



JUIT

IEEE Student Branch



JUIT IEEE STUDENT Branch Chapter



A NEWSLETTER OF JUIT

Hilly Ramblings

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Jaypee University of Information Technology, Waknaghat

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PATENTS

Patents Filed:

- **Title: “System and Method for Intelligent Drone-Based FSM Deployment and Retrieval Using Localization and Visual Servoing ”**
Inventors: Devank Kansal, Manik Kapoor, Aaditya Dudeja, Divya Prakash Srivastav, Vikas Baghel, Shruti Jain, Aman Sharma, Pardeep Garg
Application Number: 202611062283
Date: May 15, 2026
 - **Title: “A Method and System for AI-Driven Bio Reactive Composting with Predictive Nutrient and Microbial Control”**
Inventors: Abhinandit Singh Saunkhla, Aman Sharma, Ruchi Verma, Somya Soni and Aditya Soni
Application Number: 202611065688
Date: May 25, 2026
-

ALUMNI UPDATES

- Arushi Khokar (B.Tech CSE, 2023) Master’s in Robotics, King’s College London, UK. Current Role: Robotics Engineer, Telexistence Inc. LinkedIn: [linkedin.com/in/arushikhokhar](https://www.linkedin.com/in/arushikhokhar)
 - Raghav Verma (B.Tech CSE, 2023) Master’s in Business Analytics, UCD Smurfit School of Business Current Role: Software Developer, Allied IrishBanks (AIB). LinkedIn: [linkedin.com/in/raghavverma4](https://www.linkedin.com/in/raghavverma4)
 - Harshul Choudhary (B.Tech CSE, 2023), Master’s in Data Science, Universität Trier, Germany. Current Role: DevOps Engineer, Emerson LinkedIn: [linkedin.com/in/harshulchoudhary](https://www.linkedin.com/in/harshulchoudhary)
 - Prikshit Thakur (B.Tech CSE, 2023) Master of Business Information Systems, University of Canterbury, New Zealand. LinkedIn: [linkedin.com/in/prikshit-thakur-b626551b4](https://www.linkedin.com/in/prikshit-thakur-b626551b4)
 - Hiteshwar Singh (B.Tech CSE, 2023), Master’s in Computer Science, Stony Brook University, USA. Current Role: Co-founder, Genios AI. LinkedIn: [linkedin.com/in/hiteshwarsingh1](https://www.linkedin.com/in/hiteshwarsingh1)
 - Purav Vashist (B.Tech CSE, 2023) Master’s in Project Management, Northeastern University Certification: Certified Associate in Project Management (CAPM)®. LinkedIn: [linkedin.com/in/puravvashist](https://www.linkedin.com/in/puravvashist)
 - Saksham Goel (B.Tech CSE, 2021) Current Role: Web Developer, University of Florida-IFAS, USA. LinkedIn: [linkedin.com/in/goel-saksham](https://www.linkedin.com/in/goel-saksham)
 - Nikhil Nagpal (B.Tech CSE, 2021) Current Role: Software Development Engineer 1, Amazon. LinkedIn: [linkedin.com/in/nikhil-nagpal-10480b158](https://www.linkedin.com/in/nikhil-nagpal-10480b158)
 - Ravi Bhushan Singh (B.Tech CSE, 2021) Current Role: Technology Analyst, Infosys. LinkedIn: [linkedin.com/in/singhravibhushan](https://www.linkedin.com/in/singhravibhushan)
 - Ujwal Gupta (B.Tech CSE, 2021) Current Role: Software Engineer, Broad Institute of MIT and Harvard. LinkedIn: [linkedin.com/in/ujwal1](https://www.linkedin.com/in/ujwal1)
-

Ph.D. COMPLETED

Muskan Kapoor (Mathematics-2226852) successfully defended her Ph.D. thesis on May 04, 2026.

Title: Multi-Objective Optimization Problems Using Soft Computing Techniques

Supervisors: Dr. Bhupendra Kumar Pathak and Dr. Rajiv Kumar

RANKINGS

THE WEEK
RANKS JUIT

No.1
IN
HIMACHAL
AMONGST
PRIVATE
MULTIDISCIPLINARY UNIVERSITIES

21st NORTH ZONE
MULTIDISCIPLINARY UNIVERSITY

29th NORTH ZONE
PRIVATE & DEEMED
MULTIDISCIPLINARY UNIVERSITY

51st ALL INDIA
PRIVATE & DEEMED
MULTIDISCIPLINARY UNIVERSITY

7807673100 | admissions@juitsolan.in | admissions.juit.ac.in

NAAC GRADE A+ | JAYPEE GROUP | IGNITED MINDS INSPIRED SOULS

Outlook
ICARE Rankings 2026

A Legacy of *Excellence*
A Future of Impact

JUIT RANKED **23rd**
AMONG
TOP 50
STATE PRIVATE UNIVERSITIES IN INDIA

Outlook
ICARE Rankings 2026

A MARK OF
EXCELLENCE

JUIT RANKED **6th**
AMONG
TOP 15
PRIVATE TECHNICAL UNIVERSITIES IN INDIA

ADMISSION BROCHURE 2026-27



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

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INNOVATION RISING FROM THE HIMALAYAS

WHERE IDEAS TRANSFORM INTO GLOBAL SOLUTIONS

At JUIT, we nurture curiosity, fuel innovation and drive research that creates impact for society and the world.

OUR RANKINGS:

THE WEEK RANKED 1 IN HP IN PRIVATE AND MULTIDISCIPLINARY UNIVERSITY

THE RANKED AMONG THE WORLD'S LEADING UNIVERSITIES

QS RANKED AMONG ASIA'S TOP UNIVERSITIES

93 FUNDED RESEARCH PROJECTS

52 PATENTS GRANTED
(29 UTILITY + 23 DESIGN)

70 PATENTS PUBLISHED

GLOBAL RESEARCH COLLABORATIONS

NAAC
ACCREDITED
GRADE A



**Ramanujan Universe-
A High Performance
Super Computer**



**Digital Learning
Centre (DLC)**



**VLSI Fabrication &
Characterization
Lab**



Apple Lab



Robotics Lab

RESEARCH & INNOVATION ECOSYSTEM



ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Building intelligent systems for a smarter tomorrow



BIOTECHNOLOGY & BIOINFORMATICS

Pioneering research in genomics, computational biology, drug discovery etc.



HEALTHCARE & BIOMEDICAL RESEARCH

Advancing research in Alzheimer's, Cancer, Diabetes and other critical diseases



ROBOTICS, IoT & CYBER SECURITY

Engineering secure, connected and autonomous solutions



SUSTAINABILITY & GREEN TECHNOLOGIES

Innovating for a cleaner, greener and sustainable planet through nanotechnology



ENTREPRENEURSHIP & INNOVATION

From ideas to startups - building tomorrow's leaders

Limited Seats Available, Hurry up!

OUR PROGRAMS

BTech

- Artificial Intelligence & Machine Learning
- Artificial Intelligence & Data Science
- Computer Science and Engineering & Specializations
- Electronics and Communication Engineering
- Electronics Engineering (VLSI Design and Technology)
- Information Technology
- Civil Engineering
- Bioinformatics
- Biotechnology
- Mathematics and Computing

BBA

- Business Analytics
- Marketing
- Finance
- HR

BCA

- Artificial Intelligence & Machine Learning
- Artificial Intelligence & Data Science

BSc (Forensic Science)

MSc

- Biotechnology
- Microbiology

MTech

- Biotechnology
- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering

MBA

- HR Management
- Financial Management
- Marketing Management
- Information Technology and Business Analytics
- Fintech

Phd

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Join Us



HIMTREK CAMPS (I &II) 2026: FOSTERING ADVENTURE, LEADERSHIP AND NATIONAL INTEGRATION

JUIT hosted two prestigious HIMTREK Camps for the 1 HP Girls Battalion NCC, Solan in June 2026. The first camp was held from June 5 to June 12, 2026 and the second camp was conducted from June 13 to June 20, 2026. These camps provided a vibrant platform for NCC girl cadets to develop physical endurance, leadership qualities, teamwork, discipline and a strong sense of national integration.



More than 500 girl cadets participated in each camp. The training was supported by 15 Associate NCC Officers (ANOs) and more than 30 Permanent Instructor (PI) staff. Cadets and staff represented 10 regions: Punjab, Haryana, Himachal Pradesh, Chandigarh, Rajasthan, Madhya Pradesh, Chhattisgarh, Jammu & Kashmir, Uttarakhand and Delhi.

The camps focused on a wide range of activities including physical training, trekking, map reading, camping drills, team-building exercises, and cultural programmes. An important highlight was the emphasis on national integration. Cadets from diverse backgrounds interacted with each other, shared their

regional traditions and developed mutual respect and friendship. This cultural exchange created a strong atmosphere of unity and camaraderie.

The presence of a large number of girl cadets highlighted the growing participation of young women in adventure-based learning and leadership development. Through these camps, participants enhanced their self-confidence, decision-making abilities, teamwork skills and sense of responsibility.

The HIMTREK Camps successfully combined physical challenge, disciplined training, cultural exchange and value-based learning. The initiative reinforced the core NCC values of discipline, courage, unity, leadership and selfless service to the nation.

Key Highlights

- Two camps: Camp I — June 5 to June 12, 2026 | Camp II — June 13 to June 20, 2026
- 500+ girl cadets participated in each camp (1,000+ across both)
- 15 Associate NCC Officers (ANOs) and 30+ Permanent Instructor (PI) staff
- 10 regions represented: Punjab, Haryana, Himachal Pradesh, Chandigarh, Rajasthan, Madhya Pradesh, Chhattisgarh, Jammu & Kashmir, Uttarakhand, Delhi
- Activities: physical training, trekking, map reading, camping drills, team-building exercises, cultural programmes
- Focus: national integration, leadership, discipline, and women's participation in adventure-based learning



3RD INTERNATIONAL CONFERENCE ON BIOTECHNOLOGY & BIOINFORMATICS (ICBAB 2026)

The 3rd International Conference on Biotechnology and Bioinformatics (ICBAB-2026) was organized by the Department of BT&BI, from May 28 - 30, 2026 on the theme “Sustainable Healthcare, Agriculture, Environment, and Computational Biology.” The conference brought together scientists, academicians, industry experts, and researchers from India and abroad, with 20 speakers and 170 participants. Supported by CSIR, the three-day hybrid event featured eminent speakers and expert lectures on emerging areas such as stem cell platforms, antimicrobial resistance, genome editing, and green nanomaterials.



The inaugural session was graced by the presence of Prof. P. L. Gautam, Padma Shri Awardee, while the valedictory function was presided over by Prof. Rajendra Kumar Sharma, Vice Chancellor, JUIT. The conference provided a strong platform for knowledge exchange, networking, and dissemination of cutting-edge research. The conference also featured collaborations with leading scopus-indexed journals and publishers, including Web of Conferences, Medicinal Plants, Bentham Science, and Wiley Publishers.

The conference addressed contemporary and emerging areas spanning biotechnology, bioinformatics, computational biology, sustainable healthcare, agriculture, environmental biotechnology, genomics, molecular biology, synthetic biology and related interdisciplinary domains. The broad scientific scope highlighted the increasing importance of integrating

biological sciences with computational and technological approaches to address complex challenges in health, agriculture and environmental sustainability.

The conference was enriched by the presence of eminent national and international experts from Israel, the USA, Singapore and leading Indian institutions like IIT Delhi, CSIR-IHBT, CSIR-IMTECH, ICAR-IIMR and CIAB. Their participation brought diverse perspectives from areas including biosensors, bioenergy, biomaterials, stem-cell biology, metabolic engineering, protein engineering, genome variation, intellectual property, plant biotechnology and sustainable bio manufacturing.

Overall, ICBAB-2026 successfully fulfilled its objective of creating an interdisciplinary and international platform for scientific exchange, capacity building and research networking. The conference reinforced JUIT's commitment to promoting cutting-edge research and strengthening collaborations between academia, research organizations and industry. The discussions, expert interactions, research presentations and hands-on training provided valuable opportunities for participants to identify emerging research questions, develop collaborative networks and translate scientific knowledge into sustainable solutions.

The successful completion of ICBAB-2026 marks another significant milestone for the Department and contributes to the University's broader vision of advancing innovation at the interface of biotechnology, bioinformatics and computational sciences for the benefit of society and sustainable development.



ROS 2 ROBOTICS SUMMER SCHOOL 2026 (ON CAMPUS TRAINING)

JUIT Wagnaghat, successfully completed Phase I of the ROS 2 Robotics Summer School 2026, organised jointly by the Departments of Computer Science & Engineering, Information Technology, and Electronics & Communication Engineering under the special initiative of the Drobotics Lab, JUIT. The on-campus training phase was conducted from May 25 to June 06, 2026 as part of the four-week programme themed “From Code to Autonomous Systems.”



Designed to introduce students to emerging technologies at an early stage of their engineering education, the programme brought together more than 90 students from the first and second years of B.Tech programmes. The initiative was conceived with a broader objective of developing technical confidence, creative problem-solving abilities and an innovation oriented mindset among young engineers.

The first phase provided students with an intensive, practice-oriented introduction to ROS 2 (Robot Operating System 2) and its applications in modern robotics. Through structured laboratory sessions and guided exercises, participants explored ROS 2 fundamentals, C++ programming, robot simulation using Gazebo and RViz, sensor and actuator integration, and the development of autonomous robotic systems.

The emphasis remained on learning by doing, enabling students to translate programming concepts into functional robotic applications.

A distinctive feature of the programme was its focus on exposing students to technologies that are increasingly shaping the future of Artificial Intelligence, robotics and autonomous systems. Students worked on simulation-based tasks, experimented with robotic components, analysed system behaviour and addressed practical challenges through collaborative problem-solving. The learning environment encouraged participants to move beyond conventional classroom instruction and engage directly with tools and frameworks used in contemporary robotics development.

The Summer excellence Internship component, provided students with an opportunity to progress from foundational learning towards project-based development. Following the completion of the on-campus training, participants have entered the two-week Capstone Project phase, during which they will work in teams under faculty mentorship to design, implement and demonstrate solutions addressing real-world robotics challenges.

The initiative reflects JUIT's continued commitment to experiential learning, interdisciplinary education and early exposure to advanced technologies. By creating opportunities for students to learn, experiment and build from the beginning of their academic journey, the university aims to nurture a generation of engineers capable of contributing meaningfully to the rapidly evolving fields of AI, robotics and intelligent autonomous systems.

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PARTICIPATION AS ACADEMIC PARTNER IN HR CONCLAVE 2026 AT CHANDIGARH

JUIT, actively participated as the Academic Partner in HR Conclave 2026, organized by HR Scoops on June 20, 2026 at Hometel, Chandigarh. The conclave brought together 76 HR professionals and industry representatives from leading organizations across diverse sectors, including IT, analytics, healthcare, pharmaceuticals, manufacturing, retail, telecom,

Universities; Ms. Anita Marwaha, Deputy Head – Training & Placement; Mr. Anurag Srivastava, Senior Officer – Training & Placement JIIT Noida; Mr. M. R. Zinta, Head HR; Prof. Sudhir Kumar, Dean, Research & Internationalization; Prof. Amit Srivastava, Head, JBS Wagnaghat; Prof. Pradeep Kumar Gupta, Head, CSE; Prof. Vivek Kumar Sehgal, Head, CSE GTG; Mr.



infrastructure, and consulting. The event provided a valuable platform for industry-academia interaction, networking, and knowledge sharing, with discussions focusing on evolving workforce expectations, talent acquisition practices, recruitment trends, internships, placements, employability, research collaborations, and emerging industry requirements.

The JUIT delegation was led by Prof. Rajendra Kumar Sharma, Vice Chancellor, along with Brig. Sanjay Dawar (Retd.), Head – Training & Placement, Jaypee

Pankaj Manta, Coordinator, T&P Cell, and members of the Training & Placement Team. The conclave strengthened JUIT's relationships with existing recruiters, facilitated new corporate connections, enhanced the university's visibility among employers, and opened avenues for internships, placements, industry projects, guest lectures, research collaborations, and other corporate partnerships. Overall, HR Conclave 2026 reinforced JUIT's commitment to strengthening industry-academia collaboration.



CELEBRATION OF WORLD ENVIRONMENT DAY BASED ON THEME “EK PED MAE KE NAAM”

JUIT organized a tree plantation drive on June 5, 2026 to celebrate World Environment Day under the theme “Ek Ped Mae Ke Naam.” The event was graced by the Vice Chancellor, Registrar, Deans, Associate Dean, Head of the Department of BT&BI, faculty members, and staff. Around 60 participants took part in the initiative, resulting in the plantation of approximately 30 saplings on the university campus.

The event promoted environmental awareness and encouraged the university community to contribute towards a greener and more sustainable environment. The plantation drive was organized by Prof. Poonam Sharma and Dr. Ashok Kumar Nadda,

reflecting JUIT’s continued commitment to environmental conservation and sustainability.



JUIT SHOWCASED SUSTAINABLE INNOVATIONS AT WORLD ENVIRONMENT DAY EXHIBITION 2026, SHIMLA

On June 5, 2026, JUIT participated in the World Environment Day Exhibition at The Ridge, Shimla, themed “Inspired by Nature. For Climate. For Our Future.” The JUIT team showcased the university’s research, innovation, patents, and sustainability initiatives, highlighting its contribution to environmentally responsible technologies. The exhibition provided an opportunity to engage with academic, government, and environmental stakeholders and demonstrate JUIT’s commitment to addressing climate and ecological challenges through innovation.

The Hon’ble Governor of Himachal Pradesh, Sh. Kavinder Gupta, and the Hon’ble Chief Minister, Sh. Sukhvinder Singh Sukhu. The team presented JUIT’s



patent on using biogas slurry as a natural binder for pine needle biofuel briquettes, addressing sustainable waste management and renewable energy generation. Discussions also explored the potential use of pine needles for biochar and other value-added products. The event enhanced JUIT’s visibility in environmental research and provided a valuable platform for knowledge exchange and public engagement.

RECOGNITION OF TOP-PERFORMING STUDENTS FOR JUIT GAT-B MOCKTEST

The Department of BT&BI, JUIT, hosted Dr. Priyanka Priyadarsiny, Head, R&D – Biologicals, Panacea Biotec Ltd., New Delhi, on May 8, 2026. During her visit, she



interacted with faculty members U.G., P.G., and Ph.D. students, sharing valuable insights into industry expectations, career opportunities, technical skills, professional competencies, and research aptitude required

for successful careers in biotechnology and allied fields. The visit aimed to strengthen academia–industry collaboration, promote research partnerships, and provide students with exposure to current industry practices and placement opportunities.

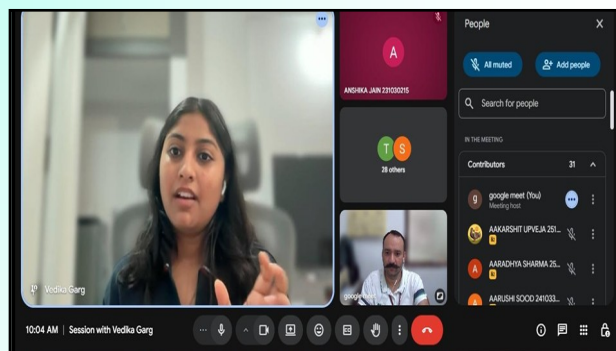
Dr. Priyanka also facilitated the prize distribution ceremony for the JUIT GAT-B Mock Test 2026, which witnessed participation from 384 students representing 12 colleges. Faculty members from JUIT conducted the mock test across colleges in Shimla district, helping students prepare for the Government of India's GAT-B examination. The initiative, along with Dr. Priyanka's interaction, provided students with valuable academic and career-oriented guidance.

VIRTUAL ALUMNI INTERACTION SESSION

The Training & Placement Cell, JUIT Waknaghat, organized a Virtual Alumni Interaction Session on May 30, 2026 for students preparing for their upcoming summer internships. The session featured Ms. Vedika Garg, an alumni of JUIT and currently working with LinkedIn, who interacted with the students and shared valuable insights from her academic and professional journey.

During the session, Ms. Garg highlighted the significance of continuous learning, skill development, professional networking, effective communication, and a proactive approach towards career growth. Drawing from her own experiences, she guided students on how to

make the most of internship opportunities and prepare themselves for the transition from an academic environment to the professional workplace.



SUMMER TRAINING WORKSHOP

A Six-week Summer Training Workshop was organized by the Department of BT&BI from June 3 - July 15,



2026 for M.Tech./B.Tech./M.Sc./B.Sc. students participating from all over India.

The workshop provided lectures and rigorous Hands-on-Training to outside participants in various modules - Molecular Biology and Genetic Engineering Techniques, Bioinformatics, Industrial Plant Tissue Culture, Microbial Pathogens, Medical Genomics & Animal Handling etc. The Summer Training Workshop was coordinated by Prof. Rahul Shrivastava.

JUIT IEEE TEAM EARNS MULTIPLE PRESTIGIOUS NATIONAL AWARDS

The IEEE Student Branch of JUIT, achieved multiple recognitions for the university by winning multiple



prestigious awards at the IEEE Delhi Section Students, Young Professionals, Women in Engineering, and Life Members Congress (DSSYWC) 2025–26, held at Netaji Subhas University of Technology (NSUT), New Delhi on June 21, 2026.

Among the major recognitions, Anant Sharma received the Dr. J. K. Pal Memorial Award, while Prof. Shruti Jain was honoured with the Special Mention – Outstanding Branch Counsellor Award. The Outstanding Student Volunteer Award was presented to Harshit Goyal, Keshav Khandelwal, and Prakhar Kulshrestha, while Nandini Singh and Edaan Mehra received the Outstanding WIE Student Volunteer Award for their contributions to Women in Engineering initiatives.

The achievements reflect the IEEE JUIT Student Branch's excellence in leadership, volunteerism, and technical engagement, further strengthening JUIT's reputation for nurturing innovation, professional excellence, and future engineering leaders.

PROUD ACHIEVEMENT OF ROTARACT CLUB OF WAKNAGHAT AT STELLAR

Rotaract Club of Wagnaghat has been recognized with several prestigious awards at the Stellar Awards—Rotary International District 3080 for RIY 2025–26. These achievements reflect the dedication, leadership, and impactful service initiatives undertaken by our club members throughout the year. The club received the following recognitions:

- Best President Zone 1 – Rtr. Sanya Jain
- Best Club Zone 1 – Rotaract Club of Wagnaghat
- Best Vocational Services Project – CyberShield
- Most Unique Projects Award
- Best Instagram Feed Award
- Stellar Award for CineQuest
- DRR Citation
- Presidential Succession Award
- Recognition as ADRS
- Recognition for Hosting Saanjh – IDYE
- Recognition for Hosting Rotaract Training Program

- Recognition for Hosting Winter Ball



AI MEETS IMAGINATION AT JUIT'S "AI ODYSSEY" STORYTELLING CHALLENGE

Under the leadership of Shri Manu Bhaskar Gaur Ji, CEO, JUIT successfully organized an AI-driven competition titled "JUIT: An AI Odyssey." The event brought together creativity, artificial intelligence, and interactive storytelling, offering students a dynamic platform to demonstrate their technical excellence and imaginative thinking.

Centered around the theme "Make the User a Part of the JUIT Story through AI Characters & Interactive Storytelling," the competition encouraged participants to design immersive digital experiences that allowed users to virtually experience "A Day in the Life at JUIT." Students developed AI-powered storytelling environments integrating conversational AI, voice synthesis, visual storytelling, animations, and interactive decision-making pathways.

The competition witnessed enthusiastic participation from undergraduate, postgraduate, and doctoral students, with a total of 20 teams registered for the event. Participants utilized advanced AI and creative tools, including ChatGPT, ElevenLabs, Midjourney, Runway, Unity, Unreal Engine, and web-based frameworks to transform their innovative concepts into interactive prototypes.

Following multiple evaluation rounds, five outstanding teams were shortlisted for the grand finale, where they presented highly engaging AI-driven storytelling systems before an evaluation panel comprising Prof. Tiratha Raj Singh, Dr. Hari Singh, and Mr. Saurav Kumar Singh. The judging criteria focused on innovation, creativity, technical depth, narrative quality, interactivity, and overall user experience.



The awards and certificates were distributed by Hon'ble Vice Chancellor Prof. Rajendra Kumar Sharma, who congratulated all participants for their outstanding efforts and appreciated the innovative spirit demonstrated throughout the competition. Prof. (Dr.) Rajendra Kumar Sharma emphasized the growing importance of artificial intelligence, creativity, and interdisciplinary innovation in shaping the future of education and technology.

WORKSHOP ON PSYCHOLOGICAL FIRST AID FOR FACULTY AND STAFF

The Student Services Centre at JUIT organized a workshop on Psychological First Aid for faculty and staff on May 2, 2026, at the Digital Learning Centre. The session aimed to equip participants with essential skills to support individuals experiencing psychological



distress within the campus community. The workshop was led by Ms. Divya Sehgal, who introduced key principles such as empathy, active listening, and timely intervention. Through interactive discussions and scenario-based learning, participants were trained to identify signs of distress and offer appropriate initial support while maintaining professional boundaries.

The session also emphasized the need to foster a supportive campus environment in light of increasing academic and personal pressures faced by students. Participants appreciated the practical relevance of the workshop. The Student Services Centre reaffirmed its commitment to promoting mental well-being and announced plans to continue organizing similar initiatives in the future.

WEBINAR ON FORENSIC SCIENCE IN THE DIGITAL ERA: FROM DNA TO DEEPPAKES

The Department of Biotechnology and Bioinformatics, JUIT, organized an online expert lecture on “Forensic



Science in the Digital Era: From DNA to Deepfakes” on June 13, 2026 through Google Meet. The

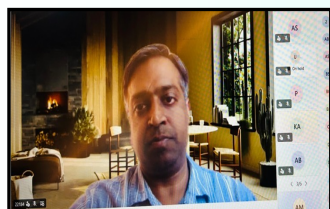
session was delivered by Dr. Rajesh Kumar Verma, Professor of Practice, Forensic Science, JUIT, and was attended by undergraduate, postgraduate, and doctoral students, along with faculty members. The webinar

aimed to provide insights into the evolving role of forensic science in the digital age and its applications in modern investigations.

Dr. Verma discussed key areas, including DNA profiling, cyber forensics, digital evidence analysis, deepfake detection, and the use of artificial intelligence and machine learning in forensic investigations. He also highlighted emerging trends in forensic education, research, and career opportunities. The interactive session enhanced participants’ understanding of the intersection of technology and forensic science and encouraged students to explore interdisciplinary research opportunities.

EXPERT LECTURE DELIVERED ON AI-DRIVEN MEDICAL IMAGE FUSION FOR ADVANCED DIAGNOSTICS

On June 27, 2026 a keynote address was delivered by Dr. Nishant Jain at the National Conference on Artificial Intelligence and Digital Transformation at Maharaja Agrasen International College (MAIC), Raipur, on the topic “AI-Driven Medical Image Fusion for Advanced Diagnostics.” The presentation high-



lighted the potential of AI-based fusion of CT and MRI images to provide clinicians with more comprehensive diagnostic information by combin-

ing CT’s detailed bone structure with MRI’s superior soft-tissue visualization.

Two advanced image-fusion approaches were presented: one combining Wavelet Transform and VGG19-based deep feature extraction, and another using Fuzzy C-Means (FCM) segmentation to isolate bone and soft-tissue regions. The proposed methods produced clearer, high-contrast fused images and demonstrated improved quantitative performance compared with existing techniques, with potential applications in more accurate diagnosis and precision treatment planning.

SEMESTER-END INTERACTION OF THE VICE-CHANCELLOR WITH FACULTY

The Vice-Chancellor of JUIT, Prof. Rajendra Kumar Sharma, had a semester-end interaction with the faculty on June 1, 2026 to review the academic activities and achievements of the completed semester. During the meeting, Prof. Shruti Jain, Dean (Academics) shared her experiences, highlighted accomplishments, and discussed the challenges encountered in teaching, student mentoring, and administrative responsibilities. The Vice-Chancellor appreciated the dedication and commitment of the faculty and emphasized the importance of academic excellence, innovation, and student-

centric education. Constructive suggestions were exchanged for strengthening teaching-learning processes, enhancing research output, and improving institutional performance.



FACULTY CORNER

- Mr. Prateek attended the one-week Faculty Development Program on “Mastering Linux for Engineering Applications” during May 25-29, 2026 organized at the Department of Computer Science and Engineering, NITTTR Chandigarh. The concepts related to virtualization, installing VirtualBox, Linux internal commands, file system permissions, Python programming for Linux, shell scripting, Docker, Kubernetes, and Linux on a Raspberry Pi device were taught by the experts.
- Prof. Shruti Jain organized the "IEEE WIE Innovate & Inspire Poster Contest" under the theme "Empowering Women to Shape Technology for a Better World" in collaboration with the IEEE Women in Engineering (WIE) India Council, IEEE WIE Affinity Group Delhi Section, and IEEE WIE Affinity Group Bangalore Section from June 23–30, 2026.
- Prof. Shruti Jain organized "IEEE WIE Technical Blog Writing Competition" as part of the IEEE WIE Day 2026 Celebrations under the theme "Technology with Purpose: Innovate Responsibly, Inspire Globally, Lead with Integrity”, in collaboration with IEEE WIE India Council, the IEEE WIE Affinity Group Bangalore Section and the IEEE WIE Affinity Group Delhi Section, from June 18–25, 2026.



PRINCIPALS' MEET AT AMBALA

JUIT successfully organised a Principals' Meet on May 16, 2026 at Ramada by Wyndham, Ambala, bringing together school principals, academic leaders and educators to discuss the future of education, STEM leadership and innovation-driven learning. Held under the leadership of Shri Manu Bhaskar Gaur ji, CEO, JUIT and graced by Vice Chancellor Prof. Rajendra Kumar Sharma, the event was organised in collaboration with the Ambala Progressive Sahodaya School Council and Haryana Progressive Schools' Conference. The Vice Chancellor highlighted the importance of practical learning, research orientation and industry-academia collaboration in preparing students for emerging technological challenges. A key highlight was the technical session by Prof. Tiratha Raj Singh on

“Transforming Education: STEM Leadership under NEP 2020”, which explored multidisciplinary learning, entrepreneurship, artificial intelligence and technology-enabled pedagogy. The meet provided a valuable platform for strengthening collaboration between JUIT and leading schools and reaffirmed the University's commitment to academic excellence and transformative education.



जेयूआईटी बना वैश्विक वैज्ञानिक संवाद का केंद्र

जेपी विवि में तृतीय अंतरराष्ट्रीय जैव प्रौद्योगिकी एवं जैव सूचना विज्ञान सम्मेलन

दिवा हिमालय द्युरे-सोलन

जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी), वाकनाघाट के जैव प्रौद्योगिकी एवं जैव सूचना विज्ञान विभाग द्वारा आयोजित तृतीय अंतरराष्ट्रीय जैव प्रौद्योगिकी एवं जैव सूचना विज्ञान सम्मेलन-2026 सफलतापूर्वक संपन्न हो गया। सम्मेलन का मुख्य विषय सतत स्वास्थ्य सेवा, कृषि, पर्यावरण एवं संगणकीय जीव विज्ञान रहा, जिसमें भारत और विदेशों से आए वैज्ञानिकों, शिक्षाविदों, उद्योग विशेषज्ञों तथा शोधकर्ताओं ने भाग लिया। सम्मेलन में 186 से अधिक प्रतिभागियों ने पंजीकरण कराया।

इनमें 140 प्रतिभागी परिसर में उपस्थित रहे, जबकि 30 प्रतिभागियों ने ऑनलाइन माध्यम से अपने शोध कार्य प्रस्तुत किए। इस प्रकार सम्मेलन वैज्ञानिक संवाद और ज्ञान-विनिमय का प्रभावी संघ साबित हुआ। उद्घाटन सत्र के मुख्यपत्रों में पद्मश्री प्रो. पी.एल. गोतम, कुलाधिपति, डॉ. राजेंद्र

प्रसाद केंद्रीय कृषि विश्वविद्यालय, बिहार रहे। उन्होंने अपने संबोधन में सतत विकास के लिए जैव प्रौद्योगिकी की भूमिका को महत्वपूर्ण बताया। तीन दिवसीय सम्मेलन के दौरान अमेरिका, इजरायल और सिंगापुर सहित विभिन्न देशों के विशेषज्ञों ने स्टेम सेल प्लेटफॉर्म, एंटी-माइक्रोबियल

प्रतिरोध, जीनोम संपादन तथा हरित नेनो-सामग्रियों जैसे आधुनिक विषयों पर व्याख्यान दिए। इन सत्रों में प्रतिभागियों को नवीनतम वैज्ञानिक शोध और तकनीकों की जानकारी प्राप्त हुई। समापन समारोह की अध्यक्षता जेयूआईटी के कुलापति प्रो.अर.के. शर्मा ने की। उन्होंने आयोजन समिति तथा सम्मेलन संयोजकों डॉ. सौरभ बंसल, डॉ. अशोक कुमार तनु और डॉ. शिखा मिश्र के प्रयासों की सराहना की। प्रतिभागियों को प्रमाण-पत्र वितरित किए गए तथा श्रेष्ठ मौखिक और पोस्टर प्रस्तुतियों के लिए पुरस्कार वितरित किए गए।



सोलन: जेपी विवि में आयोजित सम्मेलन के दौरान प्रतिभागी मुख्यपत्रों के साथ

08

FRIDAY, JUNE 05, 2026

earlyTIMES JAMMU/SPORTS

3rd International Conference on Biotechnology, Bioinformatics and Bioprocess Engineering concludes at JUIT Wanknaghat

EARLY TIMES REPORT

HIMACHAL PRADESH, June 4: The 3rd International Conference on Biotechnology, Bioinformatics and Bioprocess Engineering (ICBBE 2026), organized by the Department of Biotechnology and Bioinformatics at Jaypee University of Information Technology (JUIT), Wanknaghat, was held from 28-30 May 2026. The conference revolved around the theme 'Sustainable Healthcare, Ag-



The function concluded with a Vote of Thanks by Dr. Saurabh Bansal, Convener of ICBBE 2026. ICBBE 2026 also featured leading journals and publishers including Bio Web of Conferences, Medical Plants, Current Protein and Peptide Science (Bentham Science), and Wiley Publishers, ensuring high quality dissemination of selected research papers.

cally present on campus and 30 participants presenting their work online, making the event a vibrant hybrid platform for knowledge exchange. The conference was held in a sustainable development. Over three days, distinguished speakers including Prof. Xue Jun Li (University of Illinois, Chicago, USA), Prof. Yosi S. Chanaani (Tel-Aviv University, Tel-Aviv, Israel), Dr. Yen Wah Tong (National University of Singapore), and leading Indian scientists delivered insightful lectures on cutting-edge topics ranging from stem cell platforms and par-animal resistance to genome editing and green nanomaterials. The Valedictory Function was presided over by Prof. (Dr.) R. K. Sharma, Vice-Chancellor of JUIT, who appreciated the organizing team and acknowledged the efforts of convener Dr. Saurabh Bansal, Dr. Ashok Kumar Nanda, and Dr. Shikha Mittal. Certificates were distributed to all participants, and awards were presented to the Best Oral Presenter and Best Poster Presenter.

With its diverse sessions, international participation, strong publication partnerships, and recognition of outstanding research, ICBBE 2026 marked a significant milestone in advancing interdisciplinary research and fostering collaboration in biotechnology and bioinformatics.

DVT

SUNDAY, JUNE 14, 2026

07

JUIT Hosts All India Girls Expedition (HIMTREK) 2026; over 500 NCC Girl Cadets participate



participating in the expedition. The camp is being managed by a dedicated team of officers, including NCC Officers, Girl Cadet Instructors, Junior Officer, and NCC Commissioned Officers, and Non-Commissioned Officers. The expedition is a premier multidisciplinary university recognized their achievement for its strong academic programmes, research excellence, innovation ecosystem, and industry-oriented education. Nestled in the Shivalik Hills, the university provides a vibrant learning environment and actively promotes leadership, community engagement, entrepreneurship, and social responsibility. The expedition is being organized by IHP (G) Battalion NCC Solan under the Shiksha Group. The dynamic leadership of Shri Manu Bhaskar Gaur, CEO, JUIT, continues to promote initiatives that contribute to holistic development, youth empowerment, and national integration among young women while providing opportunities for experiential learning and personal growth. The expedition aims to foster adventure, self-reliance, leadership, and national integration among young women while providing opportunities for experiential learning and personal growth. The expedition aims to foster adventure, self-reliance, leadership, and national integration among young women while providing opportunities for experiential learning and personal growth.

The University of Information Technology organises Principals' Meet in Ambala

ES REPORT

AL, May 18: University of Information Technology organized a Principals' Meet in Ambala on 18th May 2026. The event together with academic leaders and educators for discussions on education and learning. The programme was presided over by the leadership of CEO, JUIT, Manu Bhaskar Gaur, who was graced by the presence of Vice-Chancellor, Prof. Rajendra Sharma. The Principal's Meet was organized with the progressive School Council and Progressive School Council.

challenges. His address inspired the participants and emphasized the importance of practical learning, research orientation, and strong industry-academia collaboration in shaping future-ready professionals. Shree Pawan Acharya, high school principal, addressed the extraordinary academic and

ated with the teaching and learning practices of teachers and principals. A highly insightful technical talk was delivered by Prof. Thirathra Raj Singh on the theme: "Transforming Education: STEM Leadership under NEP 2020". The session highlighted



environment, disciplined culture, and value-based ecosystem being nurtured at JUIT. He highlighted how the university is successfully integrating Indian traditions, ethics, and cultural values with modern technological education to create responsible, creative, and socially aware leaders. JUIT's students are in line with the growing importance of STEM education, innovation, entrepreneurship, multidisciplinary learning, and technology-enabled teaching methodologies in alignment with the vision of the National Education Policy 2020. Prof. Singh emphasized how educational institutions can prepare students for future global challenges through research, creativity, critical thinking, and industrial learning. Prof. Singh also

अंबाला में प्रिंसिपल्स मीट का आयोजन नेप 2020 व स्टेम शिक्षा पर हुई

दिवा हिमालय द्युरे-सोलन

जेपी की ओर से रमाछ बाय विंडम, अंबाला में प्रिंसिपल्स मीट का सफल आयोजन किया गया। कार्यक्रम में विभिन्न विद्यालयों के प्राचार्यों, शिक्षाविदों और अकादमिक नेतृत्वकर्ताओं ने भाग लिया तथा भारत में शिक्षा के भविष्य, नवाचार आधारित शिक्षण और स्टेम शिक्षा को लेकर सार्थक चर्चा की गई।

यह कार्यक्रम विश्वविद्यालय के सीईओ मनु भास्कर गौर के मार्गदर्शन में आयोजित किया गया। कार्यक्रम में विश्वविद्यालय के



शिक्षाविद एवं अतिथि मौजूद रहे। अपने संबोधन में प्रो. राजेंद्र कुमार शर्मा ने तकनीकी शिक्षा, नवाचार आधारित शिक्षण और भविष्य की तकनीकी चुनौतियों के लिए प्राचार्यों की शिक्षण

वातावरण को सराहना किया। विकास कोहली ने स्टेम शिक्षा की आवश्यकता पर बल दिया कि विद्यार्थियों की शिक्षा सीधे तौर पर

आवश्यकता पर बल दिया कि विद्यार्थियों की शिक्षा सीधे तौर पर

JUIT hosts "AI Odyssey" competition to redefine interactive storytelling

DINESH AGARWAL WANKNAGHAT, MAY 14

Jaypee University of Information Technology (JUIT), under the leadership of CEO Manu Bhaskar Gaur, successfully organized "JUIT: An AI Odyssey," a first-of-its-kind AI-powered storytelling competition that blends creativity, artificial intelligence, and immersive digital experiences.

Centered on the theme "Make the User a Part of the JUIT Story through AI Characters & Interactive Storytelling," the event challenged students to create interactive experiences showcasing "A Day in the Life at JUIT." Participants integrated conversational AI, voice synthesis, animations, visual storytelling, and interactive



decision-making into their projects. The competition saw enthusiastic participation from undergraduate, postgraduate, and PhD students, 20 teams competing using advanced tools such as ChatGPT, ElevenLabs, Midjourney, Runway, Unity, Unreal Engine, and web-based frameworks. After multiple evaluation rounds, five teams reached the grand finale and presented their AI-driven systems comprising Mr. Saurav Kumar Singh, Dr. Hari Singh, Mr. Saurav Kumar Singh, Projects were judged on innovation, creativity, technical depth, narrative quality, interactivity, and user experience. The Cognitive Creators Team—Siddhant Sharma, Ankush Bhunia, Viksit Taran, and Vishal Thakur—won the First Prize for their outstanding AI integration and immersive storytelling.

पैनासिया बायोटेक की डा. प्रियंका प्रियदर्शनी का भव्य स्वागत

दिवा हिमालय द्युरे-सोलन

जेपी विश्वविद्यालय (जेयूआईटी) में आयोजित कार्यक्रम में डा. प्रियंका प्रियदर्शनी का भव्य स्वागत किया गया। डा. प्रियंका प्रियदर्शनी, पैनासिया बायोटेक की सीईओ, ने जेयूआईटी के छात्रों और शिक्षकों को संबोधित किया। उन्होंने अपने शोध कार्य और बायोटेक क्षेत्र में नवाचारों के बारे में बताया। कार्यक्रम में डा. प्रियंका प्रियदर्शनी का भव्य स्वागत किया गया। डा. प्रियंका प्रियदर्शनी, पैनासिया बायोटेक की सीईओ, ने जेयूआईटी के छात्रों और शिक्षकों को संबोधित किया। उन्होंने अपने शोध कार्य और बायोटेक क्षेत्र में नवाचारों के बारे में बताया।

सोलन-संसार

कूल में छात्रों ने साख

क्रियां

किया काम

वाकनाघाट में 15 दिवसीय प्रशिक्षण में आरओएस-2, रोबोटिक्स और मशीन लर्निंग पर मिला व्यवहारिक अनुभव, नवाचार और

दिवा हिमालय द्युरे-सोलन

जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी) वाकनाघाट में 15 दिवसीय आरओएस-2 रोबोटिक्स पर सफलतापूर्वक संपन्न हुआ। इस कार्यक्रम का उद्देश्य छात्रों को रोबोटिक्स, मशीन लर्निंग और आरओएस-2 रोबोटिक्स पर व्यावहारिक अनुभव प्रदान करना था। कार्यक्रम में 15 दिवसीय प्रशिक्षण में आरओएस-2, रोबोटिक्स और मशीन लर्निंग पर मिला व्यवहारिक अनुभव, नवाचार और

इंजीनियरिंग (मैकेनिक्स) तथा इलेक्ट्रॉनिक्स एवं कंप्यूटर विज्ञान विभागों के छात्रों को प्रशिक्षण दिया गया। प्रशिक्षण में आरओएस-2 रोबोटिक्स पर व्यावहारिक अनुभव प्रदान किया गया। कार्यक्रम में 15 दिवसीय प्रशिक्षण में आरओएस-2, रोबोटिक्स और मशीन लर्निंग पर मिला व्यवहारिक अनुभव, नवाचार और

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