



CSE NEWSLETTER

Empowering Innovation, Inspiring Growth
Welcome to the CSE Department Newsletter! This edition highlights the achievements, projects, and milestones of our talented students and faculty, showcasing our commitment to excellence in technology. Stay inspired and enjoy reading!

SESSION 2024-2025
ISSUE- 01



MESSAGE FROM HEAD OF DEPARTMENT

CSE NEWSLETTER



Dr. Manish Gupta
DEAN (CSE)

Dear Students and Faculty Members,
The CSE Department is moving ahead on many fronts with AIML, IOT and Data Science. The consistent efforts and hard work of all is highly appreciable. It is time to think out of the box! It is the time to make rich projects on emerging technologies. The biggest testimony for quality comes from NBA, so work consistently for its extension. I would like to encourage all students and faculty members of my department to be focused and determined to set goals so that we all can grow together as a person, department and institute.

TABLE OF CONTENTS

CSE NEWSLETTER

- ▶ *Vision and Mission of Department*
- ▶ *PEOs, POs and PSOs*
- ▶ *Calendar of Events*
- ▶ *Guest Lectures*
- ▶ *Achievements Corner: Faculty*
 - ▶ *Patents By Faculty Members*
 - ▶ *Research Papers By Faculty Members*
 - ▶ *FDPs Attended By Faculty Members*
- ▶ *Achievements Corner: Students*
 - ▶ *NPTEL Achievements*
 - ▶ *Hackathons*
 - ▶ *Event Winners*
 - ▶ *Placements*
- ▶ *Editorial Board*



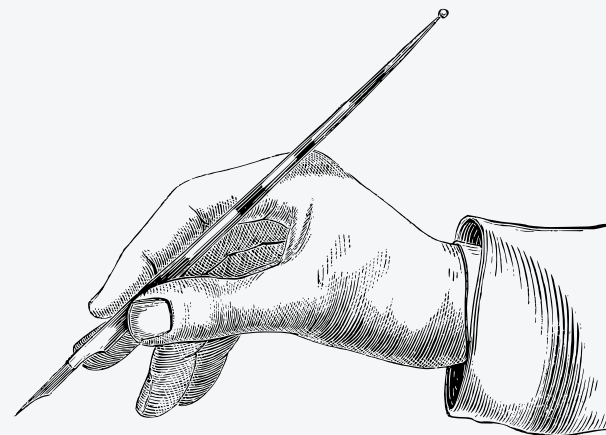
VISION AND MISSION

VISION

Developing globally recognized computer science and engineering graduates with ethical values for the software industry.

MISSION

- ▶ **M1:** To impart knowledge well defined in structural objectives in the field of computer science and engineering.
- ▶ **M2:** Provide a learning environment that fosters innovation, leadership, and overall personality development.
- ▶ **M3:** Develop professional ethics, teamwork, and social responsibility



PROGRAM EDUCATIONAL OUTCOMES (PEOs)

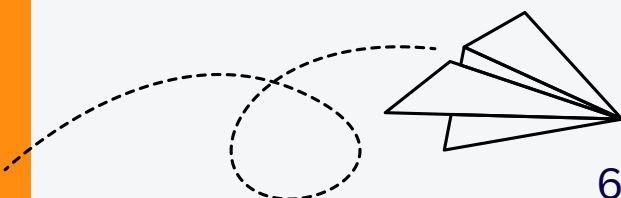
- ▶ **PEO 1:** The graduates will have entrepreneurial and employable skills in software industries, by adapting themselves in the corporate world by utilizing the defined instructional objectives learnt in the program.
- ▶ **PEO 2:** The graduates will engage in skill enhancement, that would help to work in their own area of interest, individually or in a team.
- ▶ **PEO 3:** The graduates will demonstrate ownership and responsiveness towards the profession and the society.

PROGRAM OUTCOMES (POs)

- ▶ **1.Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
- ▶ **2.Problem analysis:** Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- ▶ **3.Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
- ▶ **4.Conduct investigations of complex problems:** Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.
- ▶ **5.Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
- ▶ **6.The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PROGRAM OUTCOMES (POs)

- ▶ **7.Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- ▶ **8.Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- ▶ **9.Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- ▶ **10.Communication:** Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- ▶ **11.Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- ▶ **12.Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



PROGRAM SPECIFIC OUTCOMES (PSOs)

- ▶ **PSO1:** Comprehend the core subjects of CSE and apply them to resolve domain specific tribulations.
- ▶ **PSO2:** Extrapolate the fundamental concepts in engineering and to apply latest technology with programming language skills to develop, test, implement and maintain software products.

CALENDER OF EVENTS

CSSS EVENTS

S.No.	Name of Event	Date	Total Participants
1	Treasure Hunt	05-10-2024	267
2	Kaun Banega Coder	16-10-2024	52
3	Diwali Delights	26-10-2024	17
4	Know Your MIT	30-10-2024	82
5	Free Fire Frenzy	07-12-2024	52
6	Digital Deception	26-12-2024	40



GUEST LECTURES

S. No.	Name of Expert	Designation & Organization	Topic	Date	No. of Students Attended
1	Mr. Tarun Kumar	Android Developer Ducat, Noida	Android Mobile & TV Application Development	21-07-2024	95
2	Ms. Subhasree Jana	ServiceNow QA Head Carl Zeiss India (Bangalore) Pvt. Ltd.	IT Industry & ServiceNow Product Overview	26-09-2024	110
3	Er. Satyam Dixit	Power BI Expert DUCAT, Noida	Introduction to Power BI and Its Applications	05-10-2024	67

ACHIEVEMENTS CORNER: FACULTY

PATENTS BY FACULTY MEMBERS

S. No.	Name of Faculty	Title of Patent	Application Number	Status	Date of Filing Application
1	Dr. Manoj Kumar Singh	IOT Enabled Locking Device For Vehicle	430880-001	Registered	02-10-2024
2	Yukti Varshney	EEG Based Emotion Monitoring Device	6401174	Registered	30-10-2024

ACHIEVEMENTS CORNER: FACULTY

RESEARCH PAPERS BY FACULTY MEMBERS

S.No.	Research Description
1	Goyal, P., Rishiwal, V. & Negi, A. Pre-emptive Priority Queueing Based Multipath Routing (PPQM) to Enhance the QoS for Video Transmission in H-MANETs. Wireless Pers Commun 138, 1155–1191 (2024). https://doi.org/10.1007/s11277-024-11551-z
2	Singh, R., Singh, S, Gupta, A., Bhatnagar, P. An Examination of the Existing Literature Concerning Fraudulent Online Reviews: Obstacles and Potential Remedies. International Journal of Innovative Science and Research Technology, 9(9), 2324-2327 (2024). https://doi.org/10.38124/ijisrt/IJISRT24SEP1396
3	Singh, R., Pant, V., Salman, M., Varshney, Y. An Exploration of Deep Learning for Medical Image Analysis. International Journal of Engineering Sciences & Emerging Technologies, 11(4), 941-946 (2024). https://www.ijeset.com/volume-11-issue-4.html
4	Saxena, A., Kumar, R., Kodge B., G., Gadipuuri, R., Menaka, R., Chaithrashre, A, Avinash. (2024). A Novel approach for Designing a Blockchain-Based Intrusion Detection System for Securing IoT Networks Using Machine Learning Algorithms. Library Progress International, 44(3), 24786-24804 (2024). https://doi.org/10.48165/bapas.2024.44.2.1
5	Singh, A., Singh, S., Rastogi, P., Kumar, M., Bhardwaj, S., Swaroop, S. Analyzing the recent advancements for Speech Emotion Recognition Using Machine Learning Techniques. African Journal of Biomedical Research, 27(4), 2188 -2194 (2024). https://www.africanjournalofbiomedicalresearch.com/index.php/AJBR/article/view/4017
6	Pandey A, Singh A, Boyapati P, Chaturvedi A, Purushotham, N, Sangeetha M. An automated ECG-based deep learning for the early-stage identification and classification of cardiovascular disease. Technology and health care : official journal of the European Society for Engineering and Medicine vol. 32(6) : 5025-5045 (2024). https://doi.org/10.3233/THC-240543
7	Vishnoi, V, Kumar, K., Kumar, B., Bhutiani, R. A stacking ensemble machine learning based approach for classification of plant diseases through leaf images. An International Journal Devoted to Conservation of Environment, 25(3), 767-778 (2024). https://doi.org/10.36953/ECJ.28742840

ACHIEVEMENTS CORNER: FACULTY

FDPs ATTENDED BY FACULTY MEMBERS

S. No.	Name of FDP	Orgnaised By	Venue	Date (From)	Date (To)	No. of Faculty Attended
1	Recent Trends in Computing 4.0	Department of Computer Engineering, VIT Pune.	Online	08-07-2024	13-07-2024	8
2	Towards IT Enabled computer vision	IIT Gwalior	Online	15-07-2024	19-07-2024	1
3	Inculcating Universal Human Values in Technical Education	AICTE	MIT, Moradabad	25-07-2024	27-07-2024	10
4	Entrepreneurship, Incubation, and Innovation	Department of Biotechnology, Bansal Institute of Engineering and Technology, Lucknow	Online	05-08-2024	10-08-2024	2
5	Deep Learning for Engineering Applications	NITTTR, Chandigarh	Online	02-09-2024	06-09-2024	30
6	Cryptography and Network Security	AICTE	MIT, Moradabad	16-09-2024	20-09-2024	34
7	Best Academic Practices & Advantages of the Traditional Teaching Methodology	ICFAI Business School-Gurgaon and MIT Moradabad	Online	24-09-2024	24-09-2024	4
8	High Performance Computing (HiPC)	Department of Computer Engineering, NIT, Kurukshetra, India.	Online	23-10-2024	27-10-2024	1

ACHIEVEMENTS CORNER: FACULTY

FDPs ATTENDED BY FACULTY MEMBERS

S. No.	Name of FDP	Orgnaised By	Venue	Date (From)	Date (To)	No of Faculty Attended
9	Mental Health thand AI: Innovation in Detection, Treatment and Support	Academic and Administrative Development Centre(AIU-CUHP-AADC)&IQAC, Chitkara University, Himachal Pradesh	Online	07-11-2024	14-11-2024	1
10	Generative AI	IIT, Kanpur	Online	14-11-2024	22-11-2024	1
11	Innovative Applications and Ethical Considerations of Artificial Intelligence in Modern Research	Bhagwan Parshuram Institute Of Technology	Online	25-11-2024	30-11-2024	2
12	Blockchain and Cyber Security: A Technological Transformation for Smart City Infrastructure	Priyadarshini College Of Engineering	Online	02-12-2024	07-12-2024	11
13	Artificial Intelligence Edge Soft Computing (AICTE Training And Learning (ATAL) Academy)	AICTE	Online	09-12-2024	14-12-2024	1

ACHIEVEMENTS CORNER: STUDENTS

NPTEL ACHIEVEMENTS

S. No.	Course Name	Name	Week	% Marks (Score)	Grade	Achievement
1	Developing Soft Skills and Personality	Narendra Hindwar	8	93	Elite+Gold	Topper of 1% in this course
2	Introduction to Industry 4.0 and Industrial Internet of Things	Ananya Agarwal	12	84	Elite+Silver	Topper of 2% in this course
3	Programming in Java	Swayam Agarwal	12	80	Elite+Silver	Topper of 2% in this course
4	Introduction to Internet of Things	Sanjay Malik	12	90	Elite+Gold	Topper of 5% in this course
5	Introduction to Internet of Things	Shashwat Singhal	12	88	Elite+Silver	Topper of 5% in this course
6	Developing Soft Skills and Personality	Divyanshi Saxena	8	87	Elite+Silver	Topper of 5% in this course
7	Introduction to Industry 4.0 and Industrial Internet of Things	Akshdeep Singh	12	82	Elite+Silver	Topper of 5% in this course
8	Introduction to Industry 4.0 and Industrial Internet of Things	Dhairya Sarswat	12	81	Elite+Silver	Topper of 5% in this course
9	Introduction to Industry 4.0 and Industrial Internet of Things	Utkarsh Saxena	12	81	Elite+Silver	Topper of 5% in this course

ACHIEVEMENTS CORNER: STUDENTS

HACKATHON

S. No.	Name of Winners	Name of Event	Venue	Position of Winners
1	Shashwat Singhal Dhairya Saraswat Pari Dubey Shubham Sahu	AKTU NextGen Kalam Innovation Sprint 2024	Innovation Hub, AKTU, Lucknow, Uttar Prdeash	Top -10
2	Utkarsh Saxena Ujjwal Mishra Manisha kashyap	Code-A-Problem	Mangalmay Institute of Technology, Greater Noida	2nd Position (Silver Medal+ 1100 Rs. Cash Prize)
3	Ali sher Khan Abbas Akbar Shashwant Tiwari Ansh Kumar Gupta Abhishek Bansal	Hackathon 2024	Center of Business Incubation and Innovation (CBII), I HUB Shivalik College, Dehradun, Uttarakhand	1st Consolation Prize
4	Shashwat Singhal Dhariya Saraswat Pari Dubey Shubham Sahu Ujjwal Paliwal Daksh Dixit	HackVerse 2024	Tulas Instittute of Technology, Dehradun Uttarakhand	Top -10
5	Shashwat Singhal Dhariya Saraswat Baljeet singh Shubham Sahu	National Innovation Award 2024	Panipat Institute of Technology, Panipat, Haryana	
6	Shashwat Singhal Dhairya Saraswat	IIT Bombay Tech Fest	IIT Bombay, Maharastra	Exhibitionar
7	Dhairya Saraswat	ICTACS-2024	Amity University, Tashkand	Paper Presenter

ACHIEVEMENTS CORNER: STUDENTS

HACKATHON



ACHIEVEMENTS CORNER: STUDENTS

WINNERS IN CSSS EVENTS

S.NO.	Name of Winners	Name of Event	Venue	Position of Winners
1	Vinamre Pandey Yash Singh Yash Pathak Tanishk Agarwal	Treasure Hunt	Auditorium	First
	Unendra Pal RachitDeol Abbas Jannati Yuvraj Singh Utkarsh Vishnoi			Second
2	Varun Chauhan	Kaun Banega Coder 3	B-Block, Seminar Hall	First
	Piyush Varshney			Second
	Navneet Singh			Third
3	Parth Kumar Gupta	Diwali Delights	Online Mode	First
	Vanshika			Second
	Manik Pratap Singh Rajdeep Singh			Consolation
4	Md. Arsh Arpit Singh Bhupendra Sharma	Know Your MIT- 3.0	B-321	Runner Up Team
5	Prince Yadav (CSE 2nd year)	Free Fire Frenzy	B-321	Winner

ACHIEVEMENTS CORNER: STUDENTS

WINNERS IN HOBBIES CLUB EVENTS

S.NO.	Name of Winner	Name of Event	Venue	Position of Winners
1	Parth Kumar Gupta	Craft Mania	Auditorium	First
	Shagun			Second
	Sanskriti Yadav Mansi Dangwal			Consolation
2	Maryam Noor Khan	Acting Buzz	Auditorium	First
	Unnati Thakur			
	Riya Mishra			
3	Manik Pratap Singh	Divya Dhwani	C- Block, Seminar Hall	Second
	Vedansh Rajpoot			Consolation
4	Sumit Kumar Saini	Deepmay Rangoli	A-Block, Reception Area	First
	Ojit Chauhan			Second
	Yashi Tripti			Third
	Somya Kaushik Sahej			Consolation
5	Vansh Raj	Game Storm	15th August Lawn	Second
	Sushant Verma Shivank Pal			Third

ACHIEVEMENTS CORNER: STUDENTS

WINNERS IN LITERARY SOCIETY EVENTS

S.NO.	Name of Winners	Name of Event	Venue	Position of Winners
1	Vivek Kishor	Touching Lives While Touching Moon	Auditorium	Third
2	Riya Mishra	Induction Program Focus & frame (Picture Description)	Auditorium	Third
	Sirshti Rana			Consolation
3	Nimisha Rahal	Induction Program Groove Roulette : Dance to the Beat	B Block, Seminar Hall	Second
4	Anubhav Bhardwaj	Induction Program Quick Fire Thoughts (Extempore)	Auditorium	Third
5	Parth Kumar Gupta	Hindi Diwas (Essay Competition)	B Block, Seminar Hall	First
	Sunidhi Shrotriya			Second

ACHIEVEMENTS CORNER: STUDENTS

WINNERS IN LITERARY SOCIETY EVENTS

6	Harsh Agarwal	Gandhi Smriti	Online	First
	Rangoli Saini			Second
	Parth Kumar Gupta			Consolation
7	Utkarsh Saxena	Best Shot On The Spot	Online	First
8	Sumit Saini	Wise Wednesday	C-Block, Seminar Hall	Consolation
9	Satyam Kumar Harshita	Bhartiya Sanskriti Gyan Prasar	C-Block, Seminar Hall	First
	Tanisha Singh Ayush Chaudhry			Consolation
10	Daksh Patwal Aaradhya	Dumb Charades	C-Block, Seminar Hall	First
	Akashdeep Singh Ansh Raj Saxena Harshit Tomar Arman Siddiqui			Second
	Anshika Goel Aditi			Third
11	Dixit Kumar	Declamation Contest	C-Block, Seminar Hall	Second
	Utkarsh Saxena			Third
	Pulkit Singhal			Consolation

ACHIEVEMENTS CORNER: STUDENTS

WINNERS IN LITERARY SOCIETY EVENTS

12	Vivek Kishor	English Debate Competition	C-Block, Seminar Hall	First
	Shivansh Singh			Second
13	Pulkit Singhal	Hindi Debate Competition	C-Block, Seminar Hall	Second
	Utkarsh Saxena Dixit Kumar			Third
14	Pragati Yadav Dixit Kumar	Junkyard	C-Block, Seminar Hall	Second
15	Vineet Goel Sarthak Gupta	Bridge Kriti	C-Block, Seminar Hall	First
	Pragati Yadav Paridhi Gupta			Third
	Manik Ojit			Consolation
16	Manik Pratap Singh	Best Shot On The Spot	C-Block, Seminar Hall	First
17	Shivansh Singh Tanishka Utkarsh Satyam	Ad-Mad	C-Block, Seminar Hall	First
	Dixit Kumar			Second
	Rachit Tyagi Tanvi Aaroahi Riddhi			Third
18	Shivansh Singh	Business Plan	C-Block, Seminar Hall	First

STUDENT PLACEMENTS

S.No.	Name of the Company	No. of Selections	Stipend/ L.P.A.	Drive Date
1	Teachnook	10	6	12-06-24
2	Planet Spark	1	7.1	11-08-24
3	Intellipaate Software Solution	3	6	12-09-24
4	uCertify	2	3.48	12-12-24
5	Estern Software Solutions	6	2.8	17-09-24

EDITORIAL BOARD



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