



PAN-No. : AAATG6551G
GST-No. : 29AAATG6551G1ZL

GSSS

GEETHA SHISHU
SHIKSHANA SANGHA (R)

INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to Visvesvaraya Technological University, Belagavi. Approved by AICTE New Delhi & Govt. of Karnataka)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWS LETTER 2023-2024(EVEN SEMESTER)

ABOUT THE DEPARTMENT:

The Department of Computer Science & Engineering is a synergistic product of many proactive minds. A team of highly qualified and dedicated Teaching and Technical Staff unanimously harness the potential in all aspects to take the department to greater heights. All laboratories are well equipped with state-of-the-art technology facilities. B.E. in Computer Science and Engineering was started in 2003 with an intake of 60 and later increased to 120 in take in 2012.

M. Tech in CSE was started in the year 2013, with an intake of 18. The department is also a recognized Research Centre for Ph.D. in CSE since 2016. Currently thirteen research scholars are pursuing Ph.D. in the Research Centre of CSE Department in various domains like Image Processing, Distributed Computing, Wireless Communication Networks and Network Security, BigData and Internet of Things. Three research scholars have completed Ph D during the years 2022 and 2023.

The average teaching experience of Faculty members of CSE department is 09 Years. Two Professors with doctorate degree in CSE guide the faculty at the lower level to take the department to greater heights. 12 Faculty members are pursuing Ph.D. in CSE at VTU, Belagavi. B.E., M. Tech & Ph.D. Programmes are affiliated to Visvesvaraya Technological University, Belagavi, approved by AICTE, New Delhi and Govt. of Karnataka. The department is accredited by NBA, New Delhi from July 2017 - June 2023.

The department has acquired Rs 30 Lakhs funds from Vision Group on Science and Technology (VGST), Government of Karnataka for establishment of "Innovative Smart Systems and IoT Laboratory" during the period 2016-2019 and a grant of Rs 5 Lakhs from VGST for the Project "Underwater Robotic Fish for Surveillance and Pollution Monitoring" under the Scheme RGS-F during the year 2018-2019.

Memorandums of Understanding (MoUs) have been formally signed between GSSS Institute of Engineering and Technology for Women, Mysuru with leading industries like Infosys, TequedLabs, DalvikApps, Drona Aviation Pvt. Ltd, AllInnov R & D Pvt. Ltd. and Kaarunadu Technologies Bengaluru.

VISION:

Knowledge dissemination with development of future leaders in Information Technology having a research blend.

MISSION:

M1: To equip students with continuous learning process to acquire Hardware, Software and Computing knowledge to face new challenges.

M2: To inculcate the core Computer Science and Engineering components with discipline among the students by providing the state-of-the-art learner centric environment.

M3: To impart essential knowledge through quality and value based education to mould the, leadership roles by possessing good

M4: To provide a platform to collaborate with successful people from entrepreneurial and research domains to learn and accomplish.

PLACEMENT DETAILS 2023-2024

Number of Students Placed : 93 out of 132

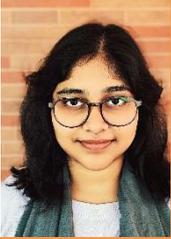
Highest Salary Package : 29.1 Lakhs

Average Salary : 8.49 LPA

Batch: 2023 – 2024

SL NO	Student Name	USN	Name of the Company Placed	CTC	Photo
1.	MEGHANA K S	4GW20CS053	Pure Storage	29.1 Lakhs	
2.	RUCHITHA	4GW20CS082	Amazon (AWS)	26 Lakhs	
3.	NIKHITA A N	4GW20CS059	HPE R&D	17.5 Lakhs	
4.	NIRUPAMA M JOSEPH	4GW20CS063	HPE R&D	17.5 Lakhs	
5.	DEEKSHA V SHANKAR	4GW20CS023	ANZ	12.5 LPA	

6.	DIVYA M B	4GW20CS029	ANZ	12.5 LPA	
7.	S SUDI KSHA	4GW20CS083	ANZ	12.5 LPA	
8.	SINCHANA R	4GW20CS095	ANZ	12.5 LPA	
9.	TEJASWINI G	4GW20CS109	Dell Technologies	12.3 LPA	
10.	SUPREETHA E M	4GW20CS103	Applied Materials	10.4 LPA	
11.	ANAGHA P RAO	4GW20CS006	Mercedes-Benz	10 LPA	
12.	NITHYASHREE M	4GW20CS066	Mercedes-Benz	10 LPA	

13.	PRANATHI C S	4GW20CS070	Mercedes-Benz	10 LPA	
14.	VARSHA S CHAVAN	4GW20CS117	Mercedes-Benz	10 LPA	
15.	NIVEDITHA S	4GW20CS067	Ecolab	9.8 LPA	
16.	KRUTHIKA M N	4GW20CS045	Dell Technologies	9.78 LPA	
17.	SHREYA BOPAIAH	4GW20CS092	Dell Technologies	9.76 LPA	
18.	KEERTHANA A	4GW20CS040	FISERV	9.65 LPA	
19.	PRIYAANCA J	4GW20CS074	FISERV	9.65 LPA	
20.	BHAVAANI K	4GW20CS010	Honeywell	9 LPA	

21.	CHAITHANYA G R	4GW20CS017	Honeywell	30K/M, 9 LPA	
22.	GUNASHREE S	4GW20CS033	Honeywell	30K/M, 9 LPA	
23.	HAFSA M M	4GW20CS034	Honeywell	9 LPA	
24.	NIREEKSHA G S	4GW20CS061	Honeywell	30K/M, 9 LPA	
25.	SAMREEN KAUSER	4GW20CS085	Honeywell	9 LPA	
26.	SHREYA U NAIDU	4GW20CS093	Honeywell	30K/M, 9 LPA	
27.	SONIKA B S	4GW20CS099	Honeywell	30K/M, 9 LPA	
28.	SUKANYA V N	4GW20CS102	Honeywell	9 LPA	
29.	DEEPIKA B N	4GW20CS025	State Street Corporation	30K/M, 8.6 LPA	

30.	NAVYA V SANNU	4GW20CS058	State Street Corporation	30K/M, 8.6 LPA	
31.	NIKITHA PRASAD	4GW20CS060	State Street Corporation	30K/M, 8.6 LPA	
32.	PRERANA P	4GW20CS073	State Street Corporation	30K/M, 8.6 LPA	
33.	Y G SUNIDHI	4GW20CS119	State Street Corporation	30K/M, 8.6 LPA	
34.	DIVYA UMESH DESHNUR	4GW20CS030	Publicis Sapient	8.47 LPA	
35.	INCHARA BUDANUR M	4GW20CS038	Publicis Sapient	8.47 LPA	
36.	MEGHANA C P	4GW20CS052	Publicis Sapient	8.47 LPA	
37.	SURABHI D	4GW20CS104	Publicis Sapient	8.47 LPA	

38.	AMULYA M B	4GW20CS005	APTIV	8.5 LPA	
39.	HARSHITHA N	4GW20CS037	APTIV	8.5 LPA	
40.	VANDANA	4GW20CS116	APTIV	8.5 LPA	
41.	LAKSHMI A	4GW20CS047	Standard Chartered GBS	8.25 LPA	
42.	SANJANA O S	4GW20CS087	Standard Chartered GBS	8.25 LPA	
43.	SANJANA S	4GW20CS088	Standard Chartered GBS	8.25 LPA	
44.	CHANDANA B A	4GW20CS019	Boeing	8 LPA	
45.	GUNAMADHU N	4GW20CS032	Boeing	8 LPA	

46.	HARSHITHA K H	4GW20CS036	Boeing	8 LPA	
47.	NIRMITHA A R	4GW20CS062	Boeing	8 LPA	
48.	NISARGA M H	4GW20CS065	Boeing	8 LPA	
49.	PUNEETHA M DESHMUK	4GW20CS078	Boeing	8 LPA	
50.	SOWBHAGYALAKSHMI N	4GW20CS101	Boeing	8 LPA	
51.	ROHINI C N	4GW20CS080	Ericsson	7.9 LPA	
52.	SNEHA D	4GW20CS096	Ericsson	7.9 LPA	
53.	BHOOMIKA M J	4GW20CS014	Dover India	7.5 LPA	
54.	CHAITHRA H P	4GW20CS018	Dover India	7.5 LPA	

55.	DEVAMSHI N	4GW20CS027	Dover India	7.5 LPA	
56.	KHUSHI S	4GW20CS042	Volvo	7.5 LPA	
57.	KRUTHI J	4GW20CS044	Volvo	7.5 LPA	
58.	SWATHI S	4GW20CS107	Volvo	7.5 LPA	
59.	UPASANA CHANDRASHEKAR	4GW20CS112	Volvo	7.5 LPA	
60.	VIBHA V S	4GW20CS118	Volvo	7.5 LPA	
61.	BINDYA ANTONY	4GW20CS016	TCS	7 LPA	
62.	BHOOMIKA K P	4GW20CS013	Nagravision	5.5 LPA	
63.	JANMITHA S A	4GW20CS039	Nagravision	5.5 LPA	

64.	SONA V	4GW20CS098	Nagravision	5.5 LPA	
65.	VAISHNAVI KASHYAP	4GW20CS115	Nagravision	5.5 LPA	
66.	SAHANA C J	4GW21CS411	Nagravision	5.5 LPA	
67.	BHOOMICA ACHAI AH P	4GW20CS012	Mindsprint	5.2 LPA	
68.	DEEKSHITHA R	4GW20CS024	Mindsprint	5.2 LPA	
69.	PRATHIKSHA A J	4GW20CS071	Mindsprint	5.2 LPA	
70.	RIFATH MOHAMMADI	4GW20CS079	Mindsprint	5.2 LPA	
71.	SHOBHARANI	4GW20CS090	Mindsprint	5.2 LPA	

72.	LIKHITHA RAM K J	4GW20CS048	Persistent Systems	5.01 LPA	
73.	GOUTHAMI D R	4GW20CS031	Bosch (BGSW)	5 LPA	
74.	BHAVANA N M	4GW20CS011	TATA Technologies	5 LPA	
75.	APSARA VINAYAK NAIK	4GW20CS008	Trianz Digital	4.25 LPA	
76.	MAHIMA R	4GW20CS050	Trianz Digital	4.25 LPA	
77.	SYEDA RABAB FATIMA	4GW20CS108	Trianz Digital	4.25 LPA	
78.	A R GARGI VAIDURYA	4GW20CS001	Capgemini	4.25 LPA	
79.	AASHREETHA L	4GW20CS002	Capgemini	4.25 LPA	

80.	ANITHA N	4GW20CS007	Capgemini	4.25 LPA	
81.	KEERTHI PRADA S	4GW20CS041	Capgemini	4.25 LPA	
82.	NISARGA M	4GW20CS064	Capgemini	4.25 LPA	
83.	SUSHMA K K	4GW20CS105	Capgemini	4.25 LPA	
84.	AISHWARYA Y M	4GW20CS003	L&T Technology Services	4 LPA	
85.	AKSHATHA G S	4GW20CS004	L&T Technology Services	4 LPA	
86.	CHARISHMA C	4GW20CS020	L&T Technology Services	4 LPA	
87.	SANGEETHA C R	4GW20CS086	L&T Technology Services	4 LPA	

88.	SHREYA V N	4GW20CS094	L&T Technology Services	4 LPA	
89.	SNEHA KUMARI	4GW20CS097	L&T Technology Services	4 LPA	
90.	MUSKAAN FATHIMA	4GW20CS056	Skarray Technologies	4.5 to 6 LPA	
91.	MADHUSHREE S	4GW20CS049	CGI	3.9 LPA	
92.	DEEPTHI N	4GW20CS026	Accenture	3.5 LPA	
93.	MEGHANA M	4GW20CS054	Glow Touch	2.6 LPA	

DEPARTMENTAL ACHEIVERS- BE (Even Semester -2023-24)

Semester VII

FIRST TOPPER	SECOND TOPPER		THIRD TOPPER
			
KEERTHANA A 4GW20CS040 94.00%	SHREYABOPAI 4GW20CS092 93.60%	SOUNDARYA R 4GW20CS100 93.60%	ANAGHA P RAO 4GW20CS006 93.40%

Semester V

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
MANJULA C 4GW21CS054 94.00%	TANUSHREE S 4GW21CS116 93.25%	CHANDANA N S 4GW21CS024 93.00%

Semester III

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
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HARSHITHA M 4GW22CS042 93.56%	KHUSHI 4GW22CS051 91.60%	INCHARA K SHEKHARA 4GW22CS046 90.78%

MoUs

Drona Aviation Private Limited, Thane, Maharashtra:

A Memorandum of Understanding (MoU) between GSSS Institute of Engineering and Technology for Women, Mysuru and Drona Aviation Private Limited, Thane, Maharashtra was signed on 27.07.2022 at GSSSIETW, Mysuru with a focus on preparing students for Internship programmes, organizing workshops and other skill development programmes for the benefit of the students of Computer Science and Engineering.

Karunadu Technologies Private Limited, Bengaluru:

A Memorandum of Understanding (MoU) between GSSS Institute of Engineering and Technology for Women, Mysuru and Karunadu Technologies Private Limited, Bengaluru was signed on 04.12.2021 at GSSSIETW, Mysuru with a focus on preparing students for Hackathon competitions, internship programmes, organizing workshops and other skill development programmes for the benefit of the students of Computer Science and Engineering.

Dalvik Apps, Mumbai:

MoU was established in April 2017 between Dalvik Apps and GSSSIETW for organizing specialized workshop/ Training in Mobile Application Development.

Allinnov Research & Development Pvt. Ltd., Mysuru:

MoU was established with Allinnov Research & Development Pvt. Ltd., Mysuru on 14th March 2018 to collaborate and develop innovated patented products of industry with the help of Industry's representatives and research team along with students and faculties of institution.

Tequed Labs, Bengaluru:

MoU was established with Tequed Labs, Bengaluru on 10th August 2019 to create a Centre of Excellence in IoT, to host Student Competitions and Hackathons on IoT and to train GSSSIETW students for national, international level competitions and Hackathons.

PROFESSIONAL ACTIVITIES UNDER TECHNICAL FORUM – ARCS

The Department has a student association called ARCS (Association of Rising Computer science Students) which was formed in the year 2011.

Objectives of ARCS:

- To promote team building activities that is required for working effectively in small diverse groups.
- To plan and organize activities like Technical/Personality Development Workshops, Seminars, Industry Visits, etc.
- To provide a platform for students to interact with eminent Academicians, Industry and Research Professionals.

ARChiS, the Newsletter of the Department is released in every year to show case the activities of the department.

3 Day Bootcamp on “Mastering Django and AJAX for Interactive Applications” from 3rd to 5th July 2024



Three Day FDP on "Full Stack Development" from 23rd to 25th April 2024



"Idea Competition: Igniting Innovation with IoT" on 24th Feb 2024



Two-Day Hands-on workshop on "Cyber Security and Pen Testing" 27th & 28th Nov 2024



The workshop aimed to provide participants with in-depth knowledge and practical experience in various aspects of cyber security. He also gave relatable real-life examples about how people have been affected by hacking and other cybercrimes.

Three Day Hands on Industrial Training Program on "CyberSec Bootcamp and CyberGuard" on 3rd to 5th Dec 2024



Various topics relating to cybercrime, cyberlaws, hacking, spamming, android hacking, social media its advantages & disadvantages were discussed.

3-Day Hands on Industrial Training Program on “Blockchain Essentials: From Wallets to Smart Contracts” on 3rd to 5th Dec 2024



This workshop addressed the various components and working principle of smart contract. The speakers explained on how blockchain can store, share and verify records of all transactions or digital events among participants placed at distributed location.

Industrial visit



Industrial Visit to Kyndryl, Bengaluru on 22nd July 2024



Industrial Visit to Infosys Mysuru for students of 3rd semester, Department of Computer Science & Engineering on 24th January 2024



Industrial Visit to Dell STEM Aspire for students of CSE,ISE and CSE(AI & ML) on 7th Feb 2024

STUDENTS ACHIEVEMENTS

Students Participation in Various Events 2023-2024

Sl. No.	Name of the Event	Count
1	Student Project Competition/ Hackathon	9
2	Student Development Programme (Tech Talks / Guest Lecture /Workshops)	276
3	Internship	135
4	MOOC Courses	95

In-House Project Students Achievements-2022-23

STATE LEVEL

47th Series of Student Project Programme: 2023-24
KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Sl. No.	Student Name	Guide	Project Title	Status
1	Ms. BHAVAANI K. Ms.AASHREETHAL. Ms.BHUVANESHWARIP. N. Ms.GUNAMADHU N.	Mrs. ASHA RANI M	EDUWHIZ-AN IOT BASED CHAT BOT	APPROVED FOR SPONSORSHIP of 5000/-
2	Ms. AKSHATHA G. S. Ms.BINDYAANTONY Ms. CHARISHMA C. Ms.DEEPIKAB.N.	Dr.RAVIRAJP.	DRONOBOT REPORTER USING ETHERNET-LESS HAM RADIO SSTV	APPROVED FOR SPONSORSHIP of 5000/-

FACULTY ACHIEVEMENTS

Faculties Participation in Various Events 2023-2024

SI.NO	NameoftheEvent	Count
1	NationalConference	3
2	ScopusIndexedJournals	9
3	FacultyDevelopmentProgramme	15
4	Webinars/seminar	1
5	Workshop	5
6	ResourcePerson forvariousEvents	0
7	SessionChairs	1
8	Paper reviewcommittee	2
9	Thesis Evaluated	4

VTU RECOGNIZED RESEARCH CENTRE

Details of Research Scholars 2023-2024

Research Centre Activities:

The department of CSE is doing utmost efforts to enhance the efficiency and effectiveness of research activities at GSSSIETW. We strive to achieve our goal of leadership in quality research that is focused and directed towards excellence in the areas of expertise of our faculty and researchers. We hope to create the support, guidance and conducive environment that will enhance quality research outputs and will support GSSSIETW leadership role in the local as well as the international community.

We count on our faculty, researchers and students to play the major role in achieving our common goal of excellence in research. We also invite all the stakeholders to provide us with their suggestions and feedback for the improvement of the research initiatives. The Research Centre of CSE department is offering admission

to Ph.D. programme once in a year. Details of the research centre activities are posted in the website and periodically updated.

Research Centre Accomplishment:

VTU, Belagavi granted approval to the Research Centre of CSE Department during the academic 2016-2017. Presently three Research Supervisors, recognized by VTU are guiding 11 research scholars in Part Time in the Research Centre. The details of Research Scholars pursuing Research in the CSE Department are:

No. of Research Guides - 03

No. of Research Scholars awarded Ph.D. - 11

No. of Research Scholars Pursuing Ph.D. – 11 (6-External Scholars, 5-Internal Scholars)

No. of Publications by Research Scholars - 40

Funds Allocated: 2.5 Lakhs

Research Scholars Pursuing Ph.D

Sl. No.	Name of the Research Guide	Name of the Research Students/ USN	Name of the Research Topic	Status	Year of Registration
1	Dr. P Raviraj Professor & Head Dept. of CSE	Mrs. Usha Rani J 4GW20PCS07	Re-Modeling of Human Detection with Video Surveillance using Machine Learning	Course Work Completed	2021
2		Mrs. Aishwarya Rajeev 4GW20PCS01	A Novel Approach to Digital Forensics using Machine Learning	Comprehensive Viva completed	2021
3		Miss. Evangeline R C 4GW22PCS01	An AI Cognitive System for Autonomous Vehicles using Deep Learning for Pedestrian Prediction Navigation and Lane Adjustment Behaviour	Provisionally Registered	2022
4		Ms. Jeevitha H M 4GW23PCS02	Leveraging Generative AI and Large Language Models for Medication Drug Recognition in Humans	Provisionally Registered	2024
5	Dr. Roopashree H R Professor & Head Dept. of AI&DS	Mrs. Asha Rani M 4GW20PCS02	An Energy efficient & Secured routing protocol using optimization & Trust value for n mjwireless Sensor Networks	Open Seminar-I completed	2021
6		Mr.Kiran M P 4GW20PCS04	Analytical Framework for Precision Agriculture using Machine Learning in IoT	Comprehensive Viva Completed	2021

7		Ms. Pooja S S 4GW22PCS02	Design and Development of AIML Algorithms to empower IOT in Future Six Generation Age	Provisionally Registered	2022
8		Mrs. Mamatha N 4GW23PCS04	Designing a framework for Information Mining and Language understanding in Multimodal Conversation.	Provisionally Registered	2024
9		Mrs.Saritha N 4GW23PCS05	Radiological Image Analysis Towards diagnosis of Progressive Neurodegenerative Disorder.	Provisionally Registered	2024
10	Dr. Rajashekar M B Associate Processor, Dept. of CSE	Mrs. Leena Shruthi H M 4GW23PCS03	Early Detection of Melanoma: An AIML Approach on 3D images and depth search technique	Provisionally Registered	2024
11		Mrs. Geetha A L 4GW23PCS01	GEN AI in Drug safety surveillance	Provisionally Registered	2024

Research Scholars Awarded Ph.D

No. of Research Scholars awarded Ph.D. - 11

Sl No.	Name of the Research Guide	Name of the Research Students/ USN	Name of the Research Topic	Status	Year of Regist ration
1	Dr. P Raviraj Professor & Head Dept. of CSE	Mr. Vishwesh J 4GW19PCS01	Noise Removal and Fusion-Based Feature Extraction Approach for the Detection of EEG Motor Imagery using Deep Learning Algorithms	Ph.D Awarded during Dec 2023	2019
2		Mrs. ImpanaAppaji 4GW19PCS02	Data Analytics and Computational Intelligence for Smart Traffic Management System using VANET framework	Completed	2019
3		Mrs. Neethi M V 4GW18PCS05	Mango Crop Yield Estimation using Machine Vision Techniques	Completed	2018

4	Dr. Roopashree H R Professor & Head Dept. of AI&DS	Mrs. Chhaya S Dule 4GW15PEJ05	Security Paradigms for Efficient Privacy Preservation on Cloud Infrastructure	Ph.D Awarded during Jan 2024	2015
5		Mr. Mahendra G 4GW18PCS03	Data Mining Framework for Futuristic Transportation System Using Big Data	Ph.D Awarded during Feb 2024	2018
6		Ms.Divya K S 4GW18PCS04	A Multiparty Optimistic Non- Repudiation Protocol with Nototrization	Ph.D Awarded during Jun 2024	2018
7		Mr. Venkatesh Prasad S 4GW17PEA10	Secure trust based Data Aggregation using game theory Techniques for improving network life time in WSN	Ph.D Awarded during October 2024	2017
8	Dr. S Meenakshi Sundaram Former Professor	Mrs. Tejaswini R Murgod 4GW17PES04	An approach for Cross Layer Design and Route Optimization Techniques in Under Water Optical Wireless Communication Networks	Ph.D Awarded during March 2022	2017
9		Mrs. Manjula K 4GW17PES05	Certain investigations to handle dynamic transformations in nodes for load balancing using game theory approach	Ph.D Awarded during May 2022	2017
10		Mr. Rajashekar M B 4GW17PEA01	Building a Trust Model to preserve privacy of Mobile Users	Ph.D Awarded during Feb 2023	2017
11		Mr. Manjunatha Swamy C 4GW18PCS02	Big Data Analytic approach to Web information extraction using Bio inspired Algorithms	Ph.D Awarded during Oct 2023	2018

EditorialTeam

Dr. Raviraj P, Professor and Head, Department of CSE

Ms. Darshini M S, Assistant Professor, Department of CSE