✦ VISION OF DEPARTMENT ✦

To be in the frontier of Computer Science and Engineering, especially in Artificial Intelligence and Machine Learning field, and to produce globally competent graduates with moral values committed to building a vibrant nation.

MISSION OF THE DEPARTMENT

- To strengthen the core competence in Computer Science and Engineering through analytical and collaborative learning.
- To produce successful graduates with personal and professional responsibilities and commitment to lifelong learning.
- To uplift innovative research in Computer Science and Engineering to serve the needs of Industry, Government and Society.

IN THIS NEWSLETTER YOU WILL FIND:

Guest Lecture, Badminton Competition, Workshops, Research Paper....

ER. RAVI KUMAR
Assistant Professor (CSE/OIC)
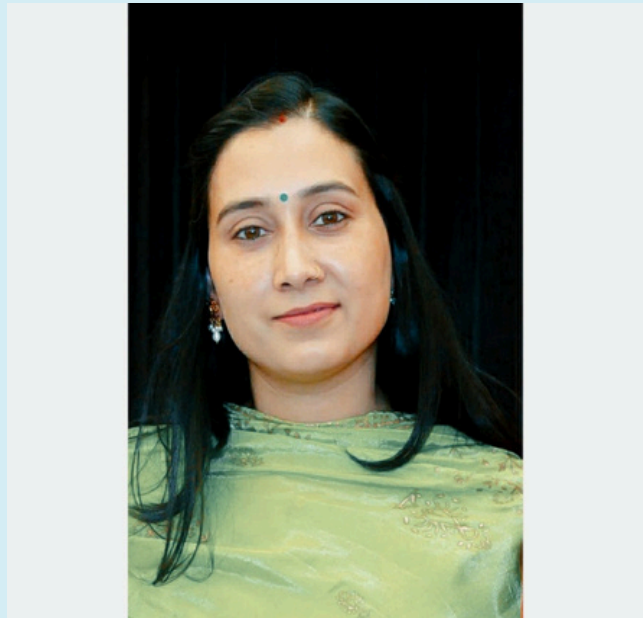
"Dear colleagues and students,
I am delighted to introduce the Jan-June 2024 edition of our Departmental Newsletter. It reflects our ongoing commitment to excellence, innovation, and collaboration in the field of Computer Science and Engineering. I commend everyone involved in making this publication a reality, and I encourage you all to explore the exciting updates and achievements within. Let's continue to strive for excellence together."

ER. ADITI MAHAJAN
Assistant Professor

I am thrilled to extend my heartfelt congratulations to each and every member of our department for the exceptional achievements we've accomplished together. Your dedication, passion, and relentless pursuit of excellence have been truly inspiration. Each one of you has played a pivotal role in our collective success.

Let us also take a moment to reflect on the journey that has brought us here. It is the collective effort, resilience, and unwavering support that define us as a department and set us apart. I am immensely proud to be part of such a talented and dedicated team.

ER. NEENA KUMARI
Lecturer Comp. Engg.

I am delighted to congratulate the editorial board on this gracious occasion of releasing the 3rd edition of half yearly newsletter, highlighting the activities and events which certainly prove that our staff and students are adequately equipped and possess skill sets to bring laurels to the institution. It is a platform where students can present not just their technical quotient but also their artistic flair. Apart from imparting best quality technical education, it is important for us that students stay involved in campus activities for their overall development.
I hope this initiative builds teamwork and inspires young minds by providing a larger visibility and dimension to our department and this culture of releasing newsletter continues forever with the support from both the students and the faculty.
I extend my best wishes to all my students, certainly that they will create their own path to success.

TECHNICAL ACTIVITIES

ONLINE GUEST LECTURE BY CODESQUADZ

Coordinated by:- Er. Ravi Kumar (HOD/OIC CSE)

CodeSquadz organized an Online Guest Lecture on Machine Learning using Python on February 9, 2024, Friday. The event was organized for 2nd Year CSE students specializing in AI&ML. The lecture, delivered by Tanay Kishore, provided invaluable insights into the basics of ML and practical implementation using Python programming language.
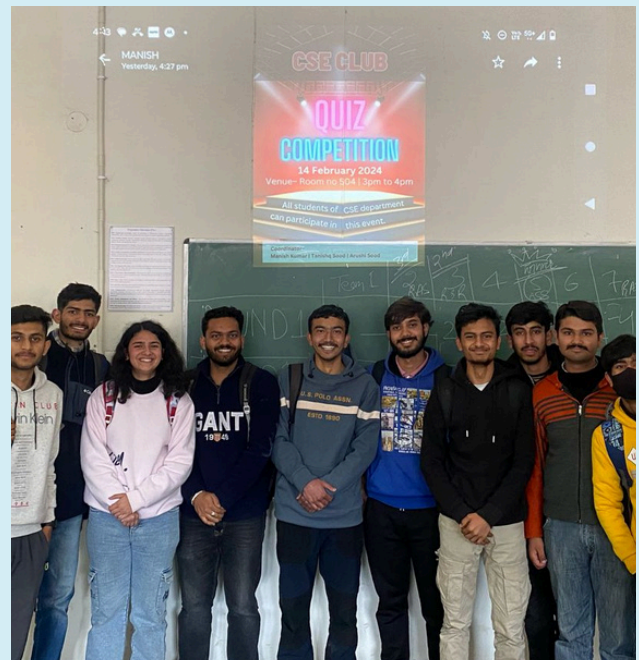
Students enthusiastically engaged with the lecture content, finding it exceptionally useful for their academic pursuits. Tanay Kishore's expertise and clear explanations enabled students to grasp fundamental concepts and techniques effectively. Attendees gained valuable knowledge on leveraging Machine Learning algorithms for various datasets, enhancing their understanding of real-world applications.

GATE QUIZ

Coordinated by:- Arushi Sood, Tanishq Sood & Manish Kumar.

On February 14, 2024, at 3:00 pm, the Gate club under CSE organized a quiz competition for 1st and 2nd-year students. Seven teams enthusiastically participated in the event, which comprised three rounds of challenging questions. Their diligent efforts ensured a smooth and engaging competition for all.

Students showcased their knowledge and teamwork, making the event a resounding success. Such initiatives foster academic engagement and community spirit within the department. Helping the students to prepare themself for the upcoming GATE Exam.

GUEST LECTURE BY CRAFT EDUCATION

Coordinated by:-Er. Ravi Kumar (HOD/OIC CSE)

The CSE Department hosted a captivating guest lecture on February 28, 2024, focusing on the dynamic realm of "IT Careers" tailored for 2nd-year students. Esteemed speakers Mr. Devashish Sharma and Ajay Kumar from CRAFT EDUCATION graced the event, sharing invaluable insights into the evolving landscape of information technology.

Highlighting the significance of adaptability, continuous learning, and innovation, the speakers elucidated emerging trends and the requisite skills for thriving in the tech industry. Their profound discourse not only expanded our understanding of the IT sector but also ignited a renewed passion for technology among many attendees. Helped the students to understanding befits of building resume.

GUEST LECTURE ON IDEA PITCHING IN HACKATHON

Coordinated by:- Er. Ravi Kumar (HOD/OIC CSE)

On February 7, 2024, a highly informative guest lecture on idea pitching for hackathons was conducted by Akshay Kanwar. The event aimed to equip participants with essential skills for effectively presenting and representing their ideas in competitive environments.

Mr. Kanwar elucidated the significance of meticulous preparation in crafting compelling presentations. He emphasized the need for clear, concise, and visually appealing slides, highlighting key aspects of the proposed idea. Participants gained insights into structuring their pitches to capture the audience's attention and convey the uniqueness and feasibility of their concepts effectively.

The session left attendees inspired and motivated, armed with valuable strategies to excel in hackathons and other entrepreneurial endeavors.
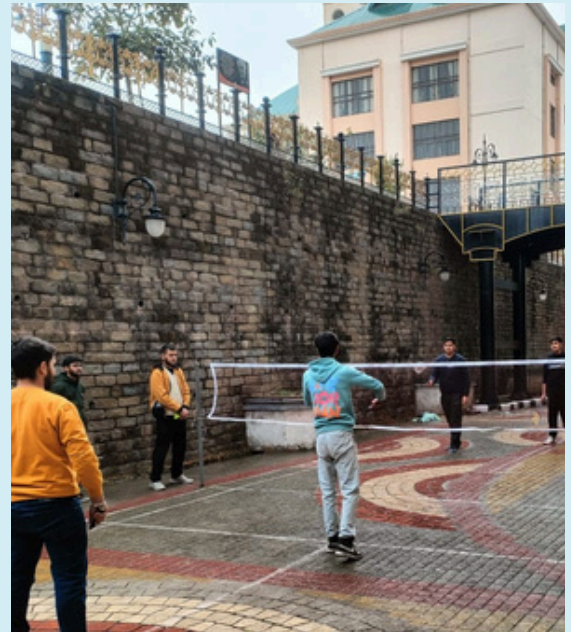
BOYS/GIRLS BADMINTON MATCH

Coordinated by:- Aayush Chauhan

The Sport Club under CSE organized an exhilarating badminton match for both girls and boys on February 3, 2024, at 3:00 pm. Six teams enthusiastically participated, comprising four boys' teams and two girls' teams, showcasing the inclusive spirit of the event.

In a display of teamwork and sportsmanship, the duo of Sujal and Abhinav from the 1st year emerged victorious in the boys' category, while Shagun and Riya from the 2nd year clinched the title in the girls' division. Their outstanding performance highlighted not only their individual skills but also their ability to collaborate effectively as a team.

The match exemplified the true essence of sportsmanship, as participants exhibited respect, fair play, and camaraderie throughout the competition. Regardless of victory or defeat, each player demonstrated resilience and a positive attitude, reflecting the values of sportsmanship and mutual respect ingrained within the CSE community.

Such events not only promote physical activity but also foster a sense of unity and camaraderie among participants, reinforcing the importance of teamwork and sportsmanship beyond the realm of sports.

WINNER OF BOYS MATCH:
Sujal and Abhinav (1st year)

WINNER OF GIRLS MATCH:
Shagun and Riya (2nd year)

TOUR TO IIT MANDI

Coordinated by:- Er. Ravi Kumar (HOD/OIC CSE)

On 2 April 2024, the CSE Department organized an educational tour to IIT Mandi for CSE 2nd Year. Two faculty coordinators, Assistant Prof CSE Sh. Ravi Kumar & Lecturer CSE Ms. Neena Thakur along with 36 students were part of the tour. The campus offered a captivating glimpse into the realm of cutting-edge education and research. Nestled amidst the picturesque Himalayas, the campus exuded an aura of academic excellence and innovation.

During our visit, we explored various facilities including the Tinkering Lab, AI & Robotics Lab, IIT Catalyst & Prayog Shala. The emphasis on interdisciplinary research, which was particularly impressive, reflects IIT Mandi's forward-thinking approach to addressing complex global challenges. Overall, the visit to IIT Mandi left a lasting impression, reaffirming its reputation as a premier institution for higher education and research in India. The experience underscored the importance of investing in education and innovation to shape a brighter future for generations to come.

FAREWELL TO DIRECTOR-CUM-PRINCIPAL

Coordinated by:- Faculty of CSE Department

On May 3, 2024, at 3:00 pm, the CSE department bid adieu to Director Sir S.P. Guleria in a memorable farewell event. The occasion was a blend of nostalgia and celebration, marked by cultural performances including dances and songs, showcasing the department's vibrant spirit.

The highlight of the event was Director Sir's emotional speech, reflecting on his journey and expressing gratitude to the faculty, staff, and students for their support and dedication. His words resonated deeply, evoking fond memories and appreciation for his leadership.

Amidst cheers and applause, the ceremony concluded with a cake cutting ceremony, symbolizing unity and camaraderie. Attendees shared heartfelt wishes and farewells, expressing gratitude for Director Sir's guidance and inspiring all to continue his legacy of excellence and compassion.

REDESIGNED COLLEGE WEBSITE

Participant:- Vishvesh Shivam

Vishvesh Shivam along with college website development team redesigned our college's website that provide seamless user experience across all devices—desktops, laptops, tablets, and smartphones.
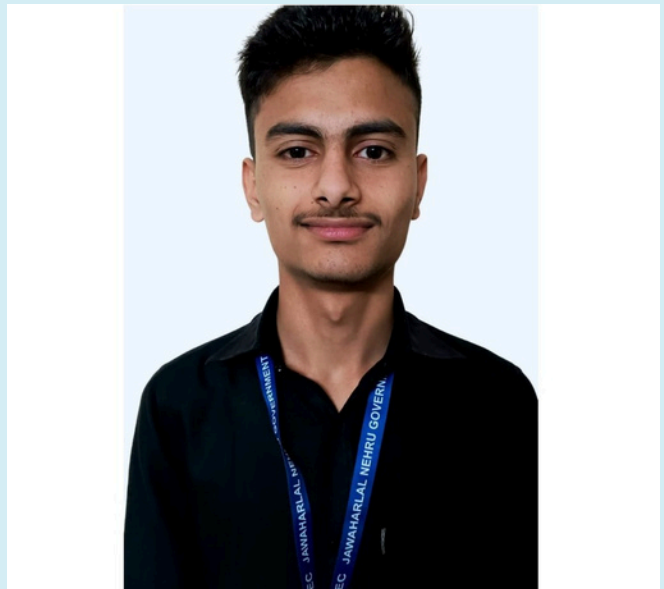
He revised layout and developed responsive website under the supervision of Er. Ravi Kumar OIC CSE. The college's dedication to excellence is evident in the revamp of its website, as the college continues to evolve with technological advancements and user needs, we can look forward to seeing more exciting developments on the website.

RESEARCH PAPER

Participant:- Anmol Garg

The Department of CSE (AI&ML) proudly announces a significant breakthrough in AI & ML, as Mr. Anmol Garg, a 2nd-year CSE student, under the guidance of Er. Ravi Kumar (OIC CSE) and Er. Akshay Kanwar (AP ECE), contributes substantially to ongoing research efforts.

Their collaborative work results in the acceptance of a research paper titled "Utilizing Deep Learning for the Classification of Multiple Diseases Based on Medical Images" for presentation at the Machine Intelligence for Research & Innovations (MAiTRI-2024 Summit) at NIT Srinagar. This accomplishment highlights the department's position as a premier hub for these kinds of activities and demonstrates the department's commitment to supporting creative research and developing talent in AI and ML.

WORKSHOP AT JUIT

Participant:- Manish Kumar, Sarthak Patial and Tanishq Sood

The one-week hand-on workshop on "VLSI Design" proved to be an enriching and rewarding experience for our participants from the Department of CSE(AI&ML).

The workshop, organized by Jaypee University of Information Technology (JUIT) Waknaghat , Distt. Solan (HP) from 4th to 9th, March aimed to provide participants with a comprehensive understanding of VLSI design principles, methodologies, and tools.

We extend our sincere appreciation to Dr. S.P. Guleria (Director Cum Principal) and Er. Ravi Kumar (OIC CSE) for his continuous support and guidance. The VLSI Workshop provided us with a comprehensive understanding of VLSI fundamentals and practical skills in utilizing Vivado and Cadence software tools for VLSI design tasks.

ACHIEVEMENTS

SELECTION FOR YUVA SANGHAM

Participant:- Sarthak Patial

Sarthak Patial, a 2nd year CSE student from JNGEC represented Himachal Pradesh in the Yuva Sangam program under Ek Bharat Shreshtha Bharat on 6 March to 13 March 2024. Along with other participants, Sarthak explored Odisha's cultural and technical landscape, facilitated by IIT Bhubaneswar and IISER Berhampur. He had the opportunity to engage with academic leaders, visiting the directors of IIT Bhubaneswar and IISER Berhampur.

These interactions shed light on the institutions' research and educational focus, illustrating the importance of academic collaboration. Cultural visits were a significant part of the program, with tours to the Jagannath Temple and the Sun Temple at Konark.

WORKSHOP AT IIT MANDI

Participant:- Students of CSE 2nd year

A thunderous applause to the CSE 2nd-year students for their active participation in the ML workshop at IIT Mandi on 13 April & 14 April 2024. Your eagerness to learn and engage in hands-on sessions exemplifies your dedication to mastering this cutting-edge technology.

Try to grab such more opportunities that will help you in making your grip strong in your field. Let's celebrate your commitment to expanding your skills and knowledge in machine learning, paving the way for future innovation and success. Well done and keep up the fantastic work!

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