



NEWS LETTER

DEPARTMENT OF
CYBER SECURITY



SEPTEMBER

2023

Unveiling the Power of AI in Science: Expert Lecture at USERC's ICT Training Program

Ms. Soumya Upadhyay, an Assistant Professor in the department, delivered an enlightening and insightful expert lecture during the "One-week ICT Oriented Training Program" organized by Uttarakhand Science Education and Research Centre (USERC), Dehradun, Govt. of Uttarakhand on 2nd September 2023. The session, titled "Artificial Intelligence: Application in Basic and Applied Science," showcased her expertise in this cutting-edge field.

Ms. Upadhyay's presentation provided attendees with a deep understanding of how Artificial Intelligence can be applied to both basic and applied sciences. Her comprehensive insights and knowledge-sharing undoubtedly enriched the training program, offering valuable perspectives on the transformative role of AI in various scientific domains.



Ms. Soumya Upadhyay's active involvement in such educational endeavors further strengthens the department's commitment to staying at the forefront of emerging technologies and knowledge dissemination.

Celebrating Teacher's Day 2023: A Day of Sports and Talent

On September 5th, 2023, as the sun graced the picturesque campus of COER University, a unique and exhilarating atmosphere filled the air on the occasion of Teacher's Day. This year, our faculty members decided to celebrate in a distinctive way, temporarily stepping away from their roles as educators to step onto the field. The day was dedicated to showcasing their incredible talents and sportsmanship, making it a Teacher's Day to remember.

The day kicked off with an array of exciting games and sports activities. Faculty members enthusiastically participated in various sports, bringing out their competitive

spirits and demonstrating their athletic prowess. It was a refreshing sight to witness our educators engage in friendly matches and relish the thrill of sports.



Beyond the sporting arena, our teachers displayed their diverse talents. It was a delightful surprise to discover the hidden talents that our educators possess.

Teacher's Day also provided a unique opportunity for faculty members to strengthen their bonds with colleagues. The camaraderie that developed during the day's events will undoubtedly contribute to a more cohesive and collaborative academic environment.



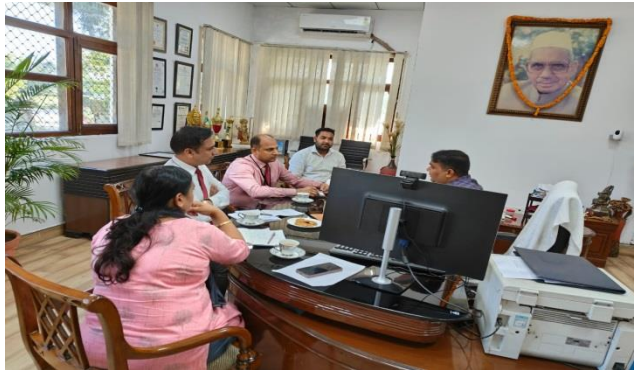
Teacher's Day 2023 at COER University was not just a day of celebration but a day of unity, sportsmanship, and talent display. It reinforced the idea that our faculty members are not only exceptional educators but also well-rounded individuals with diverse passions and skills.

As we move forward, let us cherish the memories of this exceptional Teacher's Day celebration and continue to foster a culture of camaraderie, collaboration and appreciation within our department.

Empowering Education: Commitment to Faculty Engagement and Teaching-Learning Excellence

On September 6th, 2023, a meeting occurred with all Heads of College of Smart Computing, COER University, Roorkee, with Dr. B.M. Singh, the Pro Vice Chancellor, as the central figure. The meeting had two main focal points: Faculty Engagement in the Classroom and Continuous Improvement in the Teaching-Learning Process. Dr. Rohit Kanauzia, Head of the Department of Cyber Security, College of Smart Computing, represented the department.

Regarding faculty engagement, participants stressed its vital role in improving student learning outcomes. Strategies discussed included interactive teaching methods, the use of technology in teaching, and creating a supportive classroom environment. The meeting also emphasized the importance of continuous faculty development through training programs.



The meeting highlighted the need to continually enhance the teaching-learning process. This involved gathering feedback from students, conducting peer evaluations and adopting best pedagogical practices. The Pro Vice Chancellor stressed the importance of aligning teaching methods with current educational trends and technologies.

The meeting resulted in specific actions, including the formation of a faculty development committee to oversee training initiatives and plans for periodic assessments to monitor progress in the teaching-learning process.

The meeting concluded with a shared commitment among all participants for ongoing efforts aimed at improving faculty engagement and enhancing the overall teaching-learning experience at COER University.

Celebrations Galore as Department Marks Faculty Birthdays

In a heartwarming display of camaraderie and appreciation, the Department celebrated the birthdays of two invaluable faculty members, Ms. Anshoo Bhatia and Mr. Aman Kumar, in style on September 6th and 26th, 2023, respectively.

The days was filled with joyous moments as faculty and staff and students came together to commemorate the special day.

The celebration included a delightful cake-cutting ceremony, heartfelt speeches and a shower of warm wishes. Colleagues praised their dedication and unwavering commitment to the students. Their exceptional teaching and mentoring skills were lauded by all present.



The birthdays of Ms. Anshoo Bhatia and Mr. Aman Kumar were a testament to the positive and vibrant atmosphere that characterizes the department.

Celebrating Excellence in Research and Development!

On 7th September 2023, the department strides and accomplishments in the realm of Research and Development with our academic community. This progress has received well-deserved recognition from the Research and Development cell of COER University, underscoring the significant impact our department has had in various cutting-edge fields such as Cyber Security, AI, ML, Blockchain Technology and more.



The department congratulated all dedicated researchers for their outstanding contributions particularly acknowledged the accomplishments of Dr. Rohit Kanauzia, Dr. Maneesh Kumar, Ms. Soumya Upadhyay, Mr. Vikrant Rana, Ms. Renu Bahuguna and Ms. Sarthika Dutt. Each of them has been honored and celebrated for their research excellence,

bringing honor not only to department but also to the entire University. These achievements are a testament of the department dedication and hard work in advancing knowledge in these rapidly evolving fields.

As they embark their continued journey in research and development, the department offers best wishes for their future endeavors.

The recognition ceremony was graced by several esteemed officials of COER University, including Hon'ble Chancellor Shri. J.C Jain, Pro-Chancellor Shri Shriyance Jain, Executive Director Smt. Charu Jain, Vice Chancellor Dr. Pankaj Gupta, and Pro-Vice Chancellor Dr. B.M. Singh. The successful coordination of this ceremony was overseen by Dr. Mridula, Associate Dean Academics and IQAC, adding to the significance of this momentous occasion.

Strategic Academic Planning: 3rd Academic Affairs Committee Meeting

The 3rd Academic Affairs Committee meeting convened on September 8th, 2023, commencing at 12:00 PM. The meeting was conducted at the University campus and was presided over by the Hon'ble Vice-Chancellor. The key agenda items discussed during the meeting were as follows:

- Review and monitoring of the progress of the Academic Excellence Guidelines.
- Evaluation of the AQMS process and other pertinent academic procedures.

Among the attendees was Dr. Rohit Kanauzia, Head of the Department of Cyber Security, College of Smart Computing, who is a member of the Academic Affairs Committee.



The meeting also witnessed the presence of esteemed individuals including Dr. B.M Singh, Pro Vice Chancellor, Dr. S.P. Pandey, Pro Vice Chancellor (Academics), Dr. Himanshu Chauhan, Controller of Examination, Dr. Mridula, Associate Dean Academics and IQAC, Dr. Manish Mathur, Registrar, and various other members of the Academic Affairs Committee.

Unlocking Success: 'Master the GATE' Workshop Illuminates the Path for Aspiring Engineers

The department organized a highly informative "MASTER THE GATE - Workshop for Aspiring Engineers" on 9th September 2023, at the Computing Block. The event drew a diverse audience, including students, faculty members and technology enthusiasts.



The workshop began with a ceremonial bouquet presentation to the session expert, Mr. Arpit Goel, a six-time GATE qualifier. Dr. Rohit Kanauzia, Head of the Department, delivered an inaugural address, emphasizing the importance of the GATE Examination for graduates and encouraging active participation.

During the expert session, Mr. Arpit Goel provided valuable insights into various aspects of the GATE examination, covering topics such as exam patterns, syllabus, subject-specific guidance, preparation strategies, recommended resources, problem-solving techniques, time management, common mistakes to avoid, scoring high, post-GATE opportunities, success stories, updates and changes, and motivation and mindset.

The workshop was coordinated by Mr. Vinay Saroya, the program coordinator, who expressed gratitude to the university management, technical experts, faculty members, and enthusiastic students for their active participation. Special recognition was given to the coordination team for their meticulous efforts, and Ms. Soumya Upadhyay was acknowledged for her role as the seminar's master, ensuring the event's smooth execution.

Faculty Meetings: A Review of Academic Progress

In a continued commitment to academic excellence and progress, the department conducted faculty meetings throughout the month of September 2023. These meetings

were pivotal in assessing and enhancing the department's academic trajectory.

The meetings took place on 9th, 18th and 23rd September 2023, where faculty members gathered to discuss and evaluate the ongoing academic initiatives and strategies. It was an occasion for fruitful exchanges of ideas and insights. Faculty members engaged in discussions, sharing their experiences and innovations in teaching and research, thus enriching our academic environment.



The meetings underscore the department's commitment to continuous improvement and quality enhancement. They serve as a platform for open dialogue, strategic planning and collaborative efforts aimed at ensuring a bright future for our department and our students.

All the meetings were skillfully chaired by our esteemed Head of the Department, Dr. Rohit Kanauzia, whose guidance and leadership have been instrumental in shaping the department's success.

One of the standout moments in this series of meetings was about the gathering held on 6th September 2023. During this session, Dr. Mridula, Associate Dean Academics and IQAC, presented a comprehensive overview of AQMS (Academic Quality Management System) to the faculty members. Her detailed presentation provided valuable insights into AQMS, setting the stage for important discussions regarding our department's academic processes.

The outcomes of these meetings will contribute to the ongoing growth and success of the department.

Successful completion of National Research Methodology Workshop

Ms. Vishaka and Ms. Anshoo Bhatia, the Assistant Professor's in the department, recently participated in a comprehensive "Three Days National Online Workshop on Research Methodology," which took place from September 12th to September 14th, 2023.

The "Three Days National Online Workshop on Research Methodology" was a vital academic event designed to enhance the research skills and knowledge of participants. This workshop provided a platform for scholars, educators,

and researchers to delve into the intricacies of research methodologies, share insights and learn from experts in the field.



Their active participation in this workshop showcased their commitment to academic growth and research excellence. The engagement in this valuable learning experience allowed them to gain profound insights into contemporary research methodologies, data analysis techniques and best practices in academic research.

During the three-day workshop, they actively engaged in various sessions, discussions and practical exercises. The dedication to expanding their research acumen was evident as she explored diverse research paradigms, data collection methods and statistical analysis tools.

Role as Session Chair at IC3I-2023 Conference

Dr. Rohit Kanauzia, Head of the Department, participated as Session Chair in the 6th International Conference on Contemporary Computing and Informatics (IC3I-2023). This prestigious conference, hosted by Amity University, Greater Noida, from September 14th to 16th, 2023, brought together scholars, researchers, and professionals in the field of contemporary computing and informatics.



Dr. Kanauzia, serving as the Head of the Department of Cyber Security, played a pivotal role as a Session Chair during the conference, reflecting his expertise in the field. In this capacity, he moderated and facilitated sessions,

ensuring the smooth conduct of academic discussions and creating an environment conducive to the exchange of ideas and knowledge.

Dr. Kanauzia's active participation significantly contributed to the success of IC3I-2023, allowing him to share his expertise and gain exposure to the latest research trends.

This involvement reaffirms our department's commitment to academic excellence, research and knowledge sharing. We extend our heartfelt congratulations to Dr. Rohit Kanauzia for his remarkable contribution and anticipate his continued involvement in future prestigious events, inspiring our department to aim for greater heights in academic endeavors.

Research Presentation at IC3I-2023

On September 14, 2023, Ms. Soumya Upadhyay, an Assistant Professor in our department, had the privilege of representing our University at the International Conference on Contemporary Computing and Informatics (IC3I-2023), hosted by Amity University in Greater Noida. She presented her research paper titled 'A Numerical Approach to Predict Breast Cancer using various Machine Learning Algorithms.' This noteworthy participation not only underscores Ms. Upadhyay's unwavering dedication and expertise but also highlights our department's commitment to advance the boundaries of research in this constantly evolving field.



Dr. Rohit Kanauzia, the Head of the Department and two students, Ms. Anupriya Kumar and Mr. Alok Kumar, served as co-authors on this research paper. As they continue their academic journey, preparing for upcoming conferences and research endeavors, we extend our heartfelt congratulations and unwavering support.

Moreover, the conference featured keynote talks delivered by Dr. Brij Mohan Singh, Pro-Vice Chancellor, and Dr. Mridula, Associate Dean Academics and IQAC."

Engineer's Day Celebration: Inspiring Future Engineers

Engineer's Day, a day dedicated to celebrating the contributions of esteemed engineers to society, witnessed a

unique initiative this year. Under the banner of "Service to Society", two exceptional engineers, Ms. Anshoo Bhatia and Mr. Varun Mishra from the department, shared their expertise in guiding and inspiring the younger generation.



हेतू कोर कॉलेज ने किया अद्भुत प्रयास

कक्षाओं में शिक्षण के अलावा, हेतू कोर कॉलेज ने अपने छात्रों को आधुनिक प्रौद्योगिकी और अनुसंधान के क्षेत्रों में प्रोत्साहित करने के लिए अंतरराष्ट्रीय स्तर पर आयोजित IC3I-2023 में भाग लेने का अवसर प्रदान किया। इस अवसर पर, डॉ. सोम्या उपध्याय ने 'A Numerical Approach to Predict Breast Cancer using various Machine Learning Algorithms' शीर्षक का एक शोध पत्र प्रस्तुत किया।

अभिव्यंता दिवस पर छात्रों को मार्गदर्शन देने का प्रयास

इंजीनियरिंग दिवस के अवसर पर, 'Service to Society' के अंतर्गत, दो उत्कृष्ट इंजीनियर, मिस. आंशू भटिया और मिस. वरुण मिश्रा, अपने ज्ञान और अनुभव को साझा करने के लिए छात्रों को मार्गदर्शन प्रदान किया। उन्होंने छात्रों को इंजीनियरिंग के विभिन्न क्षेत्रों में रुचि रखने और अपने करियर में सफलता प्राप्त करने के लिए प्रोत्साहित किया।

Engineer's Day has always been an occasion to honor the remarkable achievements of engineers who have shaped our world. This year, on 15th September 2023, Ms. Anshoo Bhatia and Mr. Varun Mishra, as part of the "Service to Society" initiative, embarked on a commendable endeavor.

In a significant event held at the 'Ambition Public Senior Secondary School, Roorkee' they conducted an enlightening and relevant session for students who are currently making crucial career decisions after completing their 12th grade. Their aim was to shed light on various career paths available in the field of engineering and illuminate the diverse opportunities that lie ahead for aspiring engineers.

During this engaging session, these accomplished engineers shared valuable insights with the students, who are at a crossroads in their academic and professional journey. They discussed various career avenues, providing a glimpse of the ever-evolving technological landscape and the challenges it presents.

Ms. Anshoo Bhatia and Mr. Varun Mishra also introduced the students to "FutureSkill Prime" courses, designed to equip individuals with the necessary skills and knowledge for the rapidly changing job market. Through this discussion, they unveiled exciting opportunities for students to prepare for the challenges of the dynamic technological landscape.

"Service to Society" initiative not only celebrates the spirit of engineers but also plants seeds of aspiration and excellence in the hearts and minds of future engineers. It exemplifies the commitment of Ms. Anshoo Bhatia and Mr. Varun Mishra,

along with the department, to empower and guide the engineers of tomorrow.

We appreciate their efforts for not just celebrating Engineer's Day but also sowing the seeds of ambition and excellence in the hearts and minds of the next generation of engineers.

Inspires Future Engineers with Innovative Projects on Engineer's Day

COER University celebrated Engineer's Day on September 15th to emphasize the significance of engineering in our daily lives and inspire young minds to pursue engineering careers. The university marked this occasion by showcasing several innovative projects at the Computing Block, underscoring its dedication to fostering talent and contributing to the nation's progress.

During the celebration, the department presented the following projects:

- i. **Detection Of Neurological Disease and Alzheimer:**
Presented by 3rd-year students Vaibhav, Hemant Kumar, Swatank Chand, Prashant Kumar.
Guided by Ms. Soumya Upadhayay.
- ii. **NEO-Ai based Voice Assistant:**
Presented by 3rd-year students Yanya Singh, Raj Nandan.
Guided by Ms. Soumya Upadhayay.
- iii. **AI Powered Smart Glass:**
Presented by 2nd-year students Khadija, Krishna Arora.
Guided by Mr. Vinay Saroya.



These projects exemplify the university's commitment to nurturing innovation and preparing students for impactful contributions to the field of engineering.

Department Shines at the Science and Technology Teachers' Conference 2023-24

Ms. Renu Bahuguna, Ms. Anshoo Bhatia and two students, Ms. Aafia Hussain and Mr. Suchir Kaushik, represented the department in the Science and Technology Teachers' Conference 2023-24 organized by the Uttarakhand Science Education and Research Center (USERC) on September 16, 2023, at the IRDT Auditorium in Dehradun.

Dr. Anita Rawat, USERC's Director, welcomed all participants and highlighted the center's initiatives to promote scientific awareness, including establishing 200 Science Awareness Centers and 42 STEM laboratories in remote areas.

The Chief Guest, Dr. Dhan Singh Rawat, Uttarakhand's Education Minister, attended the event, which was presided over by Shri. Khajan Das, MLA of Rajpur Road Assembly Constituency. Eminent speakers like Dr. Kalachand Sain and Shri Jayaraj discussed the significance of science education and career prospects.



The program also recognized 15 teachers with the "Uttarakhand Science Education Propagation Award 2023" in various categories. Dr. Om Prakash Nautiyal conducted the event, which drew active participation from scientists, educators, teachers and more than 275 attendees from various educational institutions.

Unveiling the Department Newsletter on a Special Occasion

We are happy to announce the launch of our department's official newsletter, a platform that promises to keep our community informed and engaged. This momentous occasion was marked by the birthday celebration of our



esteemed Hon'ble Chancellor, Shri J.C Jain Ji, on September 18th, 2023.



The newsletter stands as a testament to our department's commitment to fostering communication and sharing knowledge within our academic community. It will serve as a valuable resource for updates on departmental activities, achievements, and insightful articles from our faculty members.

On the occasion of Shri J.C Jain Ji's birthday, we took the opportunity to not only celebrate this auspicious day but also launch this exciting new venture. We believe that the newsletter will be a valuable tool in maintaining transparency and fostering a sense of belonging among our department members.



What to Expect:

Insightful Articles: Our faculty members will contribute their expertise through articles on various topics, offering valuable insights and perspectives.

Announcements and Achievements: Stay updated with departmental events, academic achievements and notable recognitions.

Spotlight on Students: Recognizing the outstanding achievements and contributions of our talented student community.

We extend our heartfelt gratitude to Shri J.C Jain Ji for being a constant source of inspiration and supporting the

department. This newsletter is a reflection of commitment to uphold his vision of academic excellence.

The launch of our newsletter was a fitting tribute to our Hon'ble Chancellor, whose visionary leadership has been instrumental in guiding our university to greater heights. Shri J.C Jain Ji's commitment to academic excellence continues to inspire us all.

The launch ceremony was a grand affair attended by notable dignitaries from COER University:

- Smt. Sunita Jain, Vice-Chairperson: Her unwavering support for the university's mission and vision is truly commendable.
- Shri. Shriyance Jain, Pro-Chancellor: His dedication to ensuring the highest standards of education is an inspiration to us all.
- Smt. Charu Jain, Executive Director: Her visionary leadership has played a pivotal role in the university's growth and development.
- Dr. Pankaj Gupta, Vice-Chancellor: His commitment to academic excellence continues to drive the university forward.
- Dr. B.M Singh, Pro-Vice-Chancellor: His guidance and expertise have been invaluable to our department.
- Dr. Manish Mathur, Registrar: His administrative prowess has been instrumental in the smooth functioning of the university.
- Dr. Rohit Kanauzia, Head of Cyber Security Department: Our department's leader, whose vision and dedication made the newsletter's launch possible.

The newsletter represents a commitment to knowledge sharing, transparency and fostering a sense of community within our department. We believe it will serve as a valuable resource for our faculty, staff and students.

Successful Completion of First Mid-Term Examinations

The department has successfully completed Mid-Term First examinations, which took place from September 19th to 22nd, 2023. These examinations mark a crucial checkpoint in academic calendar and play a pivotal role in assessing students' progress.

The students demonstrated their commitment to academic excellence by preparing diligently for these mid-term assessments. They exhibited resilience and determination in their pursuit of knowledge.

The unwavering support and guidance of the faculty members played a significant role in ensuring the smooth conduct of the examinations. Their dedication to nurture the students' academic growth is commendable.

The examinations were conducted with utmost integrity and in strict adherence to academic standards that reflects the commitment to maintain the highest level of academic integrity.



As we move forward in the academic year, we encourage our students to continue their dedicated efforts and strive for excellence in their studies. The results of these mid-term examinations provide valuable feedback that will help students identify areas for improvement and refine their academic strategies.

Elevating Excellence in Education: Our 1st Internal Academic Audit for Odd Semester 2023-24"

The department recently conducted its 1st Internal Academic Audit for the Odd Semester 2023-24 from 24th September 2023, with a primary objective to uphold and enhance the quality of education offered while pinpointing areas that might require improvement. This audit served as a crucial mechanism to ensure that the academic programs align with the highest standards of quality and excellence.



Coordinated by Mr. Sharad Singh, PAC (Programme Advisory Committee) Convener, the audit meticulously assessed various aspects of academic offerings. These aspects included curriculum structure, teaching methodologies, assessment strategies, and faculty-student interactions.

The audit process involved a thorough examination of each of these components to identify areas for enhancement. The findings from this audit will serve as a valuable foundation for continuous improvement, helping us refine our academic processes and ensure they remain relevant and effective in delivering the best possible education to our students. This commitment to maintain excellence in education is at the core of the department's mission and we look forward to implement the audit's recommendations to further elevate the quality of our academic programs.

Students Excel at G20 University Connect in Adherence to UGC Guidelines

The G20 University Connect is an international platform that brings together students from universities worldwide to engage in discussions and debates on global issues.



This event provided a unique opportunity for young minds to exchange ideas, collaborate on solutions and contribute to shaping the global narrative. Participants from various academic backgrounds come together to explore pressing global challenges and share their perspectives on topics related to economics, politics, sustainability and more.

The G20 University Connect was held on September 26th, 2023, took place in an online mode, in strict adherence to the guidelines set forth by the University Grants Commission (UGC).

The department takes pride in maintaining the highest standards of adherence to regulatory guidelines.

Empowering Future Experts: The Department's Project-Based Learning 2nd Review."

The department concluded the 2nd review of its Project-Based Learning initiative, a significant milestone that took place from the 25th to the 27th of September 2023. During this review, students had the opportunity to present their

ongoing projects to the Department Research Committee for evaluation.

This platform allowed students to showcase the progress they have made on their respective projects and share their comprehensive progress reports. The review process was designed to provide valuable feedback and insights to the students, helping them refine their projects and ensuring they align with the department's academic standards. It also served as a platform to encourage students' critical thinking, problem-solving and presentation skills, preparing them for real-world challenges.



The successful completion of this 2nd review signifies the department's commitment in fostering experiential learning and preparing its students for future success in the ever-evolving field.

Enriching Knowledge in Business Process Analysis

Ms. Soumya Upadhayay, Mr. Vinay Saroya and Ms. Akanksha Jain, representing the department, actively engaged in a significant learning opportunity by participating in the webinar "Business Process Analysis: Role of Process Modeling, Simulation and Optimization" held on September 27, 2023.

They made valuable contributions during the webinar, showcasing their expertise and enthusiasm for the subject matter. Their active participation added depth and insight to the discussions, enriching the overall learning experience.



The webinar provided a platform for the exchange of knowledge and insights in the domain of Business Process

Analysis. They actively shared their perspectives, fostering a dynamic and interactive learning environment.

Unlocking the World of Cyber Security: Industrial Visit to Uttarakhand Police's Cyber Cell

The department orchestrated a highly informative "Industrial Visit to Cyber Cell, Uttarakhand Police, Dehradun" on 27th September 2023. The primary objective of this visit was to educate and motivate students, emphasizing the critical importance and relevance of the field. The coordination of this visit was undertaken by Mr. Vinay Saroya and Ms. Soumya Upadhayay, who ensured its successful execution. A total of 30 students and two faculty members had the unique opportunity to immerse themselves in the realm of Cyber Security during this visit.



The visit encompassed a wide array of objectives that collectively provided participants with a comprehensive understanding of Cyber Security. These objectives included gaining insights into the day-to-day operations of a Cyber Cell, witnessing practical applications of cybersecurity concepts, understanding cybercrime investigation techniques, and exploring the legal framework that governs cybercrimes. Participants also delved into the intricacies of incident response, examined the ever-evolving cyber threat

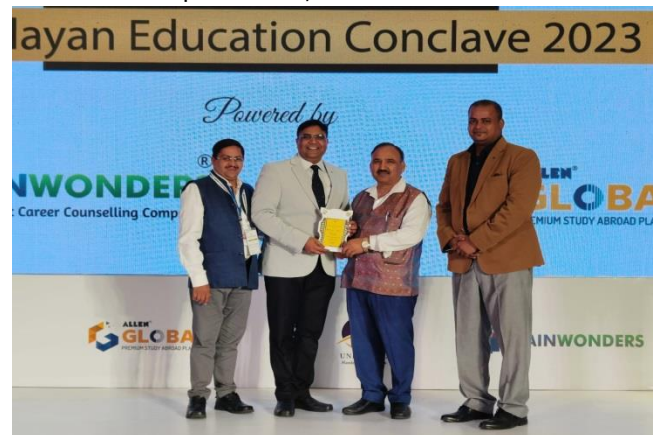
landscape, and examined the pivotal role of technology in preventing and detecting cyber threats.

Furthermore, the visit shed light on the collaborative efforts of the Cyber Cell, highlighting its partnerships with other law enforcement agencies, private organizations, and international bodies in the fight against cybercrime. Additionally, the visit emphasized the role of the Cyber Cell in raising public awareness about cyber security risks and promoting best practices in the field.

Ultimately, this industrial visit not only enriched the participants' comprehension of Cyber Security but also ignited their inspiration to further explore this dynamic and rapidly evolving field. The visit, with its diverse set of objectives and comprehensive learning opportunities, was a testament to the department's commitment to providing its students with a well-rounded education in Cyber Security.

Pro-Vice Chancellor, being named 'Higher Education Leader of the Year'

The department extends its warmest congratulations to Dr. B. M, Pro-Vice Chancellor, COER University, for being awarded the prestigious title of "Higher Education Leader of the Year" at the Himalayan Education Conclave 2023 held in Dehradun on September 28, 2023.



This well-deserved recognition by the Universal Mentors Association reflects Dr. Singh's exceptional leadership, dedication and contributions to the field of higher education. His visionary approach and tireless efforts have undoubtedly played a pivotal role in shaping the educational landscape in the Himalayan region. The department takes immense pride in this achievement and looks forward to his continued guidance and inspiration in our pursuit of academic excellence.

Unlocking the Future of HCI Seminar 2023

The department hosted a Research Seminar titled "Emerging Trends and Applications in Human-Computer Interaction

(HCI)" on September 29, 2023, at the Computing Block coordinated by Ms. Soumya Upadhyay. The seminar featured renowned Resource Person, Prof. (Dr.) Tanupriya Choudhury from Symbiosis International University, Pune, who shared valuable insights into the evolving field of Human-Computer Interaction and its diverse applications. Prof. Choudhury's presentation covered emerging trends in HCI, highlighting its growing importance in modern technology. The seminar explored HCI applications in domains such as healthcare, education, and entertainment.



An interactive session allowed attendees to engage in discussions with Prof. Choudhury. Following the seminar, he interacted with faculty members, fostering potential research collaborations and joint projects in HCI. This seminar not only enriched understanding but also opened doors for future research endeavors, contributing to the department's academic excellence in Cyber Security and HCI. The department extends gratitude to Prof. Tanupriya Choudhury for his invaluable contributions and looks forward to future collaborations and knowledge sharing.

Fostering Academic Excellence and Collaboration

The department scheduled a special event, Parent Day, on the 30th of September 2023. During this event, the department aimed to establish a crucial connection between the academic journey of its students and the involvement of their parents. Parents were invited to the department, where they had the opportunity to engage with their child's academic progress through one-on-one meetings with their respective mentors. These meetings served as a platform for mentors to provide valuable insights into the students'

performance, both academically and in terms of personal development.

Parents received comprehensive updates about their wards' progress, including their strengths, areas for improvement, and future academic plans. This initiative fostered open communication between the department, students, and parents, reinforcing the department's commitment to the holistic development and success of its students.



Parent Day served as a valuable opportunity for parents to actively participate in their child's educational journey, ensuring a supportive and collaborative approach towards academic excellence.

Remarkable Milestone: Mr. Rao Athar Khan's Prestigious Placement



An achievement within the department that fills us with immense pride and joy. Mr. Rao Athar Khan, a final-year student of our department, has secured a prestigious placement during the Campus Recruitment Drive conducted by Rubico-IT.

Mr. Khan's placement as a Software Engineer at Rubico-IT is a testament to his hard work, dedication and the exceptional

quality of education he has received in our institution. His success reflects not only his own capabilities but also the comprehensive and rigorous training provided by our department. This achievement serves as an inspiration to all our students and underscores the value of persistence and commitment. We are confident that Mr. Rao Athar Khan will continue to excel in his career and bring further laurels to our department and university. We extend our heartfelt congratulations to Mr. Rao Athar Khan and wish him a brilliant and prosperous career ahead. His success is a reflection of the excellence that we continually strive to instill in our students. We look forward to celebrating more such achievements from our talented students in the future.

Faculty Excellence: Celebrating Research Pioneers in Optical and Quantum Electronics

Dr. Maneesh Kumar Singh, Assistant Professor in the department, dedication to research and academic excellence has led to the publication of a paper titled "A Highly Sensitive Surface Plasmon Resonance Sensor Based on Black Phosphorous in the Visible Region" in the prestigious journal, Optical and Quantum Electronics (*SCIE Indexed Journal with an Impact Factor of 2.79).

This remarkable achievement not only showcases his expertise but also reflects the high standards of research and scholarship upheld by our institution. His contribution to the field is commendable and we are proud to have such dedicated individuals as part of our academic community.



We extend our warmest congratulations to Dr. Maneesh Kumar Singh on this significant milestone. Their work is a source of inspiration for all of us, and we look forward to more groundbreaking contributions from them in the future.

You can read their paper at this link, <https://doi.org/10.1007/s11082-023-05419-y>

Rising to Excellence Through Internship Achievement

Mr. Rao Athar Khan, our final year student successfully culminated rewarding internship undertaken by one of our distinguished final-year students. This internship opportunity was hosted by K3S Projects India Pvt Ltd, spanning from the 1st of July to the 31st of August in 2023. Throughout the course of this internship, Mr. Khan exhibited exceptional dedication, enthusiasm, and a profound commitment to learning. His experiences at K3S Projects India Pvt Ltd provided him with invaluable hands-on experience, allowing him to apply the knowledge and skills acquired during his academic journey. Engaging in various tasks and projects relevant to his field of study, Mr. Khan deepened his comprehension of real-world applications and industry practices. Furthermore, his interactions with seasoned professionals in the field enriched his understanding and offered valuable insights into the corporate landscape.

Mr. Rao Athar Khan's performance during the internship was nothing short of commendable. His unwavering dedication to assigned tasks, coupled with adept problem-solving abilities and seamless adaptation to the professional work environment, earned him accolades.



This successful completion of the internship not only enhances Mr. Khan's academic portfolio but also positions him for a promising career in his chosen field. We are confident that the experiences and skills acquired during this internship will substantially contribute to his professional development.

In recognition of his achievements, we extend our heartfelt congratulations to Mr. Rao Athar Khan on the successful completion of his internship at K3S Projects India Pvt Ltd.

His diligence and hard work exemplify the commitment to excellence that we endeavor to instill in all our students.

Student's Certification from Coursera

The department warmly congratulates Mr. Saksham Pal and Ms. Yanya Singh, both 3rd-year students, on the successful completion of the 'Introduction to Front-End Development' and 'Crash Course on Python' courses on Coursera.

Their unwavering dedication to honing their skills in these crucial tech domains is truly impressive and demonstrates their preparedness to adapt to the ever-evolving landscape of front-end development and Python programming.



This achievement not only mirrors their hard work but also underscores their eagerness to embrace the dynamic tech world. We have confidence that their newly acquired knowledge will be a valuable asset on their academic and professional journey and we eagerly anticipate their continuous growth and success in the technology field.

Forthcoming in September 2023

1. Outreach Activity: Service to Society on 5th October 2023.
2. Alumni Interaction meeting on 12th October 2023.
3. Workshop of IoT on 17th October 2023.
4. Seminar on MoU on 21st October 2023.
5. Student Advisory Board meeting.
6. Student Open House Interaction.
7. Mathan-2023.

Thank you for being a part of our journey! Stay vigilant, stay secure and stay connected with us for more updates and insights. Until next time, keep your digital world safe!

We are constantly striving for excellence and value your input. Please feel free to share your feedback and suggestions with us at hod.cy@coeruniversity.ac.in. Your insights are important to us.