

NEWS-LETTER

Second Half 2024



**Dr. Aparna Bannore
(HOD)
Department of
Computer Engineering**

FROM THE HOD's DESK

Department of Computer Engineering of SIES GST started in year 2003 offers undergraduate p in Computer Science where students are exposed to concepts of computer engineering to motivate their humanities, innovation, creative and problem s abilities, and capacity for teamwork in interdisciplinary, national and international environment. The students are nurtured to become better professionals

COMPUTER ENGINEERING DEPARTMENT
SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL
VOLUME 9 ISSUE 1

VISION

To be a center of Excellence in Computer Engineering to fulfill the rapidly growing needs of the Society.

MISSION

- To Impart quality education to meet the professional challenges in the area of Computer Engineering.
- To create an environment for research, innovation, professional and social development.
- To nurture lifelong learning skills for achieving professional growth.
- To strengthen the alumni and industrial interaction for overall development of students.

Program Educational Objectives (PEOs)

- Practice Computer engineering in core and multi-disciplinary domains.
- Exhibit leadership skills for professional growth.
- Pursue higher studies for career advancement.

Program Specific Outcomes (PSOs)

- To apply computational and logical skills to solve
- To develop interdisciplinary skills and acquaint with cutting edge technologies in software industries

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
1	Dr. Aparna Bannore	B.E(CSE) , M.E (CE), Ph. D	Professor	Cyber security and Signature security.
2	Dr. Rizwana Siddiqui	B.E(I.T), M.E(CE), Ph.D	Associate Professor	Cloud Computing and Security
3	Dr. Varsha Patil	B.E, M.E (CE),Ph.D	Associate Professor	Image Processing, Data Mining, Machine Learning, Natural Language Processing
4	Ms. Suvarna Chaure	B.E(CSE),M.E (CE), Ph.D*	Assistant Professor	Security
5	Mr. Sunil K Punjabi	B.E, M.E (CE)	Assistant Professor	Software Engineering
6	Ms. Ujwala Ravale	B.E, M.E (CE), Ph.D*	Assistant Professor	Network Security, Machine Learning
7	Dr. Kalyani Pampattiwar	B.E. (CSE), M.E (CE), Ph.D*	Assistant Professor	Security, Data Mining
8	Ms. Namrata Patel	B.E., M.E (CE), Ph.D*	Assistant Professor	Web Mining
9	Ms. Kranti Bade	B.E.(IT), M.E(CSE)	Assitant Professor	Data Mining

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
10	Dr. Arathi Boyanapalli	B.E, M.E (CSE), Ph.D*	Assistant Professor	Computer Network
11	Ms. Urvashi Patkar	B.E, M.E (CSE)	Assistant Professor	Cyber Security And Block Chain
12	Ms. Rasika M	B.E, M.Tech (CSE), Ph.D*	Assistant Professor	Blockchain And Machine Learning
13	Ms. Jyoti Baviskar	B.E (IT), M.E (CE)	Assistant Professor	
14	Ms. Sujata Kamble	B.E, M.E (CE), Ph.D*	Assistant Professor	Machine Learning
15	Dr. Aparna Bhonde	B.Tech(IT), ME (IT), PhD (CEST)	Assistant Professor	Network and Security
16	Ms. Shruti	B.E, M.E.	Assistant Professor	
17	Ms. Smriti V	BE (CS), M.Tech (CS&IT)	Assistant Professor	Data Science, Deep Learning
18	Ms. Ashwini P	B.E., M.E.	Assistant Professor	

NON - TEACHING STAFF

Sr. No.	Name	Roles
1	Mr.Krishnamurthy Nadar	System Administrator
2	Mr. Bhagyashal Waghmare	Lab Assistant
3	Ms. Tanvi Todankar	Lab Assistant
4	Mr. Hanmanta Kaki	Lab Attendant
5	Mr. Srinivas Bathula	Lab Attendant

CLASS STRENGTH

Year	Total Strength	Girls	Boys
SE	136	86	50
TE	138	87	51
BE	138	95	43

FACULTY ACHIEVEMENTS

BOOK CHAPTERS/PATENT/OTHERS

1. Dr. Aparna Bannore, Dr Arathi Boyanapalli published Patent titled “Augmented Reality Application For Immersive Exploration Of Historical Monuments”
2. Dr. Kalyani Pampattiwar, Ujwala Ravale, Namrata Patel, Kranti Bade published Patent titled “A secure interface for IoT devices enabled smart homes using blockchain

FACULTY ACHIEVEMENTS

PAPERS PUBLICATIONS

1. Dr. Kalyani Pampattiwar, Ms. Namrata Patel and Ms. Kranti Bade presented paper titled “Decentralized Vehicle Registration: A Blockchain Approach” in the ICDAI 2024 Organized by Techno International New Town on 27th July 2024.
2. Prof. Ujwala Ravale Presented paper titled “Improving Crypto Trading Security using LiquiSwap” in the 5th International Conference on Data Science and Applications (ICDSA 2024), 17th July 2024
3. Prof. Ujwala Ravale Published paper titled “Deepfake Detection using InceptionResNetV2 Mode” in the IEEE World Conference on Applied Intelligence and Computing (AIC 2024) on 27th July 2024.
4. Prof. Ujwala Ravale Presented paper titled “Adaptive Trust Based Secure Routing Protocol for Wireless” in the 5th International Conference On Computational Intelligence (ICCI 2024).
5. Prof. Jyoti Baviskar published paper titled “Detecting and Mitigating Malicious TPAs in Cloud-Based Data Storage Through Public Auditing” in the 2024 Global Conference on Wireless and Optical Technologies (GCWOT).
6. Prof. Namrata Jiten Patel Presented paper titled “Multilevel Access Control model for highly Scalable Cloud deployments with Contextual extensions” in the IEEE Global conference on Information Technologies and communications (GCITC) 25-26 October.
7. Prof Suvarna Chaure Published paper titled “Automated Assessment of Artefact Relevance Using Artefact Metadata and Correlated Timeline Events”. In the Cognitive Computing and Cyber Physical Systems. IC4S 2024. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 599. Springer.

FACULTY ACHIEVEMENTS

PAPERS PUBLICATIONS

1. Prof Suvarna Chaure Published paper titled “The Effect of Artificial Intelligence on Data Security Systems”. In the Cognitive Computing and Cyber Physical Systems. IC4S 2024. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 599. Springer.
2. Prof Suvarna Chaure Published paper titled “A Hybrid Deep Learning Model for Automated Cricket Commentary Generation” in the 024 IEEE 6th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA), Hamburg, Germany, 2024
3. Dr Aparna Bannore published paper titled “Academic Achievement Through Cooperative Learning: The Impact of the Jigsaw Method in The International Journal of Pedagogy and Curriculum
4. Prof Rasika Malgi Published paper titled “Music Plagiarism using machine learning.” in the International Journal of Creative Research Thoughts – IJCRT.

STUDENT DEVELOPMENT PROGRAM (SDP)

Value Added Courses

1. **Data Visualization for Data science:** The Department of Computer Engineering organized a Value added course on Data visualization for Data science for the students of SE/TE/BE was conducted from 26 June to 1 July 2024.
2. **Ethical hacking and Digital forensics:** The Department of Computer Engineering organized a Value added course on Ethical hacking and Digital forensics was conducted for the students of SE/TE/BE from 26 June to 1 July 2024

1. Prof. Suvarna Chaure attended 5 days residential FDP on “High Performance Computing (HPC)” Organized by C-DAC, Bangalore under C-HUK Project from 04 Nov to 08 Nov 2024.
2. Prof. Sunil Punjabi attended One Week ATAL FDP on “Impact & Outcome of Industry 4.0/5.0” Organized by K C College of Engineering, Thane from 02 Dec to 07 Dec 2024
3. All faculties attended 6 days ISTE Approved FDP on “Generative AI” Organized by SIES GST, Nerul from 9 Dec – 14 Dec 2024
4. Prof. Smruti Vyavahare attended 7 Days FDP on “AI Applications in Banking & Healthcare Industry” from 12 Dec – 18 Dec 2024
5. Dr. Aparna Bhonde attended One Week ISTE Approved FDP on “Blockchain Technology: Innovations & Applications” Organized by Datta Meghe College of Engineering from 9 Oct to 15 Oct 2024

STUDENT ACHIEVEMENTS

Sr. No.	Name of the student	Name of the achievement	SE/TE/BE
1	Pawan Kamat, Shridhar Iyer and Alisha Fernandes	Second place in Research paper competition organized by CSI-VSIT	BE
2	Serin Kaushik, Devdatta Temgire, Dhiraj Shriyan	Best paper award at International Conference on Networking and communications 2024, SRM University	BE
3	Rohan Ramkrishnan , Krishna and Tanishq	Third place for the business hackathon (Bootcamp) organized by SIESGST	TE
4	Apurva Jadhav Vedant K Soham J	Second Prize in Cognition Organized by SIESGST	TE
5	Nadaa Ahmed, Ashika Nadar	Third prize in Debate Group B (Hindi or English)	
6	Adhya Viju	First place in Inter Zonal Badminton Tournament, Thane Zone	TE
7	Purva Ambre	Runner up at inter collegiate Badminton tournament women, University of Mumbai	BE
8	Aryan Chalke	Second position in the field of Volleyball at VJTI	BE

INTERNSHIP & PLACEMENTS

INTERNSHIPS

Students are always proactively participating in the online and offline internship programs. College also provides internship opportunities through various student development programs on recent technologies. SE and TE students participate in such SDPs .

Internship is provided on Software Design Skills, **Blockchain Technology, Network Security & Ethical Hacking, Advanced HTML and Web Technology, Data Science Using R, Advanced C Programming, Web Development Technologies, Modelling Robot Kinematics.**

Students have completed internship program from various government as well as private organization like BARC, Connectwise, Zidio development, IBM, NIC, Eduskills, JSW, ATNT, Mano project consultant, Power renewable energy.

INTERNSHIP & PLACEMENTS

PLACEMENTS

Computer department placement is consistently good. Students are placed in various esteemed companies. Their selection is through **aptitude test, programming test, group discussion and technical interviews.**

In this **academic year 2024-2025**, students are placed in Prominent Companies like

Connectwise, Media.Net, TCS, L&T, nVent, Capgemini, Cognizant, InGram micro, SBI Life, FYNDNA, Auriopro, piByThree, CITIUS, Saint-Gobain, HDFC, Dark horse, Accelya, Impactsure

INTERNSHIP & PLACEMENTS

PLACEMENTS

	Batch	Total Students	Eligible Students	Placed students	Higher Studies
SH2024	2025	132	112	45	15

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STUDENT TOPPERS

S.E. – SECOND HALF 2024 (Semester III)

Overall Toppers

Sr. No.	Roll No.	Name of Student	Marks
1	123A1064	Maurya Swarika Hanumanprasad Geeta	713
2	123A1016	Ashwath Ranjith Keerthi	709
3	123A1075	Nadaa Ahamed Munnira	708

Subject Toppers

Rank	Roll No.	Name of the Student	Subject	Marks
1	123A1001	Aakanksha Sampat Sherkar Aasha	EM III	99
1	123A1013	Arunachalam Ramanathan Sivagami		99
1	123A1039	Ishaan Singh Shilpa		99
1	123A1064	Maurya Swarika Hanumanprasad Geeta		99
1	123A1074	Nikita Prashant Mulam Pradnya		99
1	123A1075	Nadaa Ahamed Munnira		99
1	224A1129	Hrshita Balakrishnan	DSGT	99
2	123A1014	Arya Vinod Kumar Mini		98
1	123A1023	Deshmukh Shreyas Santosh Ashvini	DS	91
1	123A1016	Ashwath Ranjith Keerthi		91
1	123A1071	Mudaliyar Manohar Nagalingam Janaki	DLCA	96
2	123A1075	Nadaa Ahamed Munnira		88
1	123A1014	Arya Vinod Kumar Mini	CG	94
2	224A1134	Patil Heena Akash		92

STUDENT TOPPERS

T.E. – SECOND HALF 2024 (Semester V)

Overall Toppers

Sr. No.	Roll No.	Name Of Student	Marks
1	122A1120	Vellapandi Vignesh Sundararaj Pudiaselvakumari	679
2	122A1080	Sanjana Rajendra Yadav Swati	668
3	122A1124	Shirke Vrushabh Deepak Aarti	664

Subject Toppers

Rank	Roll No.	Name of the Student	Subject	Marks
1	122A1043	K Priyanka Jothi	TCS	92
2	122A1080	Sanjana Rajendra Yadav Swati		90
1	122A1120	Vellapandi Vignesh Sundararaj Pudiaselvakumari	SE	88
2	122A1042	K Nisharani Kamesh Babu Deepa		84
1	122A1068	Tigade Omkar Milind Minal	CN	89
2	122A1043	K Priyanka Jothi		87
1	122A1120	Vellapandi Vignesh Sundararaj Pudiaselvakumari	DWM	95
1	223A1129	Dhale Janhvi Janardhan		95
1	122A1120	Vellapandi Vignesh Sundararaj Pudiaselvakumari	DLO - IP	90
2	122A1042	K Nisharani		88
1	122A1010	Pillai Aditya Ramesh Lavanya	DLO - ADBMS	90
2	122A1016	Anshul Chaudhari		88

STUDENT TOPPERS

B.E. – SECOND HALF 2024 (Semester VII)

Overall Toppers

Sr. No.	Roll No.	Name Of Student	Marks
1	121A1117	Tilakshankar Sakthikumar Shanthi	614
2	121A1092	Salunkhe Sakshi Sadashiv Surekha	606
3	121A1120	Vatturkar Ketaki Ritesh Jyoti	604

Subject Toppers

Rank	Roll No.	Name of the Student	Subject	Marks
1	121A1117	Tilakshankar Sakthikumar Shanthi	ML	89
2	121A1092	Salunkhe Sakshi Sadashiv Surekha		88
1	121A1032	Joshi Nimisha Nitin Neha	BDA	90
2	222A1136	Siddhant Shankar Ahirekar		89
1	121A1117	Tilakshankar Sakthikumar Shanthi	DLO1 - NLP	84
2	121A1064	Nadar Srija Suyambu Pappa		83
2	121A1068	Nande Saniya Rajesh Kalpana		83
1	222A1139	Vivek Santosh Dhalkari	DLO2 - BC	88
2	121A1092	Sakshi Salunkhe		85
1	121A1063	Pranav Nadar	DLO2 - ARVR	82
2	121A1071	Omkar Salunkhe		81
1	121A1092	Sakshi Salunkhe	ILO - MIS	72
2	121A1066	Nair Punya Venugopalan		71

ARTICLE

Student Article

Moving towards a Cyber Secured India

India's rapid digitization has transformed everyday life across urban and rural landscapes. With over 800 million internet users and a booming digital economy, the country is experiencing an unprecedented shift toward online platforms. Services such as UPI payments, online banking, social media, e-commerce, and digital public services have penetrated deep into the Indian masses. While this digital growth brings convenience and economic benefits, it also exposes users to a rising wave of cyber threats. Attacks such as phishing, malware, identity theft, ransomware, and social engineering scams have become increasingly common. Alarmingly, a significant portion of the population still lacks basic cybersecurity knowledge, making them vulnerable targets.

To combat this growing menace, the Indian government has implemented several initiatives to build cyber resilience. CERT-In (Indian Computer Emergency Response Team) is actively monitoring threats and responding to incidents. The introduction of the Digital Personal Data Protection Act, along with efforts from institutions like the National Cyber Coordination Centre (NCCC), reflects India's commitment to strengthening cybersecurity infrastructure. Campaigns like Cyber Jagrukta Diwas are helping spread awareness among students, professionals, and citizens alike. Educational institutions are also beginning to incorporate cybersecurity basics into their curriculum, fostering a generation that is more cyber-aware and responsible.

Moreover, India's cybersecurity market is on the rise, projected to reach over \$3.5 billion by 2027. This growth is not only opening up lucrative career opportunities in fields such as ethical hacking, cybersecurity law, incident response, threat intelligence, and AI-based security but also fuelling a surge in cybersecurity startups. These startups are developing indigenous solutions that are cost-effective and tailored to local needs, ranging from antivirus tools to end-to-end encryption apps and identity protection services.

Student Article

As the country continues its journey toward a digitally empowered society, ensuring cybersecurity becomes not just a technical necessity but a societal priority. Future policies must emphasize digital literacy, data protection, and robust legal frameworks. Equally important is empowering citizens with the knowledge to recognize and resist online threats. By investing in awareness, technology, and skilled manpower, India can build a secure digital ecosystem that supports innovation, safeguards privacy, and protects national interest. The rise of cybersecurity in India is both a challenge and an opportunity—one that must be seized with vision and responsibility.

Author,
Akhilesh Badrinath
TE-CE

EDITORIAL BOARD

Prof. Sujata Kamble

Editorial Board:

- **Dr. Aparna Bannore [HoD]**
- **Prof. Rasika Malgi**
- **Students Member: Avnish K.**

Editorial board is glad to release the current issue of our Department Newsletter December 2024. We appreciate the efforts taken by the editorial board in compiling useful information & activities by department. The contribution and dedication of faculty members, students is continuously helping the newsletter in stepwise manner for achieving new milestone.

Newsletter divulge that the department is trying hard to achieve various dimensions such as academic, co-curricular and extra co-curricular activities.