NEWS-LETTER

First 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

DEPARTMENT NEWSLETTER

SIES Graduate School of Technology
RISE WITH EDUCATION

COMPUTER ENGINEERING DEPARTMENT SIES

GRADUATE SCHOOL OF TECHNOLOGY, NERUL

VOLUME 8 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.

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Program Educational Objectives (PEOs)

- Practice Computer engineering in core and muti-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 Computer engineering problems.

- To develop interdisciplinary skills and acquint 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 Shaikh	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. Prachi Shahane	B.E(CSE),M.E (CE)	Assitant Professor	
5	Mrs. Suvarna Chaure	B.E(CSE),M.E (CE), Ph.D*	Assitant Professor	Security
6	Mr. Sunil K Punjabi	B.E, M.E (CE)	Assitant Professor	Software Engineering
7	Ms. Ujwala Ravle	B.E, M.E (CE), Ph.D*	Assitant Professor	Network Security, Machine Learning
8	Ms. Masooda Modak	B.E, M.E (CE), Ph.D*	Assitant Professor	
9	Ms. Anindita Khade	B.E, M.Tech (CE), PhD	Assitant Professor	

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
10	Ms. Kalyani Pampattiwar	B.E. (CSE), M.E (CE), Ph.D*	Assitant Professor	Security, Data Mining
11	Ms. Namrata Patel	B.E., M.E (CE), Ph.D*	Assitant Professor	Web Mining
12	Ms. Kranti Bade	B.E.(IT), M.E(CSE)	Assitant Professor	Data Mining
13	Ms. Aarthi Boyanapalli	B.E, M.E (CSE), Ph.D*	Assitant Professor	Computer Network
14	Ms. Urvashi Patkar	B.E, M.E (CSE)	Assitant Professor	Cyber Security And Block Chain
15	Mr. Swapnil Wani	B.E, M.Tech(CSE)	Assitant Professor	Network Security
16	Ms. Jyoti Chavhan	B.E, M.Tech	Assitant Professor	Network Security
17	Ms.Rasika Malgi	B.E, M.Tech (CSE), Ph.D*	Assitant Professor	Blockchain And Machine Learning
18	Ms.Sujata Kamble	B.E, M.E (CE), Ph.D*	Assitant Professor	Machine Learning
19	Ms.Jyoti Baviskar	B.E (IT), M.E (CE)	Assitant Professor	Cloud Computing and Security
20	Ms. Archana Arundkar	B.E, M.E	Assitant Professor	Data Mining

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SIES Graduate School of Technology
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NON TEACHING STAFF

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

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CLASS STRENGTH

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

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FACULTY ACHIEVEMENTS

BOOK CHAPTERS/PATENT/OTHERS

1. Dr. Aparna Bannore published Paper tilted Ensuring accountability in digital forensics with proxy re-encryption based chain of custody published in International Journal of Information Technology (Singapore)

2. Dr. Aparna Bannore paper titled Proxy signature-based role delegation scheme: formal analysis and simulation published in International Journal of Information Technology (Singapore)

3. Dr. Rizwana Siddiqui published Unveiling Alzheimer's: Early Detection Through Deep Neural Networks, February 2024

4. Dr. Varsha Patil presented paper titled " Non invasive estimation of Haemoglobin Level Using Conjuntiva Image" in 2nd International Conference.

5. Dr. Varsha Patil published paper titled "Coordination of modular nano grid energy management using multi-agent AI architecture" published in Elsevier, Computers and Electrical Engineering , Online ISSN: 1879-0755 Print ISSN: 0045-7906

6. Ms. Prachi Shahane published paper Unveiling the Power of Graph Neural Network for Intelligent Analysis of Objects

7. Ms. Prachi Shahane published paper titled Co-vision; Automated video context understanding and classification using AI

8. Ms. Suvarna Chaure published paper titled Automated Assessment of , IC4S 2024FACULTY ACHIEVEMENTS

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BOOK CHAPTERS/PATENT/OTHERS

9. Ms. Suvarna Chaure has patent on evidence box with biometric retina scan - published on 28/06/2024

10. Dr. Anindita Khade published paper titled Design of an Auto Evaluation Model for Subjective Answers Using Natural Language Processing and Machine Learning Techniques,ICAISE, March 24

11. Dr. Anindita Khade published paper titled Creating an Integrated Browser Plug-in for Detecting and Blocking Obscene Image/Text Content ,ICNWC May 2024

12. Dr. Anindita Khade has Patent Granted on " A Kit for Chronic Kidney Disease: by Governmnet of India May 2024

13. Mr. Sunil K.Punjabi presented paper titled "The Effect of Artificial Intelligence on Data Security Systems" In EAI IC4S 2024

14. Ms. Ujwala Ravale publisher paper on Unveiling Alzheimer's: Early Detection Through Deep Neural Networks, February 2024

15. Dr. Kalyani Pampattiwar published paper on Intelligent Medical Assistance: Generic Medications Recommender Sytem, ICDAI 2024, June 2024

16. Ms. Namrata Jiten Patel published a paper on A Survey: Agricultural Suppty Chain Management and Land Registration Using Blockchain

17. Ms. Namrata Jiten Patel published a paper Video Processing based Assistant for lnteruiewee

FACULTY ACHIEVEMENTS

PAPERS PUBLICATIONS

1. 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

2. 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.

3. Prof. Ujwala Ravale Presented paper titled "Adaptive Trust Based Secure Routing Protocol for Wireless" in the 5th International Conference on Computational Intelligence (ICCI 2024).

4. Prof. Ujwala Ravale Presented paper titled "Enhancing Privacy in Digital Forensics through Cryptographic Techniques" in the International Conference on Emerging Trends in Industry 4.0 Technologies (ICETI4T), 2025

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

8. 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.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

STUDENT DEVELOPMENT PROGRAM (SDP)

Value Added Courses

1. **Web & Mobile App Development:** The Department of Computer Engineering organized a Value added course on "Web & Mobile App Development '' for the Second year and third year engineering students, for duration 2 January 2024-6 January 2024. The course was delivered by faculty members of the computer engineering department.

2. Devops: The Department of Computer Engineering organized a Value added course on "Devops" for the Second year and third year engineering students, in January 2024.

3. **Skillfull success: A roadmap to excelling in tech and communication for placements:** The Department of Computer Engineering organized a Value added course on "Skillfull success: A roadmap to excelling in tech and communication for placements" for the Second year and third year engineering students, in January 2024.

FDP Attended by Faculty

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Prof. Aparna Bannore attended STTP on AI for Youth on June, 2024.

1. Dr. Rizwana Shaikh, Dr. Varsha Patil, Ms. Prachi Shahane, Dr. Kalyani Pampattiwar, Ms. Namrata Jiten Patel, Ms. Kranti Bade, Ms. Rasika Malgi, Ms. Jyoti Baviskar, Ms. Sujata Kamble attended STTP on AI for Youth on June, 2024.

2. Ms. Ujwala Ravale attended STTP on Emerging Trends in Data Engineering

3. Mr. Swapnil Wani attended Five day FDP on teaching excellence

4. Ms. Archana Arudkar attended FDP on " Generative AI and Prompt Engineering"

5. Ms. Jyoti Baviskar, Ms. Sujata Kamble attended STTP on "Emerging trends in Data Engineering"

STUDENT ACHIEVEMENTS

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Sr.No	Name othe stude nt	Name of the achievement	SE/TE/BE
1	Rohan Wandre	Among Top 10 S.P.I.T hackathon	TE
2	Purva Ambre	Runner-up position in intercolleg badminton tournament conducted by Mumbai University.	TE
3	Madhav Naykar	3rd Place in English Elocution Competition in Youth Festival by MU in Mumbai Zone	BE
5	Tanvi Hirlekar	First Rank in Solo Event classical Instrument in the 56th Inter Collegiate Youth Festival 2023-24 Zona	SE

INTERNSHIP & PLACEMENTS

PLACEMENTS

Computer department placement is consistently good. Students are placed in various esteemed companies. Their selection is through

In this **academic year 2023-2024**, 80 students are placed in companies like **Connect-wise, nvent, jio platforms, zeus learning, link-group, newgen technologies, LTI, TCS, Capgemini, Tech Mahindra, Wipro, Code array, GEP, Xoriant, Hexaware, Perkin Elmar, Neosoft, Quinnox, Ideaforge, infosys, etc.**

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INTERNSHIP & PLACEMENTS

PLACEMENTS

Total Students	Eligible	Placed	Higher Studies
132	109	80	23

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STUDENT TOPPERS
S.E. – FIRST HALF 2024 (Semester IV)

Overall Toppers

Sr. No.	Roll No.	Name of Student	Total Marks	SGPI
1	122A1095	SURVE SNEHAL SANTOSH SANIKA	697	10
2	122A1113	TIRTHESH SANTOSH TANDEL MALINI	691	9.88
3	122A1116	PRADHAN VAISHNAVI SACHIN REENA	688	9.75

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S.E. – FIRST HALF 2024 (Semester IV)

Subject Topper

EM IV

Sr. No.	Roll No.	Name of Student	Marks
1	122A1113	TIRTHESH SANTOSH TANDEL MALINI	99
2	122A1080	SANJANA RAJENDRA YADAV SWATI	98
3	122A1123	VINITA NARAYANAN UMA	98
4	223A1132	MULLA FATIMA IMTIYAZ	98

AOA

Sr. No.	Roll No.	Name of Student	Marks
1	122A1095	SURVE SNEHAL SANTOSH SANIKA	96
2	122A1116	PRADHAN VAISHNAVI SACHIN REENA	95
3	122A1067	CHAVAN OMKAR BALKRISHNA KARUNA	95
4	122A1017	MOHIT ANURAG GURUNATH GAYATRI	95

DBMS

Sr. No.	Roll No.	Name of Student	Marks
1	122A1095	SURVE SNEHAL SANTOSH SANIKA	93
2	223A1132	MULLA FATIMA IMTIYAZ	92
3	122A1037	HARIRAJAN MANIVANNAN VAIRAMUTHU	92

OS

Sr. No.	Roll No.	Name of Student	Marks
1	122A1095	SURVE SNEHAL SANTOSH SANIKA	94
2	122A1067	CHAVAN OMKAR BALKRISHNA KARUNA	94
3	122A1116	PRADHAN VAISHNAVI SACHIN REENA	93

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MP

Sr. No.	Roll No.	Name of Student	Marks
1	122A1043	K PRIYANKA JOTHI	85
2	122A1036	GOKUL SRINIVASAN MAHALAKSHMI	85
3	122A1095	SURVE SNEHAL SANTOSH SANIKA	83

T.E. – FIRST HALF 2024 (Semester VI)

Overall Toppers

Topper List

Sr. No.	Roll No.	Name of Student	Marks	SGPI
1	121A1066	NAIR PUNYA LAJITHA	677	9.87
2	121A1001	AAHANA SUNIL BOBADE PRIYANKA	652	9.87

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T.E. – FIRST HALF 2024 (Semester VI)

Subject Topper

SPCC	Sr. No.	Roll No.	Name of Student	Marks
	1	121A1066	NAIR PUNYA LAJITHA	89
	2	222A1127	ADITI PATIL	85
	3	121A1068	NANDE SANIYA RAJESH KALPANA	85
CSS	1	121A1066	NAIR PUNYA LAJITHA	87
	2	121A1068	NANDE SANIYA RAJESH KALPANA	87
	3	121A1071	SALUNKHE OMKAR ANIL MANGAL	86
MC	1	121A1064	NADAR SRIJA SUYAMBU PAPPA	86
	2	121A1068	NANDE SANIYA RAJESH KALPANA	84
AI	1	121A1066	NAIR PUNYA LAJITHA	88
	2	121A1005	ALISHA FATIMA NIKHAT FATHIMA	88
	3	121A1077	PILLAI ANURADHA MURTHY PREMA	88
	4	121A1049	MAGDUM SONALI SANDEEP PRIYA	88
	5	222A1134	SAMRUDDHI VIJAYKUMAR UBALE	87
QA	1	121A1092	SALUNKHE SAKSHI SADASHIV SUREKHA	91
	2	121A1108	Sonawane Avishka Sanjay	90
IOT	1	121A1051	MANASI MARUTI VANAVE MANISHA	80

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B.E. – FIRST HALF 2024 (Semester VIII)

Overall Toppers

Sr. No.	Roll No.	Name of Student	Marks	SGPI
1	120A1079	Patil Yash Dattaprasad Reena	605	9.86
2	120A1119	Valluvar Annalaxmi Anandraj Meena	597	9.86
3	120A1012	Chaudhari Vishakha Bhaskar Minakshi	591	9.86

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B.E. – FIRST HALF 2024 (Semester VIII)

Subject Topper

DC	Sr. No.	Roll No.	Name of Student	Marks
	1	120A1119	Valluvar Annalaxmi Anandraj Meena	89
	2	120A1086	Reddy Hitesh	88
	3	120A1075	Patil Hitesh	88
ADS	1	120A1079	Patil Yash Dattaprasad Reena	93
	2	120A1019	Ganeshan P A Nainar Pechiammal	87
DF	1	120A1094	Badkul Samyak Manoj Sarita	92
	2	120A1090	S Ramprakash Kalki	90
SMA	1	120A1094	Badkul Samyak Manoj Sarita	92
	2	120A1090	S Ramprakash Kalki	88
EVM	1	120A1012	Chaudhari Vishakha Bhaskar Minakshi	83
	2	120A1072	Pandian Subhashree Appavu Shanmugasundari	85
PM	1	120A1105	Shradha Sahu Banita	90
FM	1	120A1073	Patil Aditya Subhash Savita	84
	2	120A1005	B Janarthanan Chitra	82

SIES
Graduate School of Technology
RISE WITH EDUCATION

ARTICLE
Student Article
Moving towards a Cyber Secured India
Editor:Akhilesh :SE CE

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. 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.

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.

EDITORIAL BOARD

*Editorial Board:*Prof. Sujata Kamble

Dr. Aparna Bannore [HoD]

- **Prof. Rasika Malgi and Prof. Anindita A Khade**

- **Students Member: Mst. Ganeshraman Pillai**

Editorial board is glad to release the current issue of our Department Newsletter June 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.