COER UNIVERSITY

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# OCTOBER

# NEWS LETTER

# DEPARTMENT OF CYBER SECURITY

# DEPARTMENT OF CYBER SECURITY
## COLLEGE OF SMART COMPUTING
### AN OFFICIAL E-NEWSLETTER OF DEPARTMENT OF CYBER SECURITY

### From the Desk of Editor: Exploring Excellence: Inside the October 2023 Cyber Security Newsletter



Welcome to the latest edition of the Department of Cyber Security's monthly newsletter. As we journey through this month, our newsletter is brimming with a rich tapestry of remarkable achievements, insightful experiences, and invaluable insights. This edition encapsulates the diverse and dynamic happenings within our department and the wider COER University community. From extending heartfelt Diwali greetings from our Hon'ble Chancellor to exploring professions impervious to AI, from enhancing communication and feedback through the presentation of our department newsletter to highlighting key takeaways from the 6th Academic Council Meeting, there is something for everyone.

We delve into initiatives that shape the leaders of tomorrow with our "Future Leaders, Present Change" school outreach program and share the latest strides in academic excellence, including academic process enhancement meetings and collaborations with esteemed institutions such as PEC University and NITTTR, Chandigarh.

Celebrating the excellence of our faculty, we showcase the successful completion of the Data Analytics with Cognos by IBM program and shed light on a remarkable seed grant for a community development program. Our technical festival, Mathan-2023, takes center stage, focusing on security and IT innovation.

We invite you to chart the future with visionary insights from the heads of our departments and unlock the world of blockchain through a special session. We salute the champions of MANTHAN-2K23 and recognize outstanding research in areas such as water drinkability and machine learning.

Exploring the realm of IoT and edge computing, we empower minds through workshops. The newsletter also reveals glimpses of our commitment in fostering research excellence and nurturing innovation.

As we continue to advance in the pursuit of academic excellence, our department is resolute in our dedication to provide holistic development. We explore student-centric approaches, celebrate remarkable certification achievements in Cyber Security, and acknowledge the completion of internships in Cyber Security and ethical hacking. Our students' achievements in UTU Games and their practical experiences in web development and Blockchain technology are also celebrated.

We present a literary tribute to friendship through the anthology "Mera Humdum Mera Dost" and shine a light on students' accomplishments in Java programming and cybercrime investigation.

This newsletter is a testament to our department's unwavering commitment to excellence, innovation, and continuous growth. We invite you to immerse yourself in the stories, experiences, and achievements that define us as a community of forward-thinkers and educators. Thank you for being part of our journey, and we hope you find inspiration in the pages that follow.

(Dr. Rohit Kanauzia)
**HOD, Department of Cyber Security,
College of Smart Computing, COER University**

### Warm Diwali Greetings from Hon'ble Chancellor, COER University



**Dear Readers,**

On this auspicious occasion of Diwali, I extend my heartfelt wishes to all of you. Diwali, the Festival of Lights, holds profound significance as it signifies the triumph of light over darkness and good over evil. This celebration beautifully resonates with the essence of our university's vision and mission.

At COER University, our vision is to be a guiding light of knowledge and innovation, leading us towards a brighter and more inclusive future. Diwali reminds us of the power of knowledge and wisdom, much like the way lamps dispel darkness; knowledge dispels ignorance. Let us persist in our

pursuit of excellence in education and research, contributing to societal progress and the welfare of all.

Our mission at COER University is to nurture talent, foster creativity, and encourage holistic development. Diwali encourages us to share the light of love, compassion, and goodwill with others. Let's reach out to support one another, creating a harmonious, inclusive community that celebrates diversity and unity.

As we illuminate our homes and hearts during Diwali, let's also ignite the flames of curiosity, innovation, and collaboration within. Together, we can achieve greatness and make a positive impact on the world.

May this Diwali bring joy, prosperity and success to you and your loved ones. Let's work together to realize our university's vision and mission, lighting the path to a brighter future for all.

Wishing you and your loved ones a very joyous and prosperous Diwali!

Warm regards,

Shri. J. C. Jain
**Chancellor, COER University**

### Fostering Student Success at COER University

COER University is renowned for its unwavering commitment to academic excellence and its dedication to preparing students for success in the real world. With a proven track record of fostering student success, the institution's innovative strategies and supportive academic environment have set it apart as a leader in higher education. Some of the strategies pursued to achieve this success are as follows:

#### 1. A Bridge to the Future
COER University actively motivates and engages students by connecting coursework directly to their career aspirations. This approach not only fuels academic achievement but also propels students towards success in their future endeavours.

#### 2. Beyond the Books
Students actively participate in extracurricular activities, clubs, and community service, enriching their personal lives and equipping them with essential skills sought after by employers.

#### 3. High-impact educational practices
These practices include internships, projects, guest lectures, and seminars, hackathons and competitions which yield impressive results. Statistics indicate that students engaged in such experiences are more likely to secure job placements within six months of graduation.

#### 4. Peer Leadership
Surveys reveal that most students attribute their achievements to the supportive peer community at COER University. Peer mentoring and collaboration foster a sense of belonging and empowerment.

#### 5. Robust Alumni Network
Alumni provide mentorship, networking opportunities, and job referrals to current students. This network further solidifies COER University's commitment to student success.

#### 6. Teaching Thinking Skills
Furthermore, the university places a strong emphasis on teaching the thinking skills necessary for academic and professional success. Courses are designed to cultivate analytical thinking, creativity, and adaptability, aligning students with the demands of today's job market.

#### 7. Tailored Training Programs
Recognizing that each student is unique, COER University offers tailored training programs to enhance each student's capabilities. These programs focus on personal growth and skill development, with an emphasis on self-improvement rather than competition with others.

#### 8. Course Design and Assessment
The university is committed to designing, implementing, and assessing courses to support student learning and success. Faculty members regularly review and adapt their teaching methods to ensure that they meet the evolving needs of students and the demands of the job market.

In conclusion, COER University continues to shape the leaders of tomorrow, with the innovative strategies and supportive environment acting as a catalyst for transformation and a bridge to a brighter future for all who pass through its doors.

(Charu Jain)
**Executive Director, COER University**

### Careers Unaffected by AI Domination



It is undeniable that the rise of artificial intelligence has profoundly impacted numerous industries, leading to concerns about job security and the future of human employment. However, it is crucial to acknowledge that certain professions still necessitate the unique qualities inherent to human intelligence and emotional understanding. Let's delve deeper into the key roles that AI is not yet equipped to replace: It is undeniable that the rise of artificial intelligence has profoundly impacted numerous industries, leading to concerns about job security and the future of human employment. However, it is crucial to acknowledge that certain professions still necessitate the unique qualities inherent to human intelligence and emotional understanding. Let's delve deeper into the key roles that AI is not yet equipped to replace:

**Medical Professionals:** Despite AI's advancements in healthcare, tasks requiring complex decision-making, empathy, and real-time critical choices remain beyond the capabilities of AI. The nuanced understanding of patient needs, emotional support, and personalized care provided by healthcare professionals cannot be replicated by technology alone.

**Teachers:** Although AI can aid in educational processes, the role of a teacher extends far beyond imparting knowledge. Teachers offer emotional guidance, interpret social cues, and adapt their teaching approaches to cater to individual students' needs. The empathetic and dynamic qualities exhibited by skilled educators are essential in fostering holistic learning experiences that AI cannot fully emulate.

**Software Professionals:** While AI can automate certain coding processes, the creative thinking, problem-solving skills, and adaptability required in software development are still areas where human expertise excels. Handling unforeseen challenges in coding and designing innovative solutions necessitate a level of intuition and creativity that AI currently struggles to replicate.

**Marketing and Creative Experts:** AI can enhance marketing strategies, yet the storytelling abilities, understanding of consumer psychology, and the capacity to forge genuine connections with target audiences remain distinctly human skills. The ability to create compelling narratives and build emotional connections is an art form that AI, at its current stage, cannot fully comprehend.

**Psychology and Mental Health Professionals:** Professionals in this field possess a deep understanding of human behavior, emotions, and mental health intricacies. Their ability to establish trust, provide empathetic support, and tailor treatment plans according to individual needs is indispensable. While AI can aid in diagnosis, the emotional intelligence and personalized care provided by mental health practitioners remain irreplaceable.

**Farming and Agriculture Experts:** The intricacies of farming, such as understanding soil health, ecological balance, and local weather patterns, require a level of nuanced decision-making that AI currently cannot fully replicate. The hands-on knowledge and experience of agricultural professionals are indispensable in ensuring efficient and sustainable farming practices.

In an age of remarkable technological advancement, it is reassuring to acknowledge that certain tasks still necessitate the unique attributes of human interaction. The creativity of a marketer, the expertise of a healthcare professional, or the compassion of an educator exemplify the intricate complexity of human existence in the digital era. Rather than fearing the rise of AI, we can embrace it as a tool to enhance our capabilities and leverage our distinct human qualities to continue thriving in a rapidly evolving world.

*Let's cherish the qualities that will always make us unique as we embrace the future.*



(Soumya Upadhyay)
**Asst. Professor, Dept. of Cyber Security**

### Presentation of Department Newsletter to Senior Officials of COER University: Strengthening Communication and Feedback

The presentation of the Newsletter of the Department of Cyber Security in person to the senior officials of COER University, including the Hon'ble Chancellor, Pro-Chancellor, Executive Director and Vice-Chancellor, by the Head of the Cyber Security Department, Dr. Rohit Kanauzia, holds immense significance. This event not only highlights the department's commitment to effective communication but also serves as a platform for sharing valuable insights and updates with the university's leadership. The senior officials' participation underscores their interest and engagement in the department's activities and achievements.

Their feedback and suggestions further indicate their proactive involvement in fostering continuous improvement and alignment with the university's goals.



The exchange of ideas and feedback between the department and the university leadership enhances collaboration, ensuring that the department's initiatives align with the broader objectives of COER University. This interaction emphasizes the department's commitment to transparency, accountability, and progress, reinforcing its position as a dynamic and forward-thinking entity within the University.

## HOD Student-Centric Approach

In the month of October 2023, the Head of the Cyber Security Department exemplified his unwavering commitment to prioritize students and their educational experience.



Throughout the month, he proactively engaged with students in their classes, ensuring direct and meaningful communication. This engagement created an open and inclusive platform where students felt comfortable sharing their thoughts, ideas, and concerns with the department's leadership.

One of the notable aspects of Dr. Kanauzia's approach was his dedicated focus on collecting feedback from students. This student-centric practice allowed for a valuable exchange of insights, enabling students to actively participate in shaping their educational journey.

Furthermore, Dr. Kanauzia took the initiative to inform students about the latest department updates and policies. This transparent communication ensured that students remained well-informed about the department's activities and changes, contributing to a more accountable and collaborative academic environment.

Dr. Kanauzia's proactive and student-centered approach underscores our department's unwavering dedication to nurturing the holistic growth and development of our student community. We commend Dr. Kanauzia for his efforts and eagerly anticipate more such enriching interactions in the future, as they are pivotal in fostering a supportive and student-focused learning environment.

## Celebrating Faculty Excellence: Successful Completion of Data Analytics with Cognos by IBM Programme

The significant achievement of several faculty members from our department who have demonstrated their commitment to professional growth and academic excellence. These dedicated educators successfully completed the Faculty Development Programme on Data Analytics with Cognos by IBM, a prestigious initiative that took place from October 3rd to 7th, 2023, at COER University.



The program, aimed at equipping our faculty with cutting-edge knowledge and skills in the field of Data Analytics, was an intensive and comprehensive learning experience. It allowed our faculty members to delve into the intricacies of

data analysis, interpretation, and visualization using IBM's Cognos, a renowned platform in the world of data analytics.

The culmination of this transformative journey was celebrated during the valedictory session held on October 9th, 2023, at the prestigious Shangri-La's - Eros Hotel in New Delhi. At this momentous event, our dedicated faculty members were felicitated for their successful completion of the program. Their hard work, dedication and commitment to staying at the forefront of their fields have not only enhanced their own professional development but also enriched the academic environment at COER University.

We extend our heartiest congratulations to these faculty members for their outstanding achievement, and we look forward to witnessing the positive impact of their enhanced expertise on our students and the entire academic community. This success story exemplifies our department's continuous endeavor to provide the highest quality education to our students and uphold our commitment to academic excellence.

## Highlights from the 6th Academic Council Meeting of COER University

On October 5, 2023, the 6th Academic Council meeting of COER University convened in the University Board Room at 10:00 AM. Chaired by the Hon'ble Vice-Chancellor of COER University, this assembly was graced by the presence of distinguished academic leaders, including Dr. B.M Singh, Pro-Vice Chancellor and Dr. S.P Pandey, Pro-Vice Chancellor (Academics), along with several other members of the council.



The meeting provided a platform for the exchange of ideas, insights and deliberations that are integral to the University's academic policies and strategic directions. Among the participants the Head of the Cyber Security department played a crucial role in shaping the discourse. His presence added a valuable dimension to the discussions, specifically regarding various academic processes related to the department. The head of the department actively engaged

in the healthy dialogues that took place during the meeting, contributing to the collective pursuit of academic excellence and the university's mission of providing a high-quality education.

The 6th Academic Council meeting not only served as an opportunity for decision-making but also exemplified the collaborative and forward-thinking spirit of COER University. It was a platform where leaders and academics came together to shape the educational landscape, ensuring that the University remains at the forefront of innovation and excellence. This meeting marked a significant milestone in the ongoing journey of COER University towards providing a world-class education to its students and the broader academic community.

## Fifth Meeting of the Academic Affairs Committee

In October 2023, the Academic Affairs Committee held two consequential meetings, the Fifth and Sixth, on the 3rd and 10th, respectively. Both meetings commenced at 04:00 PM and were held in the prestigious University Board Room, underscoring the gravity of the discussions.

These crucial gatherings were graced by the presence of the Hon'ble Vice Chancellor of COER University, infusing the proceedings with authority and importance. The University leadership's active involvement in these meetings reinforced their significance in shaping the academic direction of the University.



A participant in these meetings was Dr. Rohit Kanauzia, the Head of the Cyber Security Department, who represented the department with distinction. His active involvement exemplified the department's commitment to actively

engage in university-wide academic affairs, reflecting a united approach to educational excellence.

During these meetings, the committee addressed several pivotal agendas:

1. **Review and Monitoring of Academic Excellence Guidelines:** The committee undertook a comprehensive assessment of the Academic Excellence Guidelines, emphasizing the importance of adhering to and enhancing these guidelines to maintain academic standards.

2. **Evaluation of the AQMS Process:** The effectiveness of the Academic Quality Monitoring System (AQMS) process was critically evaluated to ensure its continued contribution to maintain educational quality.

3. **Elevating Research Culture:** Strategies for enhancing the research culture within the university were explored, aiming to foster an environment conducive to academic inquiry and innovation.

4. **Setting Department-Wise Research Targets:** The committee deliberated on the establishment of department-specific research goals, aligning with the broader research vision of the University.

These meetings served as a platform for collaborative discourse and decision-making, embodying the university's commitment to excellence in education and research. The active participation of the department head underscores our dedication to contributing to the academic development and growth of COER University.

As we move forward, we anticipate further collaborative efforts and impactful outcomes that will shape the future of academic excellence within our institution.

### Future Leaders, Present Change: School Outreach Program under the aegis of USERC, Dehradun.

On October 5, 2023, the department hosted a talk session for students from Municipal Inter College, Jawalapur, Haridwar, in collaboration with Uttarakhand Science Education and Research Centre, Dehradun (Govt. of Uttarakhand), aimed to enlighten students about the significance of the Internet in today's student life.

The informative session was led by Mr. Vipin Kumar and Mrs. Anshoo Bhatia, faculty members at the Department of Cyber Security, COER University, who generously shared their knowledge and experiences. The session commenced with an introduction to the Internet, followed by discussions on the following key points:

- The Internet serves as a versatile tool for education, communication, entertainment, and social interaction.
- It provides access to a wealth of information and knowledge, aiding students in their studies, research, assignments, and projects.
- Online education and virtual classrooms on the Internet offer flexible and cost-effective learning opportunities.
- Students can enroll in online courses from Universities worldwide, allowing self-paced learning.
- Online platforms like Zoom, Google Meet, or Microsoft Teams facilitate teacher-student and peer interactions, as well as quizzes and assignments.
- The Internet also offers entertainment, inspiration, and creativity outlets.
- Students can watch videos, listen to music, play games, read blogs, and follow influencers.



Following the presentation, an interactive Q&A session ensued, where students posed various questions related to their career aspirations. Mr. Vipin Kumar and Mrs. Anshoo Bhatia patiently and comprehensively addressed each query. The session concluded with a vote of thanks from the Principal of Municipal Inter College, Jawalapur, who expressed gratitude to COER University for organizing this informative event. He commended Mr. Vipin Kumar and Mrs. Anshoo Bhatia for their valuable guidance and advice, hoping that the talk session would inspire students to pursue their dreams with confidence and enthusiasm.

The talk session was followed by an interactive Q&A session, where the students asked various questions related to their career aspirations, Mr. Vipin Kumar and Mrs. Anshoo Bhatia answered all the questions patiently and satisfactorily.

The talk session concluded with a vote of thanks from the Principal of Municipal Inter College, Jawalapur, who expressed his gratitude to COER University for organizing such a beneficial and informative session for the students.

He also appreciated Mr. Vipin Kumar and Mrs. Anshoo Bhatia for their valuable guidance and advice. He hoped that the event would inspire and motivate the students to pursue their dreams and goals with confidence and enthusiasm.

### Advancing Educational Excellence: Insights from Recent Academic Process Enhancement Meetings

The department's unwavering commitment to educational excellence led us to embark on a journey to enhance and refine our academic processes. To this end, we orchestrated a series of crucial meetings on both the 5th and 18th of October 2023. These gatherings, presided over by the Head of the Department, marked by the participation of all dedicated faculty members.



The collective purpose of these meetings was to scrutinize and revamp the department educational practices, ensuring that they align with the evolving needs of our students and the academic landscape.

During these gatherings, a spirit of collaboration and cooperation permeated the discussions. Faculty members, each contributing their wealth of knowledge and experience, engaged in constructive dialogues aimed at making meaningful improvements. This environment of open exchange and shared insights was instrumental in fostering a positive and innovative atmosphere within the department. The collective dedication to our shared goals, along with the free flow of ideas, further reaffirmed our department's commitment to delivering high-quality education and driving forward our pursuit of academic excellence.

### Academic Collaboration Visit to PEC University and NITTTR, Chandigarh

An academic collaboration visit to PEC University and NITTTR, Chandigarh, took place on October 6, 2023. The visiting representatives from COER University, Roorkee, including Dr. B.M Singh, Pro-Vice Chancellor, Dr. Himanshu Chauhan, Controller of Examination and Dr. Rohit Kanauzia, Head of Cyber Security Department, engaged in fruitful discussions during the visit.

The visit to PEC University, Chandigarh, was marked by insightful discussions with Dr. Sanjeev Sofat, Professor in the Department of Computer Science and Engineering. He emphasized the importance of balancing quantity and quality in the University, highlighting academic excellence as a gradual process. Dr. Sofat recommended the use of open-source tools for Cyber Security programs and the enhancement of cyber security infrastructure through high-end systems and forensic tools.



The best practices discussions included maintaining a high-quality faculty, fostering teamwork and reducing curriculum load. The attendance policies were also considered to improve student engagement. The representatives had a productive discussion with Dr. Divya Bansal, Head of Cyber Security Research Centre at PEC University, who

recommended curriculum alignment, faculty interaction, and a student exchange program.

The visit also involved discussions with Dr. Rama Krishna, Dr. Mala Kala and Dr. Niraj Bala, focusing on faculty training programs, skill enhancement and placement opportunities for the M.Tech students. The importance of hiring industry-experienced faculty and aligning policies with AICTE/UGC standards was emphasized.

The visit has been a valuable exchange of ideas and a significant step in fostering academic collaboration between COER University and these esteemed institutions.

## Mathan-2023: Security and IT Innovation

COER University, in collaboration with 80 teams from institutions across India, including IITs, NITs, and other premier academic organizations, has launched "Manthan-2K23" from 10th to 12th October 2023. This event marked an exciting platform for young innovators to demonstrate their creative prowess and engage in national-level competition.



"Manthan-2K23" exemplified COER University's commitment to nurturing talent, fostering innovation and empowering the next generation of engineers and researchers. It offered students a valuable opportunity to learn, grow, and make a positive impact through their technological innovations.

| Team Name | Team Members | Position |
|---|---|---|
| Genesis | Jalaj Singh, Pratham Balodi, Kartik Mamgain, Parchi Kala Jai Kumar | Winner |
| Binary Brains | Vaibhav Sharm, Yanya Singh, Madhav, Yashveer Singh | 9th |
| | Makhloga, Yuvraj Panwar and Swatank | |
| OSSquad | Aum Vats, Kshitij Kumar and Rohit Pali | 10th |

The day's activities featured several engaging events:

- Hackathon: A 36-hour competition that put students' problem-solving and coding skills to the test.
- Gigabit: A coding competition challenging participants to showcase their coding expertise.
- Robo Fest: An event centered around IoT-based projects, highlighting advancements in this exciting technological field.
- Prayog (Project Exhibition): An exhibition showcasing innovative projects by students.

The department congratulated students for their outstanding performance in Manthan-2K23. The students remarkable achievements in the Hackathon and Project Exhibition reflect the department's commitment to excellence in the field of Cyber Security and Information Technology.

The success of these teams reflects their perseverance and the continuous support provided by mentors, faculty, and the department as a whole. Their achievements set a high standard for future participants and further enhance the reputation of the Department of Cyber Security and Information Technology within the university and the broader academic community.

## Charting the Future: Heads of Department at College of Smart Computing Share Visionary Insights

On 17th of October 2023, a momentous event unfolded as the visionary leaders at the helm of the College of Smart Computing gathered to present their visionary insights. The heads of the respective departments, Dr. Rohit Kanauzia of the Cyber Department, Dr. Sumit Kumar of the Artificial Intelligence and Machine Learning Department, Dr. Kamal Kant of the Computer Science and Engineering Department, and Dr. Gesu Thakur of the Computer Application Department, each took the stage to deliver comprehensive vision presentations.

This significant gathering, marked by intellectual depth and strategic foresight, was graced by Shri. J.C Jain, Hon'ble Chancellor, COER University, who chaired the presentations. The presence the Vice-Chancellor Dr. Pankaj Gupta, and the Pro-Vice Chancellor Dr. B.M Singh, further elevated the occasion. In addition, the event saw active participation from the Deans and Heads of various departments within the University.

During this enlightening session, each Head of Department shared their visionary roadmaps, elucidating the future of

the College of Smart Computing. Their presentations spanned a wide spectrum of topics, encompassing cutting-edge developments, innovative teaching methodologies, and strategic research objectives. The visionary insights offered by these leaders not only shed light on the future direction of the college but also showcased the College of Smart Computing's commitment to academic excellence, research, and innovation.
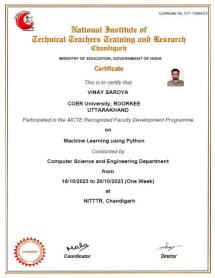


This assembly of visionary leaders, academic luminaries, and distinguished officials reflects the spirit of collaboration and forward-thinking that defines COER University. It serves as a testament to the institution's unwavering dedication to advancing education, research, and innovation, and underlines its aspiration to remain at the forefront of the ever-evolving world of smart computing. This event was not merely a presentation but a collective vision of excellence that will steer the College of Smart Computing towards a promising future, delivering cutting-edge education and contributing to the ever-expanding frontiers of knowledge in the field of computing.

### Faculty Development Programme on "Machine Learning using Python"

Mr. Vinay Saroya, an Assistant Professor in the department, has accomplished a remarkable achievement by successfully completing the Faculty Development Programme on "Machine Learning using Python." This comprehensive program was conducted by the Computer Science and Engineering Department from 16th to 20th October 2023 at the National Institute of Technical Teachers Training and Research (NITTTR) in Chandigarh. Mr. Saroya's participation in this program underscores his commitment to enhancing

his knowledge and expertise in the field of machine learning, an ever-evolving and critical area in today's technology-driven world.



His dedication to professional development will undoubtedly benefit both his students and the institution as a whole, as he brings the latest insights and skills to the classroom, further enriching the academic environment.

### Empowering Students with Blockchain Knowledge

In a resounding commitment to fostering comprehensive learning experiences, the department organized a noteworthy session on Blockchain Technology. This specially tailored session was meticulously designed to cater the educational needs of third-year students and took place on October 17th, 2023, with a 02:00 PM commencement time in AI-ML lab.

Ms. Kanika Agrawal, Assistant Professor at Department of Cyber Security, an expert in the field, played a pivotal role as the key resource person during this enlightening session. With a skilled and articulate approach, Ms. Agrawal led the students through a multifaceted exploration of Blockchain Technology.

The session comprised an array of crucial subjects, which included:

- **Basics of Blockchain and Bitcoin:** Providing a fundamental understanding of the core concepts.
- **Important Terminologies in Blockchain:** Clarifying key terms and jargon.
- **History of Bitcoin:** Tracing the evolution and significance of this pioneering cryptocurrency
- **Characteristics of Blockchain**: Highlighting the unique attributes that make Blockchain a transformative technology.

- **Real-World Cryptocurrency Use Cases:** Offering insights into practical applications and real-world relevance.
- **Bitcoin Ecosystem:** Expanding the students' comprehension of the broader Bitcoin network.
- **Introduction to Consensus Algorithms:** Delving into the critical aspect of network agreement mechanisms.

A cohort of 24 eager and enthusiastic students attended this illuminating session, underscoring their dedication to expand their knowledge in the dynamic field of Blockchain Technology. This session was a testament to the department's unwavering commitment to equipping students with not only theoretical knowledge but also practical insights into emerging technologies. It ensured that our students are well-prepared for the ever-evolving landscape of Cyber Security and related fields.

### Seed Grant for Community Development Programme

Ms. Anshoo Bhatia, one of our Assistant Professors in the department, has recently secured a prestigious seed grant of ₹ 25,000/- (Twenty Five Thousand only) from the Uttarakhand Science Education and Research Centre (USERC), Dehradun, Government of Uttarakhand wide notification no. USERC/2023-24/342 dated 18th October 2023.



This grant has been awarded in recognition of her exceptional dedication to community development and the outstanding potential of her proposed program. Ms. Anshoo Bhatia's achievement highlights her commitment to making a positive impact on our local community and underscores the department's core values of academic excellence, social responsibility, and community engagement.

Her initiative is poised to bring about meaningful change in the region and aligns perfectly with the department's mission to produce individuals who are not only academically proficient but also socially responsible. This accomplishment is a testament to her vision, dedication, and expertise, and it is an inspiration to all of us as it exemplifies the positive impact that can be achieved when academic knowledge is applied for the betterment of society. We look forward to witnessing the transformative results of her Community Development Programme and celebrating her continued success in academia and community engagement.

### Unlocking the World of Blockchain: Special Session

On October 18, 2023, Ms. Kanika Agrawal, an Assistant Professor in the Cyber Security Department, COER University, conducted a special session dedicated to students in their third year of study. The focus of this session was on the intricate and transformative world of blockchain technology.

A total of 24 enthusiastic students attended this insightful lecture, eager to expand their knowledge and understanding of blockchain technology. The session, led by Ms. Kanika Agrawal, provided a platform for students to delve into the intricacies of blockchain, its applications, and its potential impact on various industries and sectors.

This event exemplified the University's commitment in providing students with specialized knowledge and insights in emerging fields such as blockchain. It also underlined the department's dedication to deliver a well-rounded education that equips students with valuable skills and expertise.

As Blockchain technology continues to influence various sectors and industries, including Cyber Security, finance, and supply chain management, the knowledge gained during this session would undoubtedly prove to be a valuable asset to the students' academic and professional journeys.

### Fostering Research Excellence: Insights at COER University's BOR Meeting

The 5th meeting of the COER University's Board of Research (BOR) convened on October 18, 2023, at 11:00 AM, taking place in the prestigious Board Room. Under the guidance and leadership of the Dean of Research, Dr. Muneesh Sethi, the meeting served as a platform for insightful discussions and strategic planning related to the university's research endeavors.

The Head of the Department actively participated in the proceedings. His presence added significant value to the meeting as he shared his extensive experience and invaluable insights on enhancing the university's research landscape. His contribution exemplified the collaborative

spirit of the COER University community, highlighting the collective commitment to advancing research and innovation within the University.



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Uttarakhand 247667, India
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Rehmadpur, Uttarakhand, India
Academic Block, Rehmadpur,
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This meeting reaffirmed the University's dedication in fostering a culture of research excellence and its ongoing pursuit of academic and scholarly advancement.

### Celebrating Saluting the Champions of MANTHAN-2K23: Inspiring the Path to Success

On 19th October 2023, the department took a moment to honor the accomplishments of its students in Manthan 2023. The event served as a crucial catalyst in fostering innovation and unleashing the creative potential of our talented student body.



The Head of Department, delivered an inspiring speech, igniting the students' aspirations to aim higher. Acknowledging and applauding the unwavering dedication of our participants is a splendid means to further fuel their passion for achieving excellence.

This celebration underscored the crucial role played by our mentors, the Head of the Department, and the entire university in cultivating and nurturing the remarkable talents of our students. Sharing their experiences not only signifies their well-deserved success but also paves the way for future generations to follow in their footsteps. The students' stories of achievement serve as an inspiration, motivating others to actively participate in upcoming Technical Fests. This fosters a vibrant culture of participation and continuous learning within our university.

We extend our heartfelt congratulations to the distinguished team members who have demonstrated outstanding dedication and excellence in their respective fields. Your achievements are a testament to your hard work, perseverance, and the unwavering support of our academic community.

Your remarkable achievements have set a high standard for future participants and have further solidified the reputation of our Department of Cyber Security and Information Technology within the university and the broader academic community.

### Nurturing Innovation: A Brilliant Idea Takes Flight

In a noteworthy event on October 19, 2023, Mr. Sudhanshu Saini, a second-year student, showcased his innovative idea for an AI-based Automatic Food-cooking machine. He presented this groundbreaking concept to a distinguished panel, which included Dr. B.M Singh, Pro-Vice Chancellor, Dr. Himanshu Chauhan, Controller of Examination and Dr. Rohit Kanauzia, Head of the Department. The panel was highly impressed by Mr. Sudhanshu's inventive idea, recognizing its potential significance.



It's worth noting that Mr. Sudhanshu's journey of innovation was guided and nurtured by Ms. Akshima Agarwal, an Assistant Professor in the department. Her mentorship played a vital role in shaping and refining this exceptional concept. This achievement not only highlights the innovative spirit within our student body but also underscores the

commitment of our faculty to encourage and support creative thinking and entrepreneurship.

We eagerly anticipate the development and realization of Mr. Sudhanshu's AI-based automatic food-cooking machine and the positive impact it may bring to the world of culinary technology. Congratulations to him and the entire team that contributed to this remarkable endeavor.

### Shining at ICSSAS-2023: Recognizing Outstanding Research on Water Drinkability and Machine Learning

On October 20, 2023, the trio of Ms. Soumya Upadhyay, Mr. Varun Mishra and Mr. Shobhit Prajapati seized a remarkable opportunity to showcase their groundbreaking research paper entitled "Evaluating Water Drinkability: Ensuring Safe Drinking Water with Machine Learning."

Their momentous presentation took place at the esteemed International Conference on Self-Sustainable Artificial Intelligence Systems (ICSSAS) 2023, which was thoughtfully organized by M. P. Nachimuthu M. Jaganathan Engineering College in Chennimalai, Erode.



The dedication and unwavering commitment exhibited by Ms. Soumya Upadhyay, Mr. Varun Mishra and Mr. Shobhit Prajapati in the intricate domain of Machine Learning are nothing short of commendable. Their journey leading to this research presentation was marked by tireless efforts, rigorous investigation, and an unyielding pursuit of excellence. Their research, centered around the pivotal topic of ensuring the safety of drinking water using cutting-edge machine learning techniques, reflects their deep-seated passion for contributing to the academic world and pushing the boundaries of knowledge.
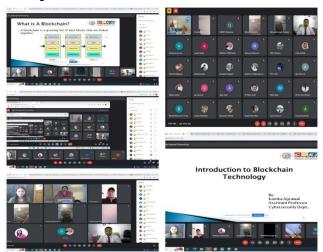
By presenting their research paper at ICSSAS-2023, these talented individuals have not only added to the reservoir of

academic knowledge but have also cast a radiant spotlight on the Department of Cyber Security's unswerving commitment to fostering a culture of research and innovation. It underscores the department's dedication to supporting its students and faculty in their pursuit of groundbreaking discoveries and intellectual contributions to the field.

Participating in a prestigious conference such as ICSSAS-2023 is a defining milestone in the academic and research journeys of these exceptional individuals. It serves as a testament to their exceptional expertise and profound understanding of the subject matter. Furthermore, it highlights their capacity to offer valuable insights and discoveries that hold significance for the broader academic and professional community, thus enriching the collective knowledge pool in the field of self-sustainable artificial intelligence systems. This achievement stands as a testament to their commitment to excellence and their promising futures as contributors to the ever-evolving world of academia and technology.

### Enlightening Session on Blockchain Technology at USERC's "Tech for Sewa" Initiative

On October 21, 2023, the Uttarakhand Science Education and Research Centre (USERC) in Dehradun orchestrated a special expert lecture on the intriguing subject of "Blockchain Technology" as part of the "Tech for Sewa" campaign, integrated within the newly established "Digital Learning Platform" at USERC.



During the inauguration of this initiative, Dr. Anita Rawat, Director, USERC, underlined the paramount significance of science and technology and acknowledged the students' keen interest in these domains. She underscored that the launch of the Digital Learning Platform by USERC is designed to provide students with tailored expert lectures on the first

and third Saturdays of each month. The inaugural lecture in this series was dedicated to the enlightening topic of "Blockchain Technology" and was expertly coordinated by USERC.

As the distinguished authority on the subject, Ms. Kanika Agrawal from the department presented a comprehensive session titled "Introduction to Blockchain Technology." In her engaging discourse, Ms. Agrawal elucidated the core concepts of Blockchain technology and delved into its diverse applications in fields such as banking, agriculture, healthcare, and education. She also drew clear distinctions between Blockchain technology and Bitcoin, providing a far-reaching outlook on the potential future applications of Blockchain technology across various sectors. Ms. Agrawal also actively engaged with the audience, addressing their inquiries.

Dr. Om Prakash Nautiyal, a scientist affiliated with USERC, brought the program to a close with a vote of thanks, emphasizing the imperative need to incorporate technology across all sectors in parallel with technology-driven education. The program prominently featured distinguished scientists from USERC, including Dr. Rohit Kanauzia, Head of the Cyber Security department. This online event garnered the participation of more than 100 individuals, comprising students, educators, and professionals representing various educational institutions across the state.

### Empowering Minds: Exploring IoT and Edge Computing Workshop

In an effort to expand our horizons in the ever-evolving realm of technology, COER University organized an enlightening "One Day Workshop on IoT and Edge Computing: Research Case Study" on October 21, 2023. The event unfolded at the heart of our campus, the Computing Block, and attracted a diverse audience, including students, faculty members, and technology enthusiasts.

The workshop kicked off with a warm welcome to our esteemed session expert, Dr. Sateesh Kumar Peddoju, an Associate Professor from IIT Roorkee, through a ceremonial bouquet presentation. Dr. Rohit Kanauzia, Head of the Department of Cyber Security, graced the event with his presence and delivered the inaugural address. Dr. Kanauzia underlined the workshop's significance, emphasizing the pivotal role of IoT in today's rapidly evolving technological landscape. He encouraged all participants, especially our students, to actively engage and glean the maximum value from the day's enlightening sessions.

Dr. B.M Singh, Pro-Vice Chancellor, COER University, delivered a captivating keynote address, shedding light on the imperative need to deepen our understanding of IoT and

highlighting how smart IoT has seamlessly woven itself into modern life.

In the subsequent technical session, Dr. Sateesh Kumar Peddoju delved into the depths of IoT, Edge computing, and the future prospects of smart IoT. His engaging presentation included real-world examples and case studies that captivated the audience's attention and imagination.



The workshop's grand finale featured a formal vote of thanks, eloquently delivered by Ms. Renu Bahuguna, the coordinator. She extended heartfelt gratitude to the COER University management, technical experts, dedicated faculty members, and enthusiastic students for their active participation and engagement. She also gave a special shoutout to the coordination team, whose meticulous efforts ensured the seamless execution of the workshop. Ms. Vishakha was acknowledged for her role as the master of the workshop, which contributed to the smooth flow of the event.

The "One Day Workshop on IoT and Edge Computing: Research Case Study" proved to be an enlightening and enriching experience, shedding light on the critical aspects of smart IoT practices. The event successfully achieved its goal of fostering awareness and knowledge in these vital domains, thereby contributing to the overall digital literacy of all the participants.

### Charting a Path to Academic Excellence: Pro-Vice Chancellor Leads Progress Review Meeting with Department Heads

On October 25, 2023, as Dr. S.P Pandey, the Pro-Vice Chancellor (Academics) of University, took the lead in conducting a comprehensive progress review meeting. This important session brought together the Heads of all the departments across the university, facilitating a platform for

collaborative discussions on various academic matters aimed at achieving academic excellence.

During this meeting, a wide spectrum of academic issues and strategies was brought to the forefront, underscoring the university's commitment to continuous improvement and innovation in education. The open exchange of ideas and insights among the Heads of Department contributed to the formulation of initiatives that will elevate the academic landscape of COER University.

Dr. Rohit Kanauzia, presented the progress of the department, in which he not only highlighted the department's accomplishments but also provided valuable insights into its ongoing efforts to foster excellence.





The positive feedback received during the meeting further underscores the dedication and hard work of the department and serves as a testament to the collaborative and forward-thinking spirit that defines our university. This meeting exemplified our collective commitment to achieving academic excellence and ensuring that COER University remains at the forefront of innovation and quality education.

### Lifesaving Gesture: Blood Donation Camp with Former Chief Minister Shri Trivendra Singh Rawat

On October 25, 2023, COER University organized a Blood Donation Camp on its premises. The occasion was graced by the presence of a distinguished guest, Shri Trivendra Singh Rawat, the former Chief Minister of the Uttarakhand state.

This benevolent initiative witnessed an overwhelming response from both our vibrant student community and our dedicated faculty members. Their enthusiastic participation

underscored their commitment to a noble cause and their readiness to contribute to the welfare of society.



The Blood Donation Camp served as a testament to COER University's values, emphasizing the importance of giving back to the community and making a positive impact on the lives of others. The selfless act of donating blood not only saves lives but also embodies the spirit of compassion and unity within our university.

We extend our heartfelt appreciation to all the students and faculty members who wholeheartedly participated in this life-saving endeavor. Their active involvement exemplifies the spirit of generosity and social responsibility that defines our University.

### Strategic Meeting of College of Smart Computing Heads: Nurturing Academic Excellence

On 25th October 2023 at COER University, Dr. B.M Singh, Pro-Vice Chancellor, orchestrated a pivotal meeting involving all the Heads of the College of Smart Computing.



This meeting was convened with the aim of fostering collaboration, sharing insights and aligning the strategic

vision of the College of Smart Computing. Dr. Rohit Kanauzia, the Head of the Cyber Security Department, played a crucial role by actively participating in the discussions.

The meeting, under the leadership of Dr. B.M Singh, not only provided a platform for the exchange of ideas but also emphasized the significance of cooperation among academic leaders. It showcased University's commitment to nurture excellence in the field of smart computing and cyber security.

This meeting served as a valuable milestone in advancing our academic initiatives and furthering our dedication to providing world-class education.

### Nurturing Future Cyber Security Experts: Specialized Router Configuration Training

On 26th of October 2023, the Department of Cyber Security organized a special training session, focusing on Router Configuration in Network, specifically tailored for the second-year students. This session was designed to equip students with vital knowledge and practical skills in the field of network configuration, an essential component of their academic journey.



The training session was skillfully coordinated by Mr. Vikrant Rana, Assistant Professor in the department, also an expert in the field and a key member of the department. His leadership and guidance ensured that the session was informative, engaging and valuable for the students, offering them an opportunity to gain hands-on experience in router configuration, a fundamental aspect of cyber security and network management.

This event exemplified in providing its students with practical, industry-relevant knowledge and skills, thereby preparing them for success in their academic and professional endeavors. The specialized training session offered a platform for active learning, skill development and the acquisition of critical competencies that will serve the students well in their future careers.

### Empowering 3rd-Year Students: Python Programming Session in the Emerging Technology Lecture Series

On October 27, 2023, the Department of Cyber Security, under the commendable initiative of the Emerging Technology Lecture Series, organized a special session on Python Programming for third-year students. This session proved to be an invaluable addition to the academic calendar, offering students the opportunity to delve into the world of Python, one of the most versatile and widely-used programming languages. The session was skillfully conducted by Mr. Aman Kumar from the department, who expertly guided the students through various facets of Python. The topics covered during the session encompassed an array of fundamental concepts, from the introduction to Python and its basics, to control structures, data structures, functions, and modules. The discussion further extended into Python libraries and frameworks, shedding light on the vast array of tools available to Python developers. Additionally, students were apprised of the diverse application fields of Python, illustrating its relevance in real-world scenarios. Lastly, the session emphasized the significance of the Python community and the abundance of resources available for aspiring programmers. This session not only fostered a deeper understanding of Python but also underlined the department's commitment to provide students with a comprehensive education, keeping them abreast of the latest advancements in the tech world. Such initiatives are pivotal in preparing students to excel in the rapidly evolving field of computer science and programming, making them well-equipped for the challenges of the future.

### Educators on a Quest for Excellence: Faculty's Participation in AURO University's Faculty Development Program

On October 28, 2023, Mr. Varun Mishra and Ms. Anshoo Bhatia, Assistant Professors from the Department of Cyber Security, COER University, participated in a Faculty Development Program titled "Teaching, Research, and Institution Building in the Contemporary Academia."

This enlightening program was hosted by AURO University in Surat, Gujarat, and it offered an enriching platform for academic professionals to enhance their teaching methodologies, strengthen their research acumen and explore the dynamics of institution building in today's rapidly evolving academic landscape.

Mr. Varun Mishra and Ms. Anshoo Bhatia's active participation in this program exemplified their unwavering dedication to academic growth and their commitment to providing the highest quality education to our students. By

engaging in such initiatives, they not only contribute to the academic community but also enrich the learning experience for our students.



The department applauds Mr. Varun Mishra and Ms. Anshoo Bhatia for their proactive approach to professional development and look forward to witnessing the positive impact of their newly acquired insights and expertise on our academic community.

### Striving for Excellence: Review Meeting for NIRF Application Progress

On October 30, 2023, as part of our ongoing commitment to academic excellence and institutional progress. On this date, Dr. S.P Pandey, the Pro-Vice Chancellor (Academics) of COER University, along with Dr. Mridula, the Associate Dean of Academics and IQAC (Internal Quality Assurance Cell), presided over a crucial meeting.



The primary agenda of this meeting was to review and assess the progress of the application for the National Institutional Ranking Framework (NIRF), a prestigious and comprehensive ranking system for higher education institutions in India. Dr. Pandey presented a comprehensive overview of the application process, emphasizing the significance of each step and the meticulous attention to detail required.

The presence of Dr. Rohit Kanauzia, the Head of the Cyber Security Department, at this meeting added a valuable dimension to the discussions. His expertise and insights contributed to a more informed and strategic approach towards the NIRF application.

This meeting underlines our commitment to meeting the highest standards of quality and transparency, which are integral to our mission of providing world-class education. As we move forward with our application to the NIRF, we are excited about the potential recognition and opportunities that this endeavor may bring to our University and the academic community as a whole.

### Successful Web Development Internship at CodeClause: A Valuable Practical Experience

Mr. Santosh Singh Farswan, a dedicated and industrious third-year student of the department, has achieved a commendable milestone by successfully completing an internship as a Web Development Intern at CodeClause. His internship, which took place from September 1st to October 1st, 2023, was a testament to his commitment to gain practical experience in the field of web development. During his tenure, Santosh skillfully undertook a range of responsibilities, demonstrating his technical proficiency and adaptability in a real-world work environment.

His accomplishments as a Web Development Intern not only reflect his personal dedication to enhancing his skills but also highlight the valuable role of internships in providing students with practical exposure to the industry. Web development is a rapidly evolving field, and Mr. Santosh Singh Farswan's internship experience equips him with hands-on knowledge that is essential for his future career.

Santosh's internship at CodeClause is an indication of his proactive approach to learning and his readiness to contribute to the ever-growing demand for skilled web developers in the technology sector.

### Achievement in UTU Games: A Testimony to Holistic Development

Mr. Ashutosh Kumar, a dedicated and enthusiastic fourth-year student, has made a significant contribution for the department through his active involvement in sports, particularly badminton. The department's focus on fostering holistic development and encouraging students to engage with real-world challenges has played a pivotal role in

shaping his character and readiness for the future. Ashutosh's recent achievement, securing the 2nd position in the UTU games on October 3rd and 4th, 2023, is a testament to his commitment, discipline, and excellence in the realm of sports.



This accomplishment not only reflects his personal dedication to physical fitness and sportsmanship but also highlights the importance of a well-rounded education that extends beyond academics. Ashutosh Kumar's achievements in sports bring honor to the University, inspiring to fellow students and reinforce the idea that excellence can be achieved in various spheres of life, beyond the classroom.

### Mr. Prashant Kumar's Remarkable Certification Achievement in Cyber Security

Mr. Prashant Kumar, a dedicated and driven third-year student of the department, has marked a significant milestone in his academic journey by successfully completing two certification courses from Coursera. On October 18, 2023, he achieved certification in the "Foundation of Cyber Security," showcasing his commitment to understanding and mastering the fundamentals of Cyber Security.



In today's digital age, where data breaches and cyber threats are a constant concern, his accomplishment in this field is of paramount importance.

Additionally, on October 30, 2023, Mr. Prashant Kumar successfully completed the "Play it Safe: Manage Security Risks" certification course. This achievement underscores his dedication to acquiring a comprehensive knowledge of security risk management, a crucial skill in an environment where organizations and individuals are continually exposed to various security threats.

By completing these courses, Mr. Prashant Kumar not only demonstrates his strong commitment to academic excellence but also signifies his preparedness to contribute to the ever-evolving field of Cyber Security and security risk management. His accomplishments reflect the department's emphasis on producing well-rounded individuals who are equipped to address the pressing challenges of our digital era.

### Completion of CFSS Internship in Cyber Security and Ethical Hacking

Mr. Anas, a dedicated and ambitious third-year student of the department, has accomplished a remarkable feat by successfully completing the CFSS Internship on Cyber Security and Ethical Hacking, which took place from September 27 to October 26, 2023.



This achievement signified his commitment to gaining practical expertise in the dynamic and critically important field of Cyber Security and Ethical Hacking. By participating in this internship, he not only honed his technical proficiency but also deepened his understanding of ethical considerations in the realm of Cyber Security.

His successful completion of this program not only reflects his personal dedication and determination but also positions him as a future leader in the field, capable of addressing the pressing challenges of our interconnected world.

### Research Paper Publication: Advancing Superconductor Technology

Mr. Pratham Kumar, a dedicated and ambitious third-year student in the department, has achieved a remarkable

milestone by publishing a research paper titled "Prediction of Critical Temperature of Superconductors using Tree Based Methods with K-Fold Cross Validation" in the prestigious International Research Journal of Engineering and Technology (IRJET) with Impact Factor of 8.226. e-ISSN: 2395-0056, p-ISSN: 2395-0072 Volume: 10 Issue: 10 | Oct 2023.



This accomplishment underscores his commitment to advance knowledge in his field and contributing to the academic community. The research paper focused on predicting the critical temperature of superconductors using tree-based methods with K-Fold Cross Validation. Superconductors have transformative applications and understanding and predicting their critical temperatures can have far-reaching implications in various industries. By publishing in IRJET, a journal known for its high impact factor and rigorous standards, Mr. Pratham Kumar has demonstrated not only his academic prowess but also his potential in making meaningful contributions to the scientific and engineering communities. His achievement adds to the department's reputation for fostering research and academic excellence, and it serves as an inspiration to fellow students, encouraging them to pursue scholarly endeavors and expand the boundaries of knowledge.

## Successful Completion of Virtual Internship at CodeAlpha

Ms. Jaya Shree, a dedicated and forward-thinking third-year student in the department, has achieved a significant milestone by successfully completing a virtual internship at CodeAlpha. Her internship, which took place from September 1st to September 30th, 2023, is a testament to her proactive approach to gaining practical experience and her readiness to adapt to the evolving world of remote work.

During this virtual internship, Ms. Jaya Shree undertook a range of responsibilities, showcasing her versatility and adaptability in a digital work environment. In today's fast-paced and technology-driven world, virtual internships have become increasingly valuable, allowing students like her to gain hands-on experience, develop remote work skills, and build a network of professional connections.



Ms. Jaya Shree's successful completion of this virtual internship reflects her dedication to enhancing skills and commitment to her career development. It is also a testament to her ability to thrive in the ever-changing landscape of work, where remote and virtual work arrangements are becoming the norm. This achievement serves as an inspiration to her peers, emphasizing the importance of adaptability and practical experience in today's competitive job market.

## Successful Completion of Blockchain Technology Internship Program

The successful completion of the 6-week (60-hour) Internship Training program on Blockchain Technology by Mr. Vaibhav, a third-year student, is a praiseworthy accomplishment that underscores his dedication to ongoing learning and his pursuit of the latest advancements in technology. This achievement not only reflects Mr. Vaibhav's commitment to staying updated with cutting-edge technologies but also highlights his readiness to embrace and contribute to the ever-evolving world of Blockchain.
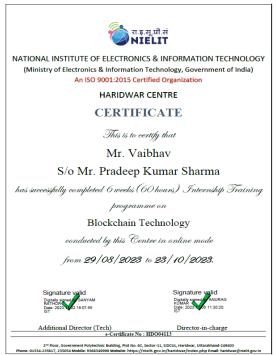
Mr. Vaibhav's dedication to honing his skills and expertise in this domain is of paramount importance as it equips him with valuable knowledge that is in high demand in the digital age. Moreover, his successful completion of this program is a testament to his readiness to contribute to the ever-

evolving landscape of digital innovation and further positions him as a valuable asset in the field of Blockchain technology.



We extend our hearty congratulations to Mr. Vaibhav on this notable accomplishment and we look forward to witnessing the positive impact of his expertise in the future.

## Anthology: "Mera Humdum Mera Dost" - A Literary Tribute to Friendship

The anthology, "Mera Humdum Mera Dost," curated by Mr. Devansh Kumar Namdev, a first-year student of our department, is a remarkable literary endeavor that deserves recognition and applause. This anthology carries a profound dedication to all the cherished friends who hold an irreplaceable place in our lives.



It conveys a powerful message about the enduring nature of friendship, emphasizing that a true friend is a steadfast companion, offering support and camaraderie in all circumstances. The co-authors of this anthology have poured their hearts into their creations, channeling the depth of their feelings for their friends into their work. This anthology, published by "Humrooh Publication House," is not just a collection of writings but a testament to the value of friendship and the art of expression. It serves as a heartwarming reminder of the bonds that unite us. Furthermore, this anthology is now available on Amazon Kindle and the official website of Humrooh Publication House.

https://humroohpublicationhouse.com/

Mr. Devansh Kumar Namdev and the co-authors have achieved a notable milestone in the literary world, and their work is a testament to the power of creative expression in celebrating the beauty of friendship.

## Successful Java Programming Internship Completion at CodeClause

Mr. Vishu Arya, a dedicated and driven second-year student of the department, has achieved a significant milestone by successfully completing an internship focused on Java Programming.



This internship, held at InternPe CodeClause from September 18 to October 15, 2023, is a testament to his commitment to gaining practical experience and honing his skills in a highly sought-after programming language. Java is a cornerstone of the software development industry and is integral to many technology applications.

Vishu's successful completion of this internship not only reflects his personal dedication to enhance his programming skills but also positions him as a valuable asset in the world of software development.

Mr. Vishu Arya's internship success is not just a personal achievement; it also adds to the department's reputation for

producing individuals who are industry-ready and capable of contributing meaningfully to the world of software development.

We congratulate him on this remarkable accomplishment and look forward to witnessing his future contributions in the field.

### Successful Completion of CFSS Cyber Crime Investigation Internship

Ms. Nidhi Bisht, a dedicated and ambitious third-year student of the department, has achieved a commendable milestone by successfully completing the CFSS Internship on Cyber Crime Investigation. This internship, conducted from September 27th to October 26th, 2023, is of paramount importance in the ever-evolving landscape of Cyber Security. Cybercrime has become an increasingly prevalent threat, making the ability to investigate and combat such offenses a vital skill in today's digital age.



Nidhi's successful completion of this internship not only demonstrates her dedication to gaining practical expertise but also positions her as a future defender against cybercrime. Her participation in this program reflects her commitment to staying at the forefront of the field of Cyber Security, which is crucial in safeguarding digital systems and information. The CFSS Internship has equipped Ms. Nidhi Bisht with the knowledge and skills required to address cybercrime issues, making her an invaluable asset in the fight against digital threats.

It also showcases the department's commitment to preparing students for the challenges of the digital world and reinforcing the importance of ethical and responsible use of technology.

### Forthcoming in November 2023

1. Internal Hackathon 3.0.
2. Final on Project Based Learning.
3. Mid Term II examination.
4. Internal Audit-II.
5. Workshop on How to Crack the Placement.

*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.*