियों को उनके बहुमूल्य समय और छात्रों में वैज्ञानिक सोच विकसित करने के लिए भी धन्यवाद दिया। इस अवसर पर दो प्रतिष्ठित व्यक्तित्व, जैव प्रौद्योगिकी और जैव सूचना विज्ञान विभाग, जेपी विश्वविद्यालय, वाकनाघाट, सोलन, हिमाचल प्रदेश के प्रोफेसर सुधीर कुमार और डॉ. जितेंद्र वशिष्ठ ने सम्मानित अतिथि के रूप में कार्यक्रम में भाग लिया। विज्ञान संकाय से जुड़े दोनों बौद्धिक व्यक्तियों ने रिसोर्स पर्सन के रूप में अपना व्याख्यान दिया। प्रोफेसर सुधीर कुमार ने अपने संबोधन में छात्रों को विभिन्न स्नातकोत्तर प्रवेश परीक्षाओं और पाठ्यक्रमों के बारे में जागरूक किया, जिन्हें वे स्नातक होने के बाद हासिल कर सकते हैं और छात्रों को अध्ययन के दौरान निराश हुए बिना अपने अध्ययन भार का प्रबंधन कैसे करना चाहिए। इस अवसर पर डॉ. जितेंद्र वशिष्ठ ने उन प्रख्यात भारतीय वैज्ञानिकों को याद किया जिन्होंने अपना पूरा जीवन वैज्ञानिक आविष्कार के लिए समर्पित कर दिया, उन्होंने छात्रों को इन वैज्ञानिक व्यक्तियों को अपना आदर्श बनाने और उनके जीवन से सीखने के लिए भी प्रेरित किया। इस अवसर पर महाविद्यालय के सभी शैक्षणिक एवं गैर शैक्षणिक संकाय उपस्थित थे। इस कार्यक्रम के दौरान डिजिटल साइंस क्विज़ और वर्किंग साइंस मॉडल प्रतियोगिताएं आयोजित की गईं। प्रश्नोत्तरी प्रतियोगिता में बी.एस.सी. प्रथम वर्ष के छात्र आदित्य, आरती और स्नेहल (होमी जे. भाभा) की टीम प्रथम रही और बी.एस.सी. तृतीय वर्ष की छात्रा देवयानी, विवेक और मनीष (आर्यभट्ट) की टीम द्वितीय स्थान पर रही, जबकि विज्ञान मॉडल प्रतियोगिताओं में बी.एस.सी. द्वितीय वर्ष की कृतिका व निक्षिता की टीम प्रथम तथा टीम जागृति व कशिश द्वितीय स्थान पर रही।

Links for WEB Media Channels

- (1)<https://himachaltonite.com/himachal/jaypee-university-shines-bright-with-grand-celebrations-of-national-science-day-2024/>
- (2) <https://shikharnewsindia.com/archives/3303>
- (3)<https://crazynewsindia.com/breaking-news-flash-news/solan-juit-celebrates-national-science-day/>

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