



CHOUKSEY ENGINEERING COLLEGE

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“THE BYTE”

Bringing You Tech & Excellence

THE NEWSLETTER
THE PULSE OF FUTURE TECH



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JANUARY-JUNE 2025

Department of

COMPUTER SCIENCE AND ENGINEERING

CHOUKSEY ENGINEERING COLLEGE, BILASPUR (CG)

FROM THE DESK OF MANAGING DIRECTOR



DR. ASHISH JAISWAL

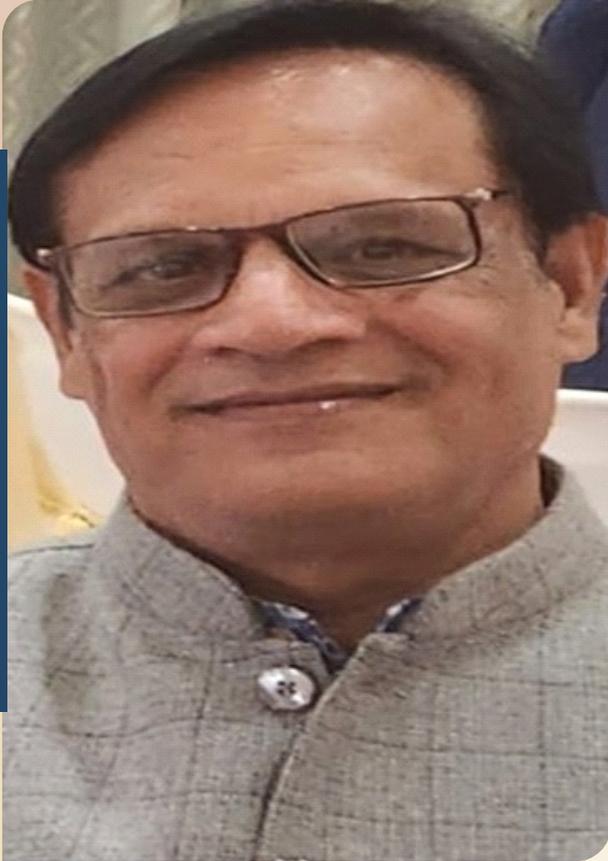
Managing Director,
Chouksey Engineering College,
Bilaspur

It is truly gratifying to see the Department of Computer Science and Engineering present yet another vibrant edition of “The Byte”. Much like a byte that powers larger digital systems, this newsletter captures the essence of progress, innovation, and creativity that drives the department forward.

The dedication of our faculty and students in academics, research, and various creative pursuits reflects the dynamic learning environment we strive to build at Chouksey Engineering College. Each page of this publication mirrors their curiosity, teamwork, and commitment to excellence.

I applaud the editorial team and contributors for their thoughtful efforts in documenting these achievements. May this edition of The Byte continue to inspire every reader and strengthen our collective vision of advancing knowledge and technology for a better future.

FROM THE DESK OF PRINCIPAL



DR. K. C. MAHAJAN

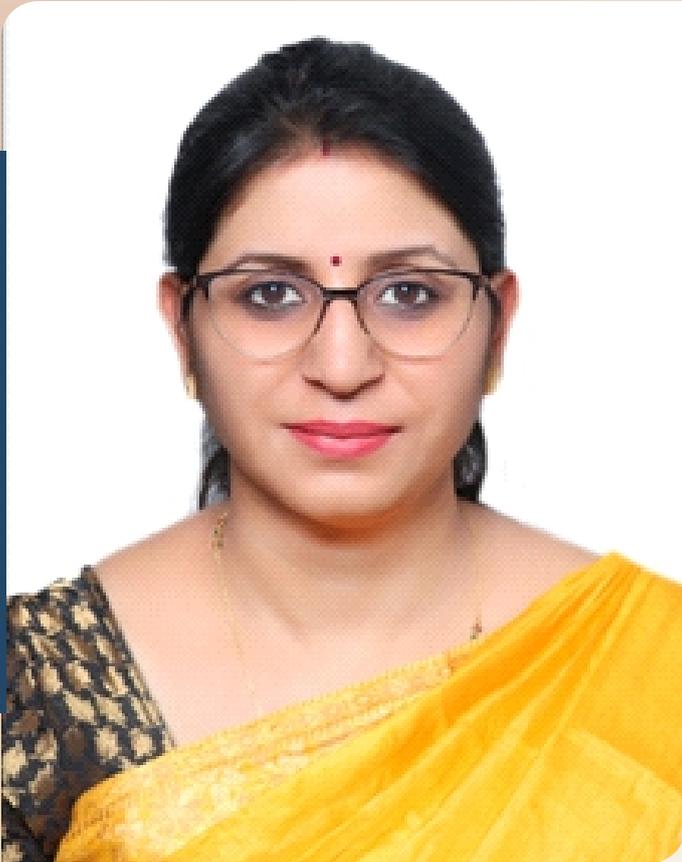
Principal
Chouksey Engineering College, Bilaspur

It gives me great pleasure to extend my best wishes to the readers of “The Byte”. This newsletter serves as a remarkable platform to highlight the academic excellence, innovative initiatives, and dynamic spirit of the Department of Computer Science and Engineering.

True education goes beyond acquiring knowledge—it lies in applying that knowledge with creativity, purpose, and integrity. The Byte provides students an opportunity to express their ideas, exchange insights, and inspire one another, fostering qualities that are essential for holistic growth.

I commend the CSE Department for this thoughtful initiative and encourage students and faculty to continue pursuing excellence, innovation, and lifelong learning with the same enthusiasm.

FROM THE DESK OF HEAD OF DEPARTMENT



DR. SHANU K RAKESH

Head of Department (HOD)

Computer Science & Engineering

Chouksey Engineering College, Bilaspur

It gives me immense pride to present this edition of “The Byte”, the official newsletter of the Department of Computer Science and Engineering. This publication is not merely a record of departmental activities—it is a reflection of our shared journey of learning, innovation, and excellence.

Over the past months, our department has upheld its tradition of distinction through a wide range of academic and co-curricular initiatives, including alumni talks, technical workshops, quizzes, project presentations, NPTEL certifications, and quality research contributions by both students and faculty. Our vibrant campus culture was further enriched through active participation in events like Vibrant Week, Saraswati Pooja, Mahashivratri, Holi celebrations, farewell, and sign-out day.

Our students have brought great pride to the department through their remarkable achievements in academics, sports, placements, national-level forums—from excelling in the Viksit Bharat Youth Parliament and securing positions in inter-departmental sports, hackathon to prestigious recognitions like selection in the Indian Army. Their accomplishments stand as a testament to their talent, perseverance, and the mentorship provided by our dedicated faculty.

As we continue to navigate the dynamic and ever-evolving world of computer science, our focus remains on nurturing creativity, fostering innovation, and preparing our students to become capable, responsible, and visionary professionals.

I extend my sincere appreciation to the editorial team, contributors, and supporters for their efforts in bringing this edition to life. I encourage every reader to draw inspiration from these pages and continue striving for excellence in all endeavors.

“Great innovations are built byte by byte—each effort, no matter how small, shapes a larger vision of success.”

EDITORIAL COMMITTEE

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CHOUKSEY ENGINEERING COLLEGE, BILASPUR

VISION AND MISSION OF THE INSTITUTE

VISION

To be a leading technical institute of National and International repute, providing quality education and to produce technically competent, ethical and socially responsible professionals

MISSION

- ◆ To provide students with the best possible inputs through faculty, infrastructural facilities and opportunities by the best available means.
- ◆ To produce best engineers and managers with the sense of duty to humanity and a commitment to their society and country.
- ◆ Producing technically skilled manpower to meet the unique needs of industries that forge new paths, develop new products and come up with innovative solutions
- ◆ To prepare students to be eligible for placement in PSUs/Government Sectors/MNCs/Private Sectors.

DEPARTMENT COMPUTER SCIENCE AND ENGINEERING

VISION AND MISSION OF THE DEPARTMENT

VISION

To emerge as a centre of excellence in the field of Computer Science and Engineering education, and to produce technically competent, socially responsible professionals to cater the needs of industry and society.

MISSION

- ◆ To provide best possible educational facilities for teaching & learning process to computer science and engineering students for building a promising career.
- ◆ To produce best Computer Science Engineers with personal and professional skills and responsibilities to cater the needs of Industry, Government and Society.
- ◆ To create ambient environment in which core competency in the field of computer science & engineering along with research can be enhanced.
- ◆ To strengthen and mould students in professional, ethical, social and environmental dimensions by encouraging participation in co-curricular and extracurricular activities.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering (CSE) at Chouksey Engineering College, Bilaspur, established in 2001, is one of the earliest and most dynamic CSE departments in the district. Over the years, it has grown into a hub of innovation, creativity, and technical excellence, integrating the fields of Computer Engineering and Computer Science to prepare students for the ever-evolving technology landscape.

With a vision to produce globally competent professionals, the department offers B.Tech and M.Tech programs in Computer Science & Engineering, enabling students to specialize in cutting-edge areas such as software development, artificial intelligence, data science, cybersecurity, and other emerging technologies. With its interdisciplinary nature and global relevance, the CSE discipline equips graduates to become leaders of Industry 4.0 and beyond.

Guided by a strong team of experienced faculty with rich industry and research backgrounds, and supported by state-of-the-art laboratories and a research-driven environment, the department emphasizes holistic student development. Students are actively engaged in projects, hackathons, workshops, industrial training, off-campus selection programs, and community-driven initiatives, ensuring a seamless connection between classroom learning and real-world applications.

The department attracts high-quality students from across Central India and maintains an impressive placement record. Many graduates have joined leading IT companies, or pursued higher education from top IITs and NITs, launched startups, reflecting the department's commitment to academic excellence and lifelong learning.

Our curriculum is designed with flexibility for advanced specializations, encouraging students to explore diverse domains through a wide range of research projects, internships, and industry collaborations. In addition to imparting effective education and enhancing the teaching-learning process, the department also focuses on the overall personality development of students, fostering confidence, leadership, and innovation.

Fully equipped to meet the dynamic challenges of the 21st century, the Department of Computer Science & Engineering continues to play a key role in shaping modern education by providing unique opportunities at the forefront of computer engineering and its applications.

ARTICLE BY FACULTY

MRS. NEELAM THAKUR

Asst. Professor (CSE)



**2025 Multimedia
and Computer
Vision:
Trends Shaping:**

In 2025, multimedia and computer vision stand at the forefront of technological transformation, blending human creativity with machine intelligence. These fields, once distinct, now converge through generative AI, multimodal systems, and real-time processing, redefining industries from entertainment to healthcare. Recent breakthroughs at conferences like CVPR and ICCV highlight a surge in 3D reconstruction, video synthesis, and ethical AI frameworks. This article explores the dominant trends driving this evolution, their practical implications, and the challenges ahead.

The most transformative trend is generative video powered by diffusion models, enabling text-to-cinematic clips in seconds—tools like Sora and Runway now produce 1080p content with synchronized audio and controllable styles. Simultaneously, computer vision advances in 3D Gaussian Splatting and multimodal integration allow machines to reconstruct dynamic scenes from single images, fueling robotics, AR, and autonomous navigation. Edge AI ensures real-time analysis on devices, reducing latency in surveillance and wearables. However, the rise of deepfakes demands robust detection systems and ethical training datasets. Efficiency gains through model pruning and licensed data are making these technologies scalable and sustainable, while immersive multimedia—via 360° LED environments—blurs physical and digital boundaries in gaming and education.

By late 2025, multimedia and computer vision will not merely augment reality but co-create it, empowering creators, engineers, and educators alike. Yet success hinges on balancing innovation with responsibility—combating misinformation, ensuring inclusivity, and minimizing environmental impact. As open-source ethical models and regulatory frameworks emerge, the future belongs to those who prioritize authenticity and human-AI collaboration. For students and professionals, mastering these trends today means shaping tomorrow's intelligent, immersive world.



ARTICLE BY STUDENTS

PRINCE THAKUR

6th Semester (CSE)

**LLMs in 2025: From
Code to Classroom -
Power, Progress, and
Safeguards**

Or

**The Rise of Large
Language Models in
Computer Science**

Artificial Intelligence is being transformed by Large Language Models (LLMs) like OpenAI's GPT-4o, Google's Gemini 1.5, Anthropic's Claude 3.5, and xAI's Grok-1.5, which achieve near-human fluency. Trained on vast text from books, code, and the web, they reason, code, translate with nuance, and solve complex problems—redefining human-computer interaction. In October 2025, xAI launched Grok-3 in public beta with real-time voice and multimodal reasoning.

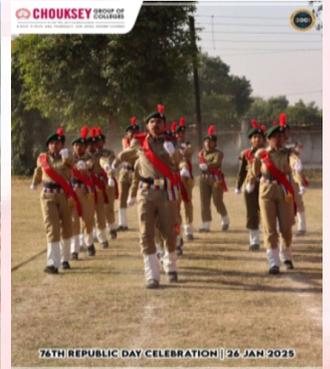
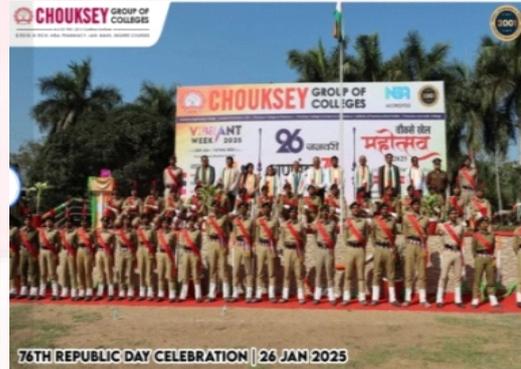
Built on the 2017 Transformer architecture, LLMs use self-attention to process sequences in parallel, capturing context across thousands of tokens. Pre-training learns patterns; RLHF ensures safe, useful outputs. They speed up coding (via GitHub Copilot), cut data science boilerplate by up to 60%, assist in formal verification, and power adaptive tutors. This month, Copilot X adopted Claude 3.5 Sonnet, improving accuracy by 18%.

LLMs carry risks: bias, hallucinations, and high energy use. Solutions include auditable data, retrieval-augmented generation, red-teaming, and EU AI Act compliance. Anthropic's new Constitutional Classifiers (Oct 2025) cut unsafe outputs by 94%. Rather than replace humans, LLMs amplify expertise—freeing us for design and ethics. The future belongs to those who master prompting, reliability, and safer AI collaboration.

DEPARTMENT ACTIVITIES

“Celebrated 76th Republic Day on 26th January 2025”

The Chouksey Group of Colleges celebrated 76th Republic Day on 26th January 2025 with great enthusiasm. The CSE Department actively participated in the event, which begins with the flag hoisting, followed by speeches from esteemed guests. This was succeeded by an impressive parade by NCC students. Achievements of students were recognized through a felicitation ceremony, and certificates were distributed to NSS and NCC participants. The celebration concluded with the distribution of sweets to all attendees.



“Celebrated Vibrant Week on - January 2025”

Chouksey Group of Colleges celebrated the color as a festival in the week of January 2025. Where the each Day of a week is Designated with a specific color to understand and celebrate the subconscious value of that color in human life. Blue to always be calm in any situation and trust each other, green to always believe in mutual growth and mother nature, red to showcase the love and passion that we share for education that we share and so on.



“Celebrated Saraswati Pooja on 3rd February 2025”

Department of Computer Science and Engineering celebrated the Saraswati Pooja on 03-02-2025 to honor Goddess Saraswati and celebrated the knowledge and education and to look forward to another year of academic hard work, hustle and ultimately success in pursuit of our dreams and visions.



“Organized Chouksey Khel Mahotsav on 30th Jan to 1st Feb 2025”

CSE students showcased their talent and team spirit at the Chouksey Khel Mahotsav 2025, held from 30th January to 1st February. They actively participated in various events and demonstrated commendable performances, securing positions in Kabaddi, Volleyball, Cricket, and Badminton. Their enthusiasm, discipline, and sportsmanship added pride to the Department of Computer Science and Engineering.



“Celebrated Mahashivratri Pooja on 26th February 2025”

On the auspicious occasion of Mahashivratri, a program of bhajan-kirtan and grand worship was organized at Chouksey Group of Colleges in an atmosphere filled with deep devotion and reverence. The entire campus resonated with the melodious hymns and the divine aarti, immersing everyone in the devotion of Lord Shiva.



“Women's Day Celebration on 08/03/2025”

Women's day celebrated at Chouksey Engineering College, Computer Science and Engineering department along with all the other female colleagues of the college to celebrate the most powerful force on Earth, Women, who have the power of creating life herself and taking care of her family and relations along with fulfilling and living her dreams. Truly an ideal role model for everyone to always look up to.



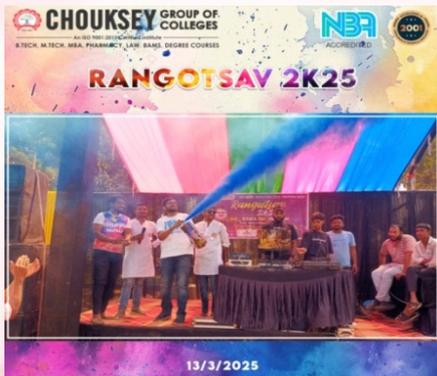
“ALUMNI TALK – A SUCCESS” on 10th March 2025”

The department of computer science and engineering and ANUBHAV - Alumni-Students Club conducted 'ALUMNI TALK – A SUCCESS' on 10th March 2025 .Celebrating the spirit of connection and learning. The event highlighted how true success lies in sharing experiences and inspiring others to achieve their dreams. Alumni, as guiding lights, bridged the gap between academic life and the professional world, motivating students to strive for excellence. Through their stories and insights, they proved that success is not just about personal achievement, but about empowering others to rise and create their own paths.



“RANGOTSAV 2K25”

Department of Computer Science and Engineering celebrated RANGOTSAV 2K25 on 13-03-2025, the festival of colors, to celebrate the victory of good over evil, and to have a great time for fun, joy and fresh new beginnings with the people we love. The event was organized by college for staff and students.



“3 Days Workshop on OpenCV (Computer Vision) with Robotics & IOT from 2nd April – 4th April 2025”

The Department of Computer Science & Engineering proudly hosted A transformative journey into the world of Computer Vision, Robotics, and IoT successfully concluded! Participants gained hands-on experience with OpenCV, explored robotic automation, and uncovered the potential of IoT integration in smart systems. On 2nd April – 4th April 2025.



चौकसे कॉलेज में ओपन सीवी, रोबोटिक्स और IOT पर तीन दिवसीय कार्यशाला संपन्न

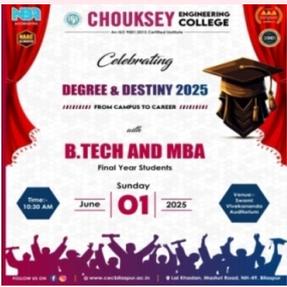


बिलासपुर। चौकसे ग्रुप ऑफ कॉलेजेंस के अंतर्गत चौकसे इंजीनियरिंग कॉलेज में कंप्यूटर साइंस एवं इलेक्ट्रॉनिक्स विभाग द्वारा यूनो रोबोटिक्स टेक एंड रिसर्च प्रा. लि. के सहयोग से तीन दिवसीय कार्यशाला का आयोजन किया गया। यह कार्यशाला एआईएमएल (AIML), एआईडीएस(AIDS), ओपन सीवी(OpenCV), रोबोटिक्स और इंटरनेट ऑफ थिंग्स(IoT) पर केंद्रित रही। कार्यशाला में कंप्यूटर साइंस, AIML, AIDS, इलेक्ट्रॉनिक्स सहित अन्य विभागों के विद्यार्थियों ने हिस्सा लिया और इमेज प्रोसेसिंग, फीचर डिटेक्शन, ऑब्जेक्ट रिकग्निशन, मशीन लर्निंग और स्मार्ट होम सिस्टम जैसी तकनीकों पर प्रशिक्षण प्राप्त किया। कार्यशाला का संचालन यूनो रोबोटिक्स के निदेशक सुरज कुमार द्वारा किया गया, जिन्होंने छात्रों को प्रैक्टिकल उदाहरणों से तकनीकी जानकारी प्रदान की। प्रबंध निदेशक डॉ. आशीष जायसवाल ने बताया कि कॉलेज द्वारा AI और IoT जैसी उन्नत तकनीकों से विद्यार्थियों को जोड़ने का प्रयास किया जा रहा है। कार्यशाला का समन्वयन डॉ. शानु राकेश कुट्टन और रणबीर पॉल ने किया। इसमें सभाग के विभिन्न कॉलेजों से लगभग 110 छात्र-छात्राओं ने भाग लिया। समापन अवसर पर प्राचार्य डॉ. नितिन जैन ने सभी प्रतिभागियों को प्रशस्ति पत्र प्रदान किया।



"DEGREE & DESTINY 2025 for Batch 2021-2025 on 01/06/2025"

The Department of CSE organized a heartfelt Farewell Ceremony 2025 for the final-year students, celebrating their journey, achievements, and cherished memories. Faculty and juniors extended warm wishes for their bright and successful future ahead.



"International Yoga Day 2025 on 21/06/2025"

Chouksey Engineering College Celebrated on International Yoga Day on 21st June 2025 where all the member of Department of Computer Science and Engineering staff and students, participated in the Yoga to celebrate the group of physical and mental practices to have a mental peace, a calm and clear mind, a control over our own thoughts and most importantly, a healthy and long living body and soul.



"Organized A TECHNICAL QUIZ under CSI on 23/06/2025"

The Department of Computer Science and Engineering organized a "Technical Quiz on Core Computing Concepts" under the banner of the Computer Society of India (CSI) on 23rd June 2025 for first-year students. The event aimed to ignite curiosity about core computing principles, strengthen problem-solving abilities, and foster a spirit of healthy competition among young learners.



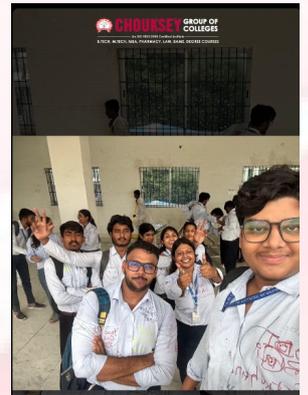
Major Project Presentation of final year students

As our final-year students present their Major Projects – 2025, they exhibit not just technical proficiency, but the outcome of unwavering dedication, creativity, and collaboration. Each project reflects the knowledge they've gained, the obstacles they've conquered, and the mentorship that has guided their journey. This occasion marks a proud milestone — both an ending and a new beginning — celebrating their achievements and reaffirming that learning is a continuous journey of growth, discovery, and innovation.



SIGN-OUT DAY 2025

The Department of Computer Science and Engineering celebrated the Sign-Out Day of our beloved final-semester students, bidding them a heartfelt farewell as they step into the professional world. The occasion marked an emotional yet proud moment, symbolizing their journey from learners to confident, independent individuals ready to embrace new challenges and opportunities.



INSTITUTE ACHIEVEMENT - 2025

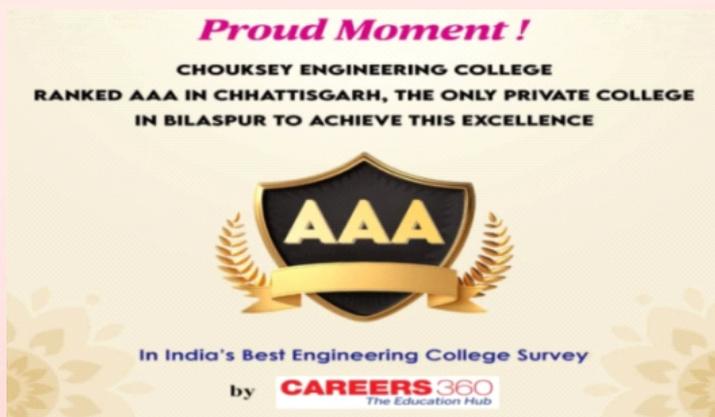
“Sardar Patel Unity Award 2025”

Chouksey Engineering College proudly celebrates the spirit of unity and integrity embodied by Sardar Vallabhbai Patel — inspiring every student to innovate with purpose and lead with unity.



Chouksey Engineering College “Ranked AAA in Chhattisgarh 2025”

“Ranked AAA in Chhattisgarh 2025 — a testament to Chouksey Engineering College's unwavering commitment to quality education, innovation, and integrity.



DEPARTMENT ACHIEVEMENT - 2025

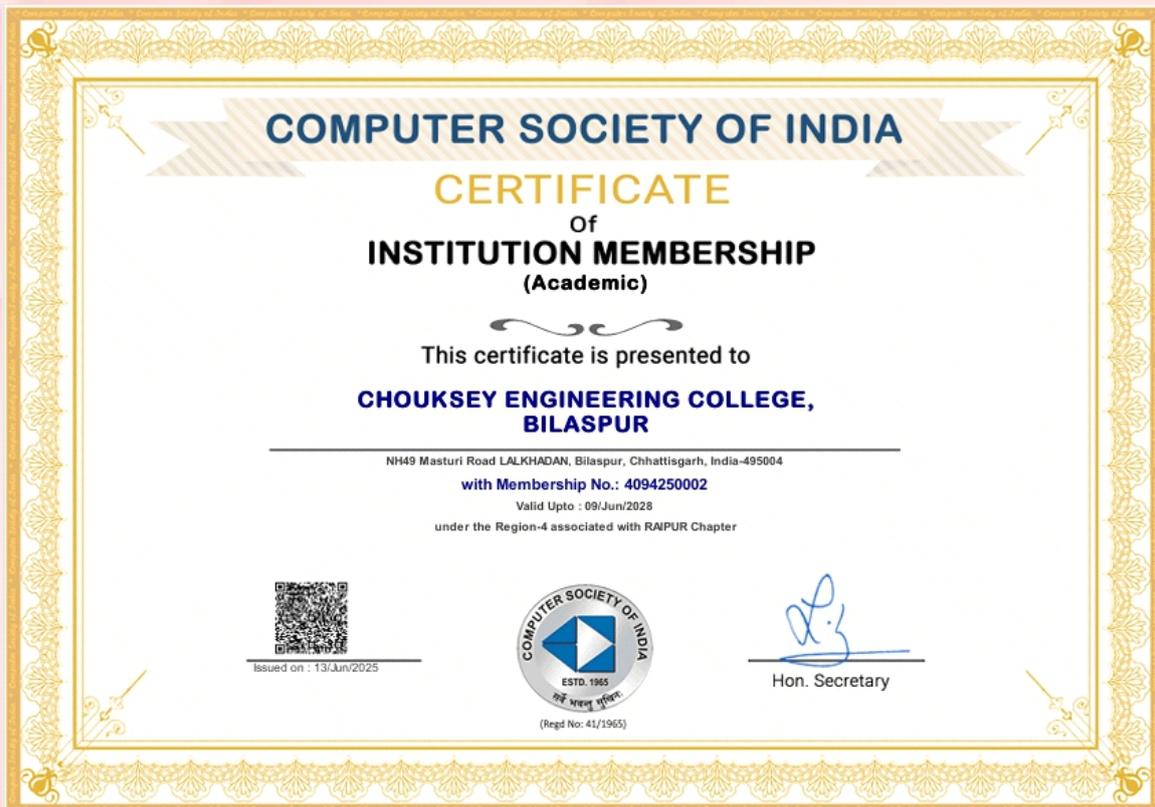
“Ph.D. Research Centre” for Computer Science & Engineering 2025”

The Department of Computer Science Engineering, Chouksey Engineering College, Bilaspur is recognized as a Ph.D. Research Centre in Computer Science Engineering in 2025— empowering future innovators and shaping tomorrow's tech leaders. Starting from session 2025-26



“CSI Membership of CSE department June 2025”

The Department of Computer Science and Engineering obtained Computer Society of India (CSI) membership in June 2025, enabling students and faculty to engage with a national network of computing professionals and gain exposure to emerging technologies and professional development opportunities.



FACULTY ACHIEVEMENTS

FDP/STP/TTP/WORKSHOP:

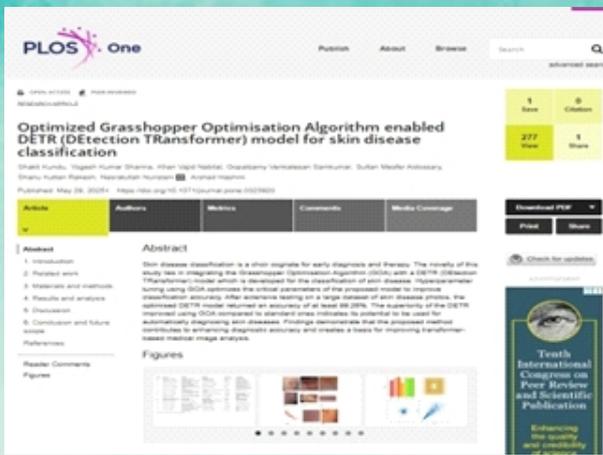
- ◆ Shakti Kundu, Yogesh Kumar Sharma, Khan Vajid Nabilal, G. V. Sam Kumar, Sultam Mesfer Aldossary, Shanu Kuttan Rakesh, Nasratulla Nuristani, Arshad Hashmi, "Optimized Grasshopper Optimisation Algorithm enabled DETR (DEtection TRansformer) model for skin disease classification". PLoS One. 2025 May 29; 20(5): e0323920. <https://doi.org/10.1371/journal.pone.0323920> PMID: 40440246; PMCID: PMC12121819. (SCIE, SCOPUS)
- ◆ Pranoy Das, Dr. Mrs. Shanu K. Rakesh, "Student Performance Prediction Model Using Machine Learning Algorithms", Grenze International Journal of Engineering and Technology (GIJET), Volume 11, Issue 1, pp: 4071-4082, January 2025 issue, ISSN: 2395-5295(Online); 2395-5287 (Print).
- ◆ Neeta Mourya, Shanu K Rakesh, "Evaluate Coding Efficiency using Object Oriented Metrics And COCOMO-III Methodologies. Improve Software Flaws: A Review", International Journal of Creative Research Thoughts (IJCRT), Volume 13, Issue 2, pp: 906-907 February 2025, ISSN: 2320-2882.
- ◆ Neeta Mourya, Shanu K Rakesh, "Assessing Coding Efficiency COCOMO- III Methods and Object Orientated Metrics are used. Enhance Software Defects", International Journal of Creative Research Thoughts (IJCRT), Volume 13, Issue 2, pp: 96-102, February 2025, ISSN: 2320-2882.
- ◆ Ayush Tiwari, Kumkum Soni, Seemran Pathak, Sonu Singh, Mr. Nilesh Gupta, Dr. Shanu K. Rakesh, "Stackpulse: A central hub for coding and collaboration", International Research Journal of Engineering and Technology (IRJET), Volume: 12, Issue: 06, Jun, e-ISSN: 2395-0056 , p-ISSN: 2395-0072, Impact Factor value: 8.315.
- ◆ Aditya Saxena, Leena Patel, Aman Dixit, P.Anirudha Varma, Mr. Nilesh Gupta, Dr. Shanu K Rakesh, "SynKron AI: A conversational, voice-based & IoT assistant", International Research Journal of Engineering and Technology (IRJET), Volume: 12, Issue: 06, Jun, e-ISSN: 2395-0056 , p-ISSN: 2395-0072, Impact Factor value: 8.315.
- ◆ Akanksha Singh, Malay Raj Bareth, Muskan Maurya, Muskan Thakur, Mrs. Anita Borkar, Dr. Shanu K. Rakesh, "CODOX: A Real-Time Collaborative Document Editing Platform", International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 09, Issue: 06, June – 20, SJIF Rating: 8.586, ISSN: 2582-3930, DOI:10.55041/IJSREM50671. <https://ijsrem.com/download/codox-a-real-time-collaborative-document-editing-platform-2/>
- ◆ Ayush Tiwari, Kumkum Soni, Seemran Pathak, Sonu Singh, Mr. Nilesh Gupta, Dr. Shanu K. Rakesh, "Stackpulse: A central hub for coding and collaboration", International Research Journal of Engineering and Technology (IRJET), Volume: 12, Issue: 06, Jun, e-ISSN: 2395-0056 , p-ISSN: 2395-0072, Impact Factor value: 8.315.
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- ◆ Anita Borkar, Neelam Thakur, Jyoti Kansari, Pratibha Sao, "Integrating Artificial Intelligence and the Internet of Things in Healthcare: A Comprehensive Survey", International Journal of Creative Research Thoughts (IJCRT), An International Open access, Peer-reviewed, Refereed Journal, Volume 13, Issue 5 May 2025, ISSN: 2320-2882, Impact Factor: 7.97. <http://www.ijcrt.org/papers/IJCRT2505990>.
- ◆ Mrs. Pratibha Sao, "ML-GUARD:A MACHINE LEARNING-BASED SECURITY DEVICE FOR NETWORK THREAT DEFENCE" in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 08, August 2025. e-ISSN: 2582-5208.
- ◆ Anita Borkar, Neelam Thakur, Jyoti Kansari, Pratibha Sao, "Integrating Artificial Intelligence and the Internet of Things in Healthcare: A Comprehensive Survey", International Journal of Creative Research Thoughts (IJCRT), An International Open access, Peer-reviewed, Refereed Journal, Volume 13, Issue 5 May 2025, ISSN: 2320-2882, Impact Factor: 7.97. <http://www.ijcrt.org/papers/IJCRT2505990>

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- ◆ Mrs. Neelam Thakur, “Smart attendance Management system”, International Journal of Creative Research Thoughts (IJCRT), An International Open access, Peer-reviewed, Refereed Journal, Volume 13, Issue 6, June 2025, ISSN: 2320-2882.
- ◆ Anita Borkar, Neelam Thakur, Jyoti Kansari, Pratibha Sao, “Integrating Artificial Intelligence and the Internet of Things in Healthcare: A Comprehensive Survey”, International Journal of Creative Research Thoughts (IJCRT), An International Open access, Peer-reviewed, Refereed Journal, Volume 13, Issue 5 May 2025, ISSN: 2320-2882, Impact Factor: 7.97. <http://www.ijcrt.org/papers/IJCRT2505990>
- ◆ Participated and presented Research paper “MALWARE DETECTION USING MACHINE LEARNING “at ICET- 2025 International Conference on Emerging Technologies in CS, IT, Innovation & Management held on 20 and 21 June 2025, organized by Department of Information Technology & Computer Science Department of Commerce & Management In Association with Internal Quality Assurance cell & IIC, Dr. C. V. Raman University, Kargi road, Kota Bilaspur, (G.G.)
- ◆ Anita Borkar, Neelam Thakur, Jyoti Kansari, Pratibha Sao, “Integrating Artificial Intelligence and the Internet of Things in Healthcare: A Comprehensive Survey”, International Journal of Creative Research Thoughts (IJCRT), An International Open access, Peer-reviewed, Refereed Journal, Volume 13, Issue 5 May 2025, ISSN: 2320-2882, Impact Factor: 7.97. <http://www.ijcrt.org/papers/IJCRT2505990>
- ◆ Mrs. Anita Borkar, Dr. Shanu K. Rakesh, Akanksha Singh, Malay Raj Bareth, Muskan Maurya, Muskan Thakur, “CODOX: A Real-Time Collaborative Document Editing Platform”, International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 09 Issue: 06 , June – 2025, SJIF Rating: 8.586, ISSN: 2582-3930 <https://ijsrem.com/download/codox-a-real-time-collaborative-document-editing-platform-2/>
- ◆ Khallikkunaisa, Prapti Pandey, Dr. Swati Rastogi, Pradeep Kumar Pandey, Yogesh Kumar Gupta, Shivnarayan Ahirwar, Anita Borkar, Jyoti Kansari, Indian Patent published with Application/Patent Number: 446980-001 on Title “MACHINE LEARNING BASED NETWORK SECURITY DEVICE” on date 05/02/2025 with date of issue 01-04-2025.

FDP/STP/TTP/WORKSHOP:

- ◆ Dr. Shanu K. Rakesh , One week Faculty Development Programme (FDP) on “Navigating Research Grants and Funding Opportunities” organized by the School of Pharmacy, Vishwakarma University, Pune, from 27th Jan to 1st Feb 2025.
- ◆ Dr. Shanu K. Rakesh, One week online FDP on “Leveraging AI to Transform Teaching & Learning Methodologies” by E&ICT Academy IIT Guwahati held from 9-13 June 25 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune.
- ◆ Dr. Ashish Jaiswal, One-Week Online Faculty Development Programme on “Leveraging AI to Transform Teaching and Learning Methodologies” organized by E&ICT Academy IIT Guwahati held from 09 June – 13 June, 2025 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune.
- ◆ Mr. Nilesh Gupta, One-Week Online Faculty Development Programme on “Leveraging AI to Transform Teaching and Learning Methodologies” organized by E&ICT Academy IIT Guwahati held from 09 June – 13 June, 2025 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune.
- ◆ Mr. Neetin Kumar, Chouksey Engineering College, Bilaspur for participating in the Faculty Development Program on Innovation and Entrepreneurship, held from 18 to 22 March 2025 at CVRU i-TBI, Kota, Bilaspur (C. G.) organized by the All India Council for Technical Education (AICTE) and the Ministry of Education’s Innovation Cell (MIC).
- ◆ Mrs. Pratibha Sao, One-Week Online Faculty Development Programme on “Open-Source Tools” organized by Department of Computer Science and Engineering from 21st April to 26th April 2025, in association with S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.

- ◆ Mrs. Pratibha Sao, One-Week Online Faculty Development Programme on “Leveraging AI to Transform Teaching and Learning Methodologies” organized by E&ICT Academy IIT Guwahati held from 09 June – 13 June, 2025 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune.
- ◆ Mrs. Neelam Thakur, 5 days International Faculty Development Program on Gen AI & Chat GPT Application in the Industry Organized by the Department of MBA & Research Centre, SJC Institute of Technology, Chikkaballapur, Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad- Telangana, in Collaboration with ExcelREdtech Pvt. Ltd. Date 27/01/2025 to 31/01/2025.
- ◆ Mrs. Neelam Thakur, One week International Faculty Development Program on Blockchain & Web3 Organized by the Department of CSE & CSE(Data Science), Sri Siddhartha Institute of Technology, SSAHE, Karnataka. Jai Narain College of Technology, Bhopal Madhya Pradesh in Collaboration with ExcelR Edtech Pvt. Ltd. Date 10/03/2025 to 17/03/2025.
- ◆ Mrs. Neelam Thakur, One Week Faculty Development Program on "Open-Source Tools" Organized by Department of Computer Science and Engineering, S.B. Jain Institute of Technology, Management & Research, Nagpur. Date 21/04/2025 to 26/04/2025.
- ◆ Mrs. Neelam Thakur, One-Week Online Faculty Development Programme on “Leveraging AI to Transform Teaching and Learning Methodologies” organized by E&ICT Academy IIT Guwahati held from 09 June – 13 June, 2025 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune.
- ◆ Mrs. Neelam Thakur, “Roadmap for Success: Mastering Strategy Formulation with Chat GPT” on 25/01/2025, Organized by NPTEL, Prof. Arjun V. Singar, Founder Educator – FRIYAY Learning Academy, Associate Professor – PES University.
- ◆ Successfully Completed one week online Faculty Development Programme on "Open-Source Tool" from 21st April to 26th April 2025, organized by S. B. Jain Institute of Technology, Management & Research, Nagpur.
- ◆ 14. Participated in the One-Week Online Faculty Development Programme on “Leveraging AI to Transform Teaching and Learning Methodologies” organized by E&ICT Academy IIT Guwahati held from 09 June – 13 June, 2025 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune.
- ◆ Anita Borkar Participated in Faculty Development Program on Awarded To Gen AI & Chat GPT Application in the Industry Organized by the Department of MBA & Research Centre, SJC Institute of Technology, Chikkaballapur. Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad – Telangana. Bharti Vidyapeeth (Deemed to be University) College of Engineering, Pune in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 27th Jan to 31st Jan 2025
- ◆ Anita Borkar Participated in Faculty Development Program on Cyber Security Organized by the Department of MBA & Research Centre, Sathagiri NPS University, Bangalore. MCA Department, Indira College of Engineering & Management, Prandwadi Pune. Annasaheb Dange College of Engineering & Technology, Ashta, Maharashtra. Nist University, Odisha in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 14th Feb to 20th Feb 2025.
- ◆ Anita Borkar of Chouksey engineering college, Bilaspur has attended the one-week online Faculty Development Programme on “Open-Source Tools”, organized by Department of Computer Science and Engineering, S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR, from 21st April to 26th April 2025.
- ◆ Anita Borkar of Chouksey engineering college, Bilaspur has participated in the One-Week Online Faculty Development Programme on “Leveraging AI to Transform Teaching and Learning Methodologies” organized by E&ICT Academy IIT Guwahati held from 09 June – 13 June, 2025 in association with Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune
- ◆ Mrs. Anita Borkar, Successfully completed FDP on “Programming in JAVA” with consolidated score of 77%, 12 Week, IIT Madras, Jan-Apr 2025, SWAYAM NPTEL, AICTE Faculty Development Programme, Skill India.



STUDENTS ACHIEVEMENTS

Our Shining Stars

Aman Kashyap, a proud alumnus of the CSE Batch 2019–2023 and an active NCC cadet, EX-UO, has been selected for the Short Service Commission (Technical – Men) 64th Course in the Indian Army and commissioned as a Lieutenant (Officer). This remarkable achievement reflects his unwavering dedication, discipline, and perseverance, bringing immense pride to the Department of Computer Science and Engineering and the entire Chouksey Engineering College family.



Akanksha Singh in Viksit Bharat Youth Parliament



Akanksha Singh, a 7th-semester student of the Department of Computer Science and Engineering, proudly represented Chouksey Engineering College in the Viksit Bharat Youth Parliament. Selected among the top 10 participants in the District Round from 118 contestants for her insightful speech on “One Nation, One Election,” she advanced to the State Round held at the Chhattisgarh Vidhan Sabha. There, she delivered an impactful speech on “75 Years of the Indian Constitution.” Her remarkable participation reflects strong leadership, public speaking skills, and a deep commitment to Civic Engagement and Democratic Values.

Campus Placements Highest Package Achievers



Hackathon Participations



Research And Development:

S. No.	Students Name	Publication	Description
1	Aditya Saxena	International Journal	Published a paper titled "SynKron AI: A conversational, voice-based & IoT assistant", International Research Journal of Engineering and Technology (IRJET), Volume: 12 Issue: 06, Jun 2025, e-ISSN: 2395-0056, p-ISSN: 2395-0072
2	Leena Patel		
3	Aman Dixit		
4	P.Anirudha Varma		
5	Ayush Tiwari	International Journal	Published a paper titled "Stackpulse: A central hub for coding and collaboration", International Research Journal of Engineering and Technology (IRJET), Volume: 12 Issue: 06, Jun 2025, e-ISSN: 2395-0056, p-ISSN: 2395-0072
6	Kumkum Soni		
7	Seemran Pathak		
8	Sonu Singh		
9	Akanksha Singh	International Journal	Published a paper titled "CODOX: A Real-Time Collaborative Document Editing Platform", International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 09 Issue: 06, June - 2025, SJIF Rating: 8.586, ISSN: 2582-3930
10	Malay Raj Bareth		
11	Muskan Maurya		
12	Muskan Thakur		
13	Aditi Kant	International Journal	Published a paper titled "Law Genius: AI-Powered Legal Assistant", International Journal of Creative Research Thoughts (IJCRT), Volume 13, Issue 6 June 2025, ISSN: 2320-2882
14	Ayushman Sharma		
15	A.Tejaswinir Rao		
16	Sanchita Rai		
17	Harshvardhan Patel	National Conference	Participated and Presented a Paper titled " Malware Detection Using Machine Learning", ICET-2025: International Conference on Emerging Technologies in CSIT, Innovation & Management DATE- 20th & 21st JUNE 2025
18	Vinay Kumar Tandan		
19	Roshni Soldey		
20	Pratima Sahu		
21	Dharmendra Mahilang	International Journal	Published a paper titled "Smart Attendance Management System", International Journal of Creative Research Thoughts (IJCRT), Volume 13, Issue 6 June 2025, ISSN: 2320-2882
22	Jitendra		
23	PreetiSahu		

CSE DEPARTMENT TOPPERS

3rd SEM CSE TOPPERS

CHOUKSEY GROUP OF COLLEGES
B.TECH, M.TECH, MBA, PHARMACY, LAW, B.A.M.S, DEGREE COURSES

3RD SEMESTER TOPPERS

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Yashraj Yadav 76.9%	Naman Gupta 73.7%	Maitam Sen 72.8%	Ayshi Saluja 72.4%	Kanchh Vishwakarma 69.1%
Akshat Shivastava 68.1%	Shweta 67.1%	Vaishali Sharma 66.6%	Sujal Mishra 65.3%	

CONTACT US AT 82182-38282

5th SEM CSE TOPPERS

CHOUKSEY GROUP OF COLLEGES
B.TECH, M.TECH, MBA, PHARMACY, LAW, B.A.M.S, DEGREE COURSES

Congratulations!
TOPPERS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B. TECH 5th SEM (2024-25)

C LAVANTA RAO 87.4%	K SHWETA RAO 86.9%	NIHARI KUMARI 84.8%
PRINCE THAKUR 82.8%	SURYAKANT JAISWAL 82.4%	NEELASHREE CHATTERJEE 79.9%
OMKAR SAHU 78.8%	PRISHA GUPTA 78.9%	AAYUSH TIWARI 77.2%

CONTACT US AT 82182-38282

7th SEM CSE TOPPERS

CHOUKSEY GROUP OF COLLEGES
B.TECH, M.TECH, MBA, PHARMACY, LAW, B.A.M.S, DEGREE COURSES

Congratulations!

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
7TH SEM TOPPERS - 2024-25

Debashish Raha 83.9%	Mouli Singh 82.7%	Amresh Singh 79.1%
Sankar Pandey 78.8%	Kajal Gupta 78.2%	Jhanshi Kumar 78.1%
Tarun Kumar Kothare 77.4%	Pratik 76.9%	Arush Srivast 76.8%

CONTACT US AT 82182-38282

GATE- 2025 QUALIFIED STUDENTS

B BHAVANI KUMAR DEPT: CSE AIR: 14322	VIRENDRA SHARMA DEPT: CSE AIR: 726	SHUBHAM PORTE DEPT: CSE AIR: 33355
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STUDENTS QUALIFIED NSS 'C' CERTIFICATE EXAMINATION

NSS 'C' CERTIFICATION 2025:

SR. NO	STUDENT NAME	NSS CERTIFICATE	YEAR
1.	Mr. Sonu Singh	NSS 'C' Certificate	2025
2.	Ms. Mallika Rani Tandon	NSS 'C' Certificate	2025
3.	Mr. Mayank Yadav	NSS 'C' Certificate	2025
4.	Mr. Vishal Kumar Sahu	NSS 'C' Certificate	2025
5.	Ms. Akansha Singh	NSS 'C' Certificate	2025
6.	Mr. Rahil Kumar Marbal	NSS 'C' Certificate	2025

STUDENTS QUALIFIED NSS 'B' CERTIFICATE EXAMINATION

NSS 'B' CERTIFICATION 2025:

SR. NO	STUDENT NAME	NSS CERTIFICATE	YEAR
1.	Mr. Jitendra Kumar	NSS 'B' Certificate	2025
2.	Mr. Shahil Chandrakar	NSS 'B' Certificate	2025
3.	Mr. Nikhil Kumar Mahant	NSS 'B' Certificate	2025

DEPARTMENT SWAYAM NPTEL CERTIFICATIONS



ARMY ATTACHMENT CAMP SELECTION

STUDENTS CORNER



We are immensely proud to announce that two of our talented engineering students,

VISHAL SAHU AND CHANDAN CHANDRAKAR

have been selected to attend the prestigious “Army Attachment Camp”. This once-in-a-lifetime opportunity will give them invaluable insights into the discipline, leadership, and commitment of the Indian Army. Their selection is a reflection of their dedication and drive.

ART WORK BY K. SHWETA RAO

(Student of B.Tech 6th semester CSE)

A beautiful piece of artwork by our beloved student, representing a lot of his aspects in one single scenery. Beautiful picture presents his creativity, hard work, patience and imagination.