## • FDP on Outcome-Based Learning

HMR Institute of Technology and Management organized a Faculty Development Programme on "Outcome-Based Learning: Lecture Planning" on 14th August 2025. Faculty members from various departments participated in the session, which focused on effective lecture planning, alignment of learning outcomes, teaching strategies, and assessment methods under the Outcome-Based Education framework. The FDP reinforced HMRITM's commitment to enhancing teaching quality and academic excellence.
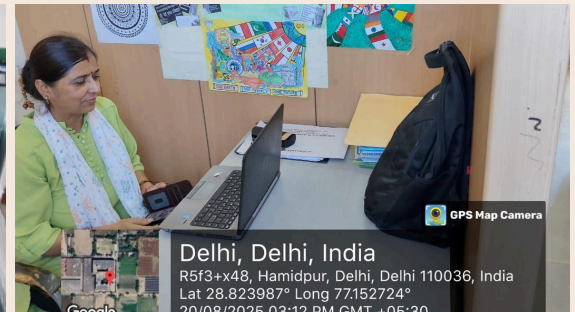
## • Shramdan Activity during Swachhata Drive

In the spirit of the Swachh Bharat Abhiyan, our institution came together to actively participate in the Swachhata Drive held from 1st to 31st August 2025. At the heart of this month-long initiative was Shramdan, where students, faculty, and staff volunteered their time and effort to promote cleanliness and care for the environment.

With enthusiasm and a shared sense of responsibility, volunteers engaged in regular cleaning activities across the campus, covering classrooms, corridors, playgrounds, and canteens. The initiative also reached beyond the campus, as teams stepped out to clean nearby public spaces such as markets, bus stops, and parks, spreading the message of cleanliness within the local community.

The drive not only resulted in a visibly cleaner campus and surroundings but also inspired a positive change in attitudes toward hygiene and waste management. More than just a cleaning effort, the Shramdan Activity strengthened community bonding and reinforced the belief that maintaining a clean and healthy environment is a shared responsibility.

## • Drive "PlaceMints – Your Fresh Start to T&P"

Training & Placement Cell of HMRITM conducted an introductory session titled "PlaceMints – Your Fresh Start to T&P" on 2 September 2025 for B.Tech 5th Semester students. The session outlined the placement process, industry expectations, and preparation strategies, helping students prepare for upcoming recruitment drives.

- ## Pre-Placement Talk by Team Meetmux



Training and Placement Cell organized a Pre-Placement Talk by Team Meetmux on 4 September 2025 for third and fourth year students. The session covered the recruitment process, required skills, and career opportunities, motivating students to prepare effectively for placements.

- ## Smart India Hackathon 2025: Internal Round at HMRITM



The Internal Round of the Smart India Hackathon 2025 was held on September 13, 2025, at HMR Institute of Technology and Management. Over 55 teams participated, developing impactful hardware and software solutions across themes like Smart Education, Green Technology, and HealthTech.

The event began with motivating addresses by the Director and Deputy Director, who encouraged students to innovate and collaborate. Following an evaluation by experienced judges, 30 teams were selected for their outstanding performance. The hackathon was a success, showcasing the students' energy, technical skills, and ability to solve real-world challenges.



- ## Internship & Placement Drive by QSpiders

Training and Placement Cell organized an Internship & Placement Drive with QSpiders on 15 September 2025 for the 2026 batch. The drive offered opportunities in Java Full Stack, Python, Data Analytics, Data Science, Power BI, and DevOps, helping students gain industry exposure and career readiness.
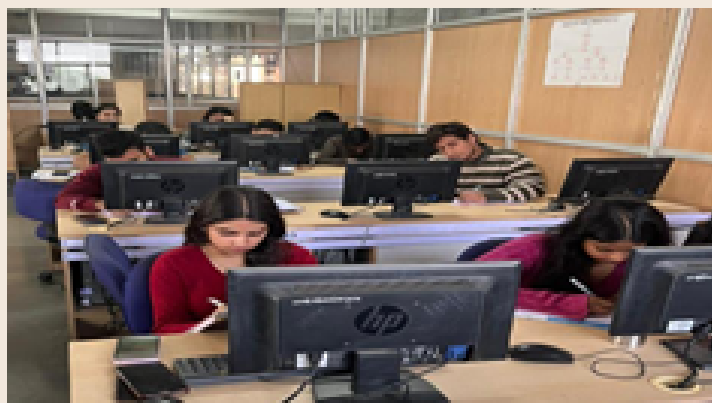



- ## Educational Tour on Engineers' Day Celebration and Launch of Project PRACTICE at AICTE Headquarters

AICTE, New Delhi, celebrated Engineers' Day 2025 on 17 September 2025 to mark the birth anniversary of Sir M. Visvesvaraya and to launch Project PRACTICE, a flagship initiative aimed at strengthening industry–academia collaboration and enhancing student employability. Implemented in collaboration with CRISP and LEAP, the project focuses on critical thinking, applied research, innovation, entrepreneurship, and industry readiness, in line with NEP 2020. The event featured addresses by Dr. Abhay Jere, Chairman, AICTE, and Chief Guest Prof. R. K. Bhandari, and concluded with a vote of thanks by Prof. Shyama Rath, Member Secretary, AICTE, followed by networking with participants.

### • DSA Workshop

HMR Institute of Technology and Management (HMRITM), affiliated with GGSIP University, organized an interactive Data Structures and Algorithms (DSA) Workshop on September 15, 2025, for 2nd-year students of CST/IT/CSE-DS in IT Lab–1 from 10:00 AM to 2:00 PM. The workshop was conducted under the supervision of Ms. Renu Chaudhary, Coordinator (IT Department), and coordinated by Mr. Farooque Alam, Event Coordinator. The session focused on core DSA concepts, data structure implementation, algorithmic problem-solving, and hands-on coding through live demonstrations, followed by an interactive Q&A. A total of 52 students actively participated and found the workshop highly beneficial for practical learning and interview preparation.

### • Distribution of Free NCMC Metro Cards

In collaboration with CSC e-Governance Services India Limited, Electrical Engineering Department organized a special camp on 16 September 2025 at the campus for students and staff. The initiative brought a practical benefit to the campus community, with 90 free NCMC (National Common Mobility Card) Metro Cards distributed during the camp.

The camp focused on making everyday travel easier by encouraging the use of digital, cashless mobility solutions. Students and staff welcomed the initiative with enthusiasm, appreciating the convenience it offered for their daily commute. This effort reflects HMRITM's continued commitment to supporting smart governance initiatives while enhancing the overall well-being of its campus community.





### • Induction Program for B.Tech. First Year & Lateral Entry

Duration: 16–18 September 2025

The three-day Induction Program was organized for newly admitted B.Tech First Year and Lateral Entry students to introduce them to the academic framework, institutional values, and key skills essential for their engineering education.

- Day 1: Orientation & Career Awareness

The program began with a Welcome Address by Dr V. C. Pandey, Director, who highlighted the institute's vision, academic discipline, skill development, and the importance of regular attendance. A Career Guidance session by Ms. Priyanka Manchanda focused on career planning and future opportunities. This was followed by a session on peaceful campus life by Ms. Jyotsna Sodhi. A Wellness with Dart session was held after lunch to promote physical and mental well-being.

- Day 2: Motivation & Skill Development

A motivational session on confidence-building was led by Mr. Shekhar Prajapati, who encouraged students to cultivate self-confidence, self-control, and perseverance. Students were encouraged to participate actively in sessions that focused on communication skills, time management, leadership, teamwork, and personality development.

- Day 3: Academic Planning & Well-being

The final day featured an academic briefing by Dr Shalini Gupta, Deputy Director, who oversees academic rules, attendance, assessment norms, facilities, and student societies. Mr. Rishiraj Simlai conducted an emotional well-being session titled "Your DOST." Students gained a better understanding of coding culture and extracurricular opportunities through the Proximus Society. The programme concluded with a Happiness Bootcamp.

- Conclusion

The Induction Program was executed successfully and was well-received. The smooth transition of students into college life was ensured through academic orientation, career guidance, personal development, and emotional support.

- **HACKSTER - The Gangster of Hackathons**

HMR Institute of Technology & Management, in collaboration with GENESIS, successfully organized a 9-hour hackathon titled "HACKSTER – The Gangster of Hackathons" on 20 September 2025. The event provided a dynamic platform for students to showcase innovation, teamwork, and problem-solving skills. The day featured an inaugural ceremony, sponsor talks, mentoring sessions, and project evaluations by an expert jury. With 1500+ registrations from institutions across the country and 35 finalist teams, the hackathon witnessed enthusiastic participation. The event concluded with a prize distribution ceremony, celebrating outstanding student projects and acknowledging the valuable support of mentors, jury members, sponsors, and volunteers.

- **Machine Learning Tool: R Programming Workshop**

IT Department organized a hands-on workshop on "Machine Learning Tool: R Programming" on 8 October 2025 for CST, CSE-DS, and IT students. Held at IT Lab–1, the session introduced students to Machine Learning fundamentals, R and RStudio, data handling, visualization, and basic model building using popular R packages. The workshop witnessed active participation from 34 students and successfully enhanced their analytical and programming skills. The event was coordinated by Mr. Sachin Chauhan (Event Coordinator) under the guidance of Ms. Renu Chaudhary (Coordinator, IT Department).

- **HMRITM Joins the "Quality Run" to Celebrate World Standards Day 2025**



- **Interactive Career Guidance Session by Google Alumnus**

Training and Placement Cell organized an interactive Career Guidance and Placement Preparation Session on 3rd November 2025 at Room 101. The session was conducted by Mr. Ayush Bajaj, a distinguished alumnus of HMRITM and currently working at Google.

Mr. Bajaj shared valuable insights on placement preparation, interview strategies, resume building, and career planning. He emphasized the importance of strong fundamentals, continuous learning, and effective communication skills. The interactive session was highly informative and motivating, encouraging students to prepare confidently for future career opportunities.

Students of HMR Institute of Technology and Management , along with faculty members Mr. Nitin Kumar Gupta and Mr. Uzair, participated in the "Quality Run" organized by the Bureau of Indian Standards (BIS) on 13 October 2025 to mark World Standards Day 2025. The run took place from Manak Bhawan, ITO to Rajghat, Delhi, starting at 7:30 a.m. The event promoted awareness about quality and excellence in daily life and provided students and faculty an opportunity to engage with participants from diverse sectors, reinforcing HMRITM's commitment to social responsibility and quality consciousness.
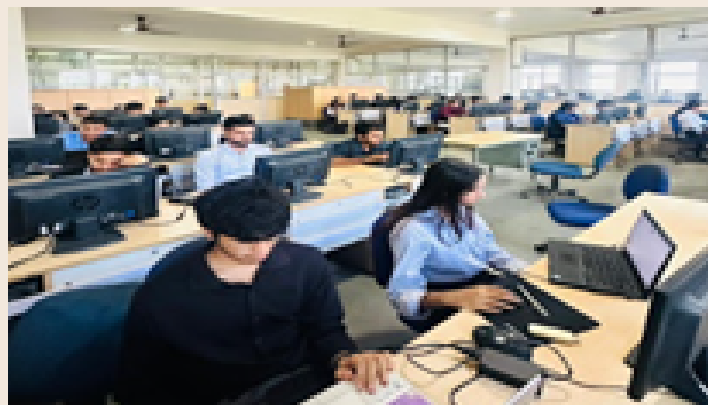
## • Fresher's Party "NEOFIESTA 2k25"

HMR Institute of Technology & Management, Applied Science Department organized the Fresher's Party – NEOFIESTA 2k25 on 16 October 2025 at the Main Ground to warmly welcome the 2025–26 batch. The event marked a joyful beginning for freshers and fostered bonding between seniors and juniors through music, dance, drama, singing, and stand-up comedy. The celebration commenced with the traditional lamp lighting ceremony in the presence of Prof. V. C. Pandey, Director and Prof. Shalini Gupta, Deputy Director, followed by a graceful Ganesh Vandana performance. A major highlight of the event was the Mr. & Ms. Fresher's 2k25 competition, including multiple rounds of the fashion show. Winners and runners-up were awarded certificates and gift hampers by the judges, Dr Shikha Sharma, Department of Chemistry and Mr. Utkarsh Sharma, Department of Mathematics. With enthusiastic participation of 223 students, NEOFIESTA 2k25 concluded as a vibrant and memorable celebration, setting a positive and energetic tone for the new academic journey.



## • Campus Recruitment Drive – Front End Developer

Training & Placement Cell organized a Campus Recruitment Drive for the Front End Developer role on 16 October 2025. The virtual recruitment process included an objective test and a coding test, conducted smoothly on campus. The drive provided students with a valuable opportunity to showcase their technical skills.



**6.**

- **HMRITM Shines at GGSIPU Annual Sports Meet 2025**



The Annual Sports Meet of Guru Gobind Singh Indraprastha University (GGSIPU) was held from 29 to 31 October 2025 at the Dwarka campus, bringing together students from 68 affiliated colleges in a vibrant celebration of sportsmanship, fitness, and teamwork.

·HMR Institute of Technology and Management sportspersons participated enthusiastically in 28 events and delivered an impressive performance, winning five medals. The highlights included Prachi's Gold Medal in Judo (78 kg), Soham Birla's Silver Medal in Powerlifting (83 kg), and Jigyanshu's Bronze Medal in Judo, Aryan won Silver in Best Physique and Sanidhya won Bronze in Yogasana.

The achievements of HMRITM students reflect their dedication, hard work, and sporting spirit, reinforcing the institute's commitment to encouraging all-round development beyond academics.

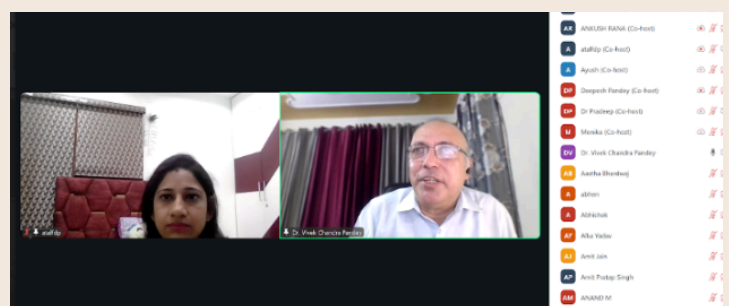- **Career Catalyst: The Resume Reboot Challenge**



Career Catalyst: The Resume Reboot Challenge was organized to equip students with essential resume-building skills aligned with current industry trends. The session focused on enhancing confidence, personal branding, and employability. The event began with an address by the Training & Placement Officer, highlighting the importance of a well-structured resume in the recruitment process. Students participated in an interactive Resume Makeover Sprint, which included identifying domain-specific resume strengths, delivering one-minute elevator pitches, and peer-reviewing resumes.

A live demonstration of tools such as Canva, NovoResume, and LinkedIn Optimizer added practical value to the session. The programme witnessed enthusiastic participation from students of the 5th and 7th semesters. Overall, the initiative successfully bridged the gap between academic preparation and industry expectations, reinforcing HMRITM's commitment to holistic career development through the Training & Placement Cell.
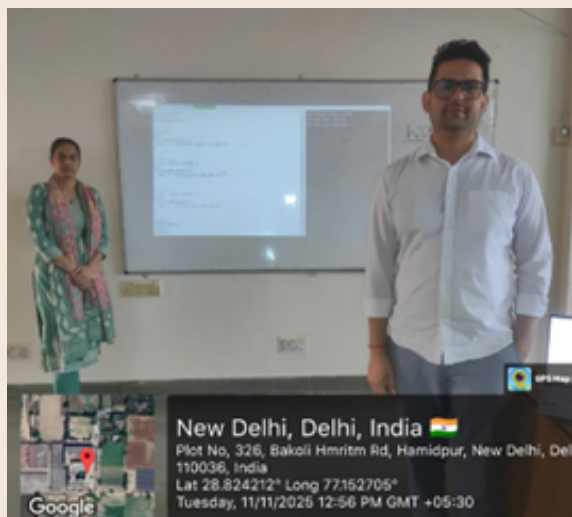
- **ATAL Online FDP on Smart Computing**



HMR Institute of Technology & Management organized a six-day ATAL Online Faculty Development Programme titled "Smart Computing Era: Bridging Supercomputing, AI and Data Science in Academia and Industry" from 3rd–8th November 2025.

The programme was inaugurated by Dr. V. C. Pandey, Director, HMRITM, who highlighted the importance of emerging technologies in education and research. The FDP featured 13 expert sessions by renowned academicians and industry professionals, covering topics such as Artificial Intelligence, Data Science, Supercomputing, Cloud Computing, IoT, and interdisciplinary applications. The programme concluded with a valedictory session by Dr. Uma Gautam, FDP Coordinator. Participants appreciated the FDP for its technical depth, practical relevance, and academic enrichment.

- **Workshop on "Programming & Skills in OOPs using C++"**



HMR Institute of Technology and Management, CSE Department organized an interactive workshop on "Programming & Skills in OOPs using C++" on 11th November 2025 from 12:00 PM to 2:00 PM in Room No. 216. The workshop was organized by Ms. Nidhi Malik and Mr. Sandeep Dalal from the Department of Computer Science & Engineering. The workshop aimed to enhance students' understanding of Object-Oriented Programming (OOP) concepts and strengthen their programming skills using C++. A total of 33 students from 2nd and 3rd year CSE participated in the session.

The program covered fundamental OOPs using C++ principles such as encapsulation, inheritance, polymorphism, and abstraction, along with hands-on practice in C++ programming. Advanced topics including exception handling, templates, and STL were also discussed. Interactive coding exercises and a Q&A session made the workshop engaging and informative.

The workshop successfully enriched students' technical knowledge and provided a strong foundation for advanced programming and software development.

- **Seminar on "Machine Learning – The Future of Intelligent Systems"**

The Department of Computer Science & Engineering, organized a seminar on "Machine Learning – The Future of Intelligent Systems" to enhance students' understanding of emerging intelligent technologies. The seminar focused on fundamental Machine Learning concepts, key algorithms, and their applications across domains such as automation, healthcare, finance, cybersecurity, and smart systems. Emphasis was laid on the growing industry demand for Machine Learning skills and the evolving career opportunities in Artificial Intelligence. The session proved to be informative and contributed significantly to strengthening students' technical awareness and industry readiness.

- **Diwali Celebration by CSE Department**



CSE Department celebrated the festival of Diwali on 17th October 2025 with great enthusiasm and traditional fervor. The event was organized to promote cultural values, spread happiness, and strengthen bonds among faculty members. The celebration commenced with a welcome address by the Head of the Department, who emphasized the significance of Diwali as a symbol of light, hope, and the triumph of good over evil. This was followed by the traditional lighting of the lamp by faculty members. The venue was attractively decorated with rangoli, diyas, and floral arrangements, creating a festive ambiance.

Faculty members participated enthusiastically in activities such as diya decoration and rangoli, reflecting unity and togetherness. The celebration concluded with the sharing of sweets and festive greetings. The event fostered positivity, cultural harmony, and camaraderie among the teaching fraternity, making it a memorable occasion.

- **Time Management & Academic Discipline Workshop**

Applied Science Department organized a Youth Engagement Workshop on Time Management and Academic Discipline on 18 November 2025 at Room No. 101. The session was organized by Ms. Jyoti Kaushik and conducted by Ms. Komal from Right Side Story, who highlighted the importance of personality development, effective time management, stress handling, and understanding human behavior. An interactive quiz engaged students enthusiastically, with gift hampers awarded to top performers. The workshop concluded with an engaging Q&A session and distribution of goodies. Around 240 students participated in the event.

## • Expert Talk on "Smart Cities – L&T's Role in Building Urban Digital Infrastructure"



An Expert Talk on "Smart Cities – L&T's Role in Building Urban Digital Infrastructure" was organized for 2nd-year students, delivered by Mr. Sudhir Rao, Area Manager, Larsen & Toubro (L&T). The session focused on the challenges of rapid urbanization and the role of digital technologies in developing smart and sustainable cities.

The speaker highlighted L&T's contributions in implementing smart city solutions, including integrated command and control centers, intelligent traffic systems, surveillance, and digital governance platforms, across cities such as Nagpur, Mumbai, Hyderabad, Ahmedabad, and Pune. The talk provided students with valuable industry insights into real-world smart city projects and their impact on urban living.

## • Industrial Visit to Mother Dairy

Training & Placement Cell, organized an industrial visit for B.Tech 1st Year students to Mother Dairy, Patparganj on 20 November 2025. The visit provided hands-on exposure to dairy processing, automation, quality control, and packaging systems. Interaction with plant engineers helped students understand real-world applications of engineering concepts, making the visit highly informative and enriching.

## • IKS Exhibition

Applied Science Department successfully organized the Indian Knowledge System (IKS) Exhibition on November 21, 2025. The exhibition showcased India's rich scientific, cultural, and philosophical heritage through student projects on ancient mathematics, astronomy, Ayurveda, Vastu Shastra, temple architecture, and classical arts. Guided by faculty mentors, students highlighted the relevance of traditional knowledge in modern times, drawing appreciation from visitors for their creativity and research. The event effectively promoted awareness of India's timeless knowledge systems and encouraged blending ancient wisdom with contemporary applications.

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- ## Gender Sensitisation Workshop

A Gender Sensitisation Workshop was conducted on November 21, 2025, to enhance students' understanding of gender, consent, respectful communication, and human values. Mr. Athul Raj, Counselling Psychologist, led the session from Your Dost. The workshop highlighted the distinction between biological sex and gender, the importance of inclusive language, and the role of social conditioning. Key discussions centered on informed and continuous consent, respectful communication, empathy, and boundary setting in everyday interactions. Sensitive issues such as sexual harassment, bullying, and discrimination were addressed, emphasizing collective responsibility in creating safe and inclusive environments. Interactive activities helped students build emotional awareness, empathy, and interpersonal skills. The session concluded with reflections on gender identity and expression, followed by a vote of thanks appreciating the facilitator's valuable insights.

## • POSH Sensitisation Workshop

Applied Science Department organized a POSH Sensitisation Workshop titled "Creating a Respectful Workplace" on 10 December 2025. The session was conducted by Ms. Puroitree Majumdar, an experienced Clinical Psychologist, who shared valuable insights on fostering a safe, inclusive, and respectful workplace environment.

The workshop focused on understanding the POSH Act, 2013, clarifying concepts of sex and gender, identifying sexual harassment, and highlighting institutional responsibilities and grievance redressal mechanisms. Through interactive discussions and real-life scenarios, participants gained clarity on professional boundaries, digital etiquette, bystander responsibility, and the psychological impact of unsafe work environments. The session concluded with an engaging Q&A addressing concerns related to the misuse of laws and preventive measures. Attended by 70 participants, the workshop reinforced HMRITM's commitment to promoting dignity, safety, and mutual respect on campus.

## • FDP on Quality Assurance: OBE

Training and Placement Cell Department organized a Faculty Development Program on "Quality Assurance: Outcome-Based Education (OBE)" on 11 December 2025. The session focused on learner-centric teaching, outcome mapping, assessment strategies, and continuous improvement aligned with accreditation standards. Faculty members participated actively, enhancing academic quality and institutional practices. An interactive quiz competition added enthusiasm to the programme, making it both informative and engaging.

- **ICAMC 3rd INTERNATIONAL CONFERENCE ON EMERGING APPLICATIONS OF ARTIFICIAL INTELLIGENCE MACHINE LEARNING AND CYBERSECURITY**

This 3rd ICAMC Conference was held on 1–2 May,2025 and a number of faculty member present their research paper in this conference. 34 research papers were published in various proceeding international journals and 22 chapters in various edited books.





- **Celebration of 150 Years of the National Song "Vande Mataram" - Inaugural Ceremony on 7th November 2025**

The Inaugural Ceremony celebrating 150 years of the National Song "Vande Mataram" was held on 7th November 2025 with great patriotic fervor. The event highlighted the historical and cultural significance of Vande Mataram and its enduring role in inspiring national unity and pride.

On this occasion, the Hon'ble Prime Minister of India inaugurated a ₹150 commemorative coin (Sikka) to mark the historic milestone, symbolizing the nation's respect for the song and its contribution to India's freedom movement.

## EDITOR 'S MESSAGE

It is with great pleasure that we unveil the latest issue of HMR Institute of Technology and Management's newsletter, INSIGHT, a beacon of knowledge and innovation that showcases the triumphant endeavours of our illustrious students, erudite faculty and dedicated staff.

In this edition, we delve into the remarkable achievements and contributions that have propelled our institution to the forefront of academic excellence. We also bring you up-to-date on the latest developments and seminal events that have shaped the trajectory of HMRITM.

I am also thankful to the editorial team whose efforts and hard work made this issue possible.

-Ms Jyoti
Editor-In-Cheif

## • EDITORIAL TEAM

Dr. Dolon Sarkar, Ms. Seema Gupta, Ms. Kritika Bisht, Akshita Tiwari, Divyansh Kajla, Aman Tomar

### • Courses Offered :-

B.Tech – Computer Science and Engineering (Artifical Intelligence)
B.Tech – Computer Science and Engineering (AIML)
B.Tech – Computer Science and Eginering (Cyber Security)
B.Tech – Computer Science and Engineering (Data Sciene)
B.Tech – Computer Science and Technology
B.Tech – Information Technology
B.Tech – Artifical Intelligence and Data Science
B.Tech – Artifical Intelligence and Machine Learning
B.Tech – Computer Science and Engineering – 1st Shift
B.Tech – Computer Science and Engineering – 2nd Shift