



# NEWSLETTER ODD SEMESTER 2019

Geetha Shishu Shikshana Sangha®  
GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN  
Affiliated to Visvesvaraya Technological University, Belgavi, Karnataka  
Approved by AICTE, New Delhi  
K R S Road, Metagalli, Mysuru – 16



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Accredited by NBA, New Delhi (Validity: 01.07.2017 - 30.06.2020)

# ARChiS

### 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 ten 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, Big Data and Internet of Things.

The average teaching experience of Faculty members of CSE department is 09 Years. Three Professors with doctorate degree in CSE guide the faculty at the lower level to take the department to greater heights. 09 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 for a period of three years from July 2017- June 2020.

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.

Memorandum of Understanding (MoUs) have been formally signed between GSSS Institute of Engineering and Technology for Women, Mysuru with leading industries like IBM, Infosys, Wipro, EMC2, Nihon Communication Systems, DalvikApps, AllInnov and iQuest.

### 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 them as a complete Computer Science Engineer with ethical values, leadership roles by possessing good communication skills and ability to work effectively as a team member.

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

## CONTACT US

Website: <http://www.geethashishu.in>

Ph:0821-2457305

E-mail : [hodcse@gsss.edu.in](mailto:hodcse@gsss.edu.in)

Ph: 9019377655

## PLACEMENTS 2019-2020

Sl. No.	Student Name	USN	Name of the Company Placed	CTC	Photo
1.	<b>B BINDU MADHAVI</b>	<b>4GW16CS014</b>	<b>Juniper Networks</b>	<b>11.06 LPA</b>	
2.	<b>KAVYA M</b>	<b>4GW16CS044</b>	<b>Juniper Networks</b>	<b>11.06 LPA</b>	
3.	<b>KAVYASHREE M P</b>	<b>4GW16CS047</b>	<b>Juniper Networks</b>	<b>11.06 LPA</b>	
4.	<b>AMULYA B ALUR</b>	<b>4GW16CS007</b>	<b>PHILIPS</b>	<b>8.5 LPA</b>	

5.	<b>RACHANA J</b>	<b>4GW16CS084</b>	<b>Accenture</b>	<b>6.5 LPA</b>	
6.	<b>POOJA H</b>	<b>4GW16CS074</b>	<b>GlobalLogic</b>	<b>4.8 LPA</b>	
7.	<b>AISHWARYA M</b>	<b>4GW16CS004</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
8.	<b>BINDUSHREE H S</b>	<b>4GW16CS018</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
9.	<b>CHAITHRA M J</b>	<b>4GW16CS021</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
10.	<b>DRUTHI RAGHURAM SHANBHOG</b>	<b>4GW16CS033</b>	<b>Accenture</b>	<b>4.5 LPA</b>	

<b>11.</b>	<b>GAGANASHRE E KN</b>	<b>4GW16CS034</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>12.</b>	<b>INCHARA.T.H</b>	<b>4GW16CS041</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>13.</b>	<b>LASYA PRIYA K.S</b>	<b>4GW16CS053</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>14.</b>	<b>NIREEKSHA BILIMALE</b>	<b>4GW16CS068</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>15.</b>	<b>R SHIVALI</b>	<b>4GW16CS083</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>16.</b>	<b>RASHMI B. R</b>	<b>4GW16CS090</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>17.</b>	<b>SINCHANA K S</b>	<b>4GW16CS102</b>	<b>Accenture</b>	<b>4.5 LPA</b>	

18.	SINDHU T R	4GW16CS104	Accenture	4.5 LPA	
19.	A VISHMA SOMAIAH	4GW16CS001	Accenture	4.5 LPA	
20.	AISHWARYA C J	4GW16CS002	Accenture	4.5 LPA	
21.	AKANSHA SRIVASTAVA	4GW16CS005	Accenture	4.5 LPA	
22.	AMULYA B ALUR	4GW16CS007	Accenture	4.5 LPA	
23.	ANGANA DAWN	4GW16CS008	Accenture	4.5 LPA	
24.	BHAVANA S	4GW16CS015	Accenture	4.5 LPA	

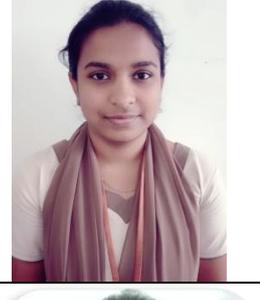
25.	BHAVANA S	4GW16CS016	Accenture	4.5 LPA	
26.	CHAITHRA M	4GW16CS020	Accenture	4.5 LPA	
27.	HARSHITHA G RAJ	4GW16CS040	Accenture	4.5 LPA	
28.	PRERANA K URS	4GW16CS081	Accenture	4.5 LPA	
29.	SURABHI G	4GW16CS110	Accenture	4.5 LPA	
30.	B BINDU MADHAVI	4GW16CS014	Accenture	4.5 LPA	
31.	DAMINI NIRANJAN	4GW16CS029	Accenture	4.5 LPA	

<b>32.</b>	<b>KAVYA M</b>	<b>4GW16CS044</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>33.</b>	<b>KAVYASHREE M P</b>	<b>4GW16CS047</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>34.</b>	<b>KEERTHANA B</b>	<b>4GW16CS049</b>	<b>Accenture</b>	<b>4.5 LPA</b>	
<b>35.</b>	<b>JAYASHREE R</b>	<b>4GW16CS042</b>	<b>IBM</b>	<b>4.5 LPA</b>	
<b>36.</b>	<b>NAYALA HAFSA</b>	<b>4GW16CS062</b>	<b>IBM</b>	<b>4.5 LPA</b>	
<b>37.</b>	<b>NIKHITHA G N</b>	<b>4GW16CS067</b>	<b>IBM</b>	<b>4.5 LPA</b>	

<b>38.</b>	<b>VAISHNAVI.V</b>	<b>4GW16CS115</b>	<b>IBM</b>	<b>4.5 LPA</b>	
<b>39.</b>	<b>YASHASWINI.S</b>	<b>4GW16CS120</b>	<b>IBM</b>	<b>4.5 LPA</b>	
<b>40.</b>	<b>NISARGA D B</b>	<b>4GW17CS408</b>	<b>IBM</b>	<b>4.5 LPA</b>	
<b>41.</b>	<b>ARPITHA MP</b>	<b>4GW16CS011</b>	<b>Cognizant</b>	<b>4LPA</b>	
<b>42.</b>	<b>ANGANA DAWN</b>	<b>4GW16CS008</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	
<b>43.</b>	<b>BHAVANA S</b>	<b>4GW16CS016</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	
<b>44.</b>	<b>NISARGA H S</b>	<b>4GW16CS069</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	

45.	<b>NITHYA P</b>	<b>4GW16CS072</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	
46.	<b>REKHA SEERVI</b>	<b>4GW16CS091</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	
47.	<b>SHARANMEGH A K V</b>	<b>4GW16CS098</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	
48.	<b>VIDYASHREE C V</b>	<b>4GW16CS117</b>	<b>L&amp;T Technology Services</b>	<b>4 LPA</b>	
49.	<b>RANJITHA M</b>	<b>4GW16CS089</b>	<b>Capgemini</b>	<b>3.8 LPA</b>	
50.	<b>SINDHU D</b>	<b>4GW16CS103</b>	<b>Capgemini</b>	<b>3.8 LPA</b>	

51.	ANUSHA R	4GW16CS121	Capgemini	3.8 LPA	
52.	KEERTHANA B	4GW16CS049	E & Y	3.61 LPA	
53.	SOUJANYA	4GW16CS105	E & Y	3.61 LPA	
54.	A VISHMA SOMAIAH	4GW16CS001	E & Y	3.61 LPA	
55.	AKANSHA SRIVASTAVA	4GW16CS005	E & Y	3.61 LPA	
56.	SHRIJA H S	4GW16CS101	E & Y	3.61 LPA	
57.	POORNIMA M	4GW16CS075	Trainz	3.6 LPA	

<b>58.</b>	<b>PRAKRUTHI S</b>	<b>4GW16CS078</b>	<b>Trainz</b>	<b>3.6 LPA</b>	
<b>59.</b>	<b>ASHMITHA H A</b>	<b>4GW16CS013</b>	<b>Trainz</b>	<b>3.6 LPA</b>	
<b>60.</b>	<b>NAYANA S</b>	<b>4GW16CS063</b>	<b>Trainz</b>	<b>3.6 LPA</b>	
<b>61.</b>	<b>RACHANA K PRASAD</b>	<b>4GW16CS085</b>	<b>Trainz</b>	<b>3.6 LPA</b>	
<b>62.</b>	<b>ANUSHA T</b>	<b>4GW16CS010</b>	<b>Infosys</b>	<b>3.6 LPA</b>	
<b>63.</b>	<b>ASHMITHA H A</b>	<b>4GW16CS013</b>	<b>Infosys</b>	<b>3.6 LPA</b>	

64.	<b>PRARTHAN K M</b>	<b>4GW16CS079</b>	<b>Infosys</b>	<b>3.6 LPA</b>	
65.	<b>AISHWARYA C J</b>	<b>4GW16CS002</b>	<b>TCS</b>	<b>3.5 LPA</b>	
66.	<b>AMULYA B ALUR</b>	<b>4GW16CS007</b>	<b>TCS</b>	<b>3.5 LPA</b>	
67.	<b>BHAVANA S</b>	<b>4GW16CS015</b>	<b>TCS</b>	<b>3.5 LPA</b>	
68.	<b>CHAITHRA M</b>	<b>4GW16CS020</b>	<b>TCS</b>	<b>3.5 LPA</b>	
69.	<b>DAMINI NIRANJAN</b>	<b>4GW16CS029</b>	<b>TCS</b>	<b>3.5 LPA</b>	

70.	<b>HARSHITHA G RAJ</b>	<b>4GW16CS040</b>	<b>TCS</b>	<b>3.5 LPA</b>	
71.	<b>M S CHINMAYEE ARADHYA</b>	<b>4GW16CS056</b>	<b>TCS</b>	<b>3.5 LPA</b>	
72.	<b>PRERANA K URS</b>	<b>4GW16CS081</b>	<b>TCS</b>	<b>3.5 LPA</b>	
73.	<b>SURABHI G</b>	<b>4GW16CS110</b>	<b>TCS</b>	<b>3.5 LPA</b>	
74.	<b>B BINDU MADHAVI</b>	<b>4GW16CS014</b>	<b>TCS</b>	<b>3.5 LPA</b>	
75.	<b>KAVYA M</b>	<b>4GW16CS044</b>	<b>TCS</b>	<b>3.5 LPA</b>	
76.	<b>KAVYASHREE M P</b>	<b>4GW16CS047</b>	<b>TCS</b>	<b>3.5 LPA</b>	

77.	<b>CHANDRAKAL A</b>	<b>4GW16CS027</b>	<b>ALTRAN</b>	<b>3.5 LPA</b>	
78.	<b>KUMARI BINDHU.N</b>	<b>4GW16CS052</b>	<b>ALTRAN</b>	<b>3.5 LPA</b>	
79.	<b>PAVANA T L</b>	<b>4GW16CS073</b>	<b>ALTRAN</b>	<b>3.5 LPA</b>	
80.	<b>SAFA ANAM</b>	<b>4GW16CS094</b>	<b>Techjini</b>	<b>3.25 LPA</b>	
81.	<b>KEERTHANA B</b>	<b>4GW16CS049</b>	<b>SAP Labs</b>	<b>3 LPA</b>	
82.	<b>SOUJANYA</b>	<b>4GW16CS105</b>	<b>SAP Labs</b>	<b>3 LPA</b>	
83.	<b>DAMINI NIRANJAN</b>	<b>4GW16CS029</b>	<b>SAP Labs</b>	<b>3 LPA</b>	

84.	<b>ANAGHA G RAO</b>	<b>4GW15CS005</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	
85.	<b>RAJESHWARI. A</b>	<b>4GW15CS082</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	
86.	<b>MODITHA N</b>	<b>4GW15CS127</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	
87.	<b>ANUSHA T</b>	<b>4GW16CS010</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	
88.	<b>NEETHI K T</b>	<b>4GW16CS065</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	
89.	<b>PRARTHAN K M</b>	<b>4GW16CS079</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	
90.	<b>RAKSENI THANGAM ATS</b>	<b>4GW16CS086</b>	<b>[24]7.ai</b>	<b>2.7 LPA</b>	

91.	SWETHA S	4GW16CS113	[24]7.ai	2.7 LPA	
-----	----------	------------	----------	---------	--

**Internship offers for M.Tech Students:**

Sl. No	USN	Student Name	Company
01	4GW18SCS01	DIVYASHREE M	INTRELLA TECHNOLOGIES, Mysuru
02	4GW18SCS02	RAKSHITHA B H	INTRELLA Technologies, Mysuru

**DEPARTMENTAL ACHEIVERS- BE (Even Semester -2019)**

**Semester VIII**

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
<b>DIVYA CHATTY</b> 4GW15CS021 92.43%	<b>APARNA S BANDEKAR</b> 4GW15CS011 89.71%	<b>NISHA K M</b> 4GW15CS064 89.29%

**Semester VI**

FIRST TOPPER	SECOND TOPPER	SECOND TOPPER
		
<b>AMULYA B ALUR</b> 4GW16CS007 86.75%	<b>BHAVANA S</b> 4GW16CS016 83.25%	<b>CHAITHRA M</b> 4GW16CS020 81.88%

**Semester IV**

FIRST TOPPER	SECOND TOPPER	SECOND TOPPER
		
<b>AMULYA GIRISH</b> <b>4GW17CS004</b> 86%	<b>ANANYA GIRISH</b> <b>4GW17CS005</b> 85.29%	<b>PREKSHA M</b> <b>4GW17CS064</b> 84.35%

**DEPARTMENTAL ACHEIVERS- M. Tech (Even Semester -2019)**

**Semester IV**

FIRST TOPPER	SECOND TOPPER	THIRD TOPPER
		
<b>Akhila C V</b> <b>4GW17SCS02</b>	<b>Maria Rufina</b> <b>4GW17SCS03</b>	<b>Roopa T N</b> <b>4GW17SCS03</b>

**Semester II**

FIRST TOPPER	SECOND TOPPER
	
<b>Divyashree B N</b> <b>4GW18SCS01</b>	<b>Rakshitha H</b> <b>4GW18SCS02</b>

## DEPARTMENTAL ACHIEVEMENTS

### Letter of Engagement (LOE) with Wipro Bangalore:

Wipro supports Projects and Internships for the institution along with Technical Support like Seminars, Workshops and Conference.

### EMC Academic Alliance program:

EMC provides regular industry update, presentation and online video from industries highly experienced experts by sharing their experience on different IT platforms, EMC academic alliance weekly newsletter and WEBINAR Series.

### Infosys Campus Connect :

MOU of Campus connect program between Infosys Ltd and GSSSIETW was renewed on 27<sup>th</sup> April 2015 for a period of two years. Faculties have been trained in the Deep Dive Faculty Enablement Foundation Program 4.0.

### IBM-GSSSIETW:

The Center has trained staff and students of the department in IBM tools like DB2, RAD, RFT, LOTUS, TIVOLI, RCT and Bluemix. Students are certified in the above tools.

### Dalvik Apps, Mumbai:

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

### Social Outreach Programme:

Every year since 2010, in collaboration with Govt. of Karnataka, the department conducts “Students Internet World” (“Vidhyarthigala Antharjaala Prapancha” ) , a programme to create Internet Awareness among the rural and Government school children, in and around Mysore.

## Innovative Smart System and IoT Laboratory

### RFID Based Lab Attendance Log System





### Other Real-time Projects:



A motivational Talk by in house Project Students



Talk on Ethical Hacking



Real Time IoT Projects



Real Time IoT Projects



Real Time IoT Projects



Hands on Session



Real Time IoT Projects

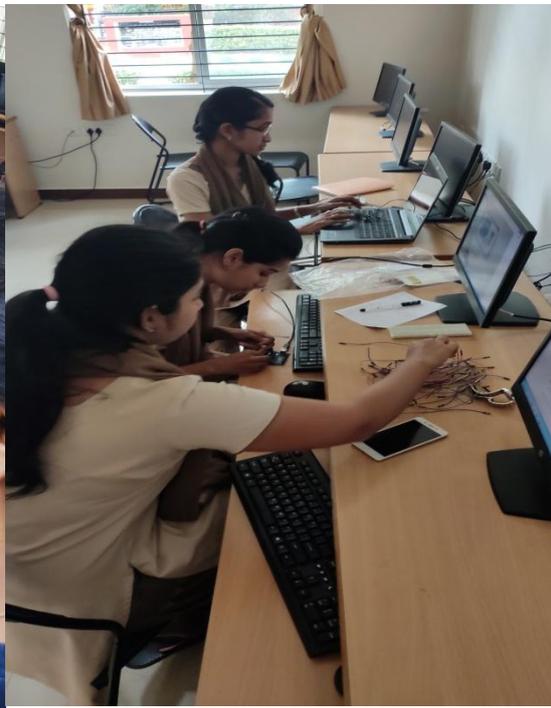
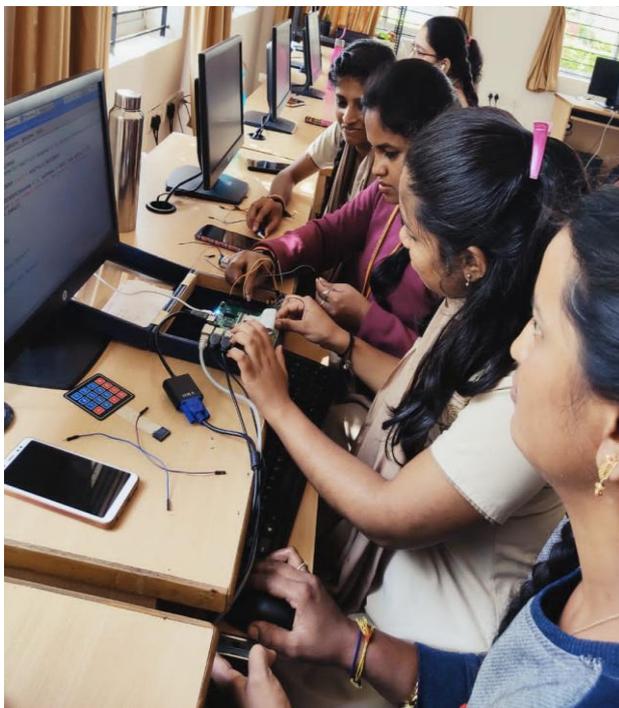


### Students Project - 2020:

Sl. No.	Team Members	Branch	Project Titles	Major Components Using	Project Application
1	Damini Niranjan, Kavya M, Neethi K T,	CSE	Nadi Nidan using IoT and Machine Learning	Raspberry Pi module Arduino Pulse rate	Disease diagnosis using concepts of Tridosha and Panchamahabhutas

	Prarthan K M			sensor Piezoelectric sensor	based on Ayurveda
2	Nisarga H S, Nithya P, Rekha Seervi	CSE	IoT based smart system to monitor the psychological stress and indoor environmental parameters using succulent plants	Raspberry Pi, MQ135	Analyzing and monitoring environmental factors affecting employees, students working in In-door Environments
3	Aishwarya C J, Bhavana S, Anusha R, Chaitra M,	CSE	Design and Development of a Sensor based Jacket for Women's Safety using IoT	Capacitance Switch Sensor Force Sensor ESP8266 Raspberry pi camera module DC motor	For Women Safety and Security
4	A Vishma Somaiah, Grantha Bojappa J, Kavyashree M P, Keerthana B	CSE	Automatic Fish Feeding and Water Quality Management System using IoT	Raspberry pi Temperature, Humidity, pH sensors	Specifically useful in fish farms and aquarium to monitor water quality and feeding system.
5	Rachana J, Sharanmegh, Rachana K, Vismaya M	CSE	An IoT Based Smart Indoor Vertical Farming	raspberry pi soil moisture sensor light sensor ultra sonic sensor accessible wifi module	Urban Indoor Cultivation , Indoor Botanical Garden
6	Dheeksha Raj, Rashmi M, Tejashwini MS, Lakshmi H R	CSE	Digital payment based on vending machine for dispensing stationary items	Raspberry Pi, stepper motor	Instead of going for stationary we can buy an item in department
7	Pavana T L, Shrija H S, Sinchana K S, Sindhu D	CSE	Design and development of Voice based assistant system for institute	Raspberry Pi, Speakers, Microphone	Based on the data and training, the voice assistant can be Implemented in any institution, company, hospitals, tourist place.
8	Surabhi, Safa Anam, Soujanya,	CSE	Design and development of Smart Library System using Mobile Application	Android Studio	Decentralized Mobile app based Library Management System
9	Rakshitha	M.Tech in CSE	Smart home automation using ZigBee Motes	ZigBee, Arduino and Sensors	Research Application
10	Divya	M.Tech in CSE	Object Recognition using Tensor Flow	Python, Tensor Flow	Research Application

# Students Working on Projects



**Projects -2019**

<b>Sl. No.</b>	<b>USN</b>	<b>Project Guide</b>	<b>Project Title</b>	<b>Components Using in IoT Lab</b>	<b>Achievements</b>
01	4GW15CS015 4GW15CS018 4GW15CS059 4GW15CS064	Dr. S Meenakshi Sundaram	Design and Development of Intelligent Phishing Detection and Prevention System	Computers	VTU FOSS Competition Awardees  One Conference Publication
02	4GW15CS017 4GW15CS047 4GW15CS053 4GW15CS063	Dr. P. Raviraj	An IoT Based Secure Smart Office	Raspberry pi, PIR sensor, camera module, servo motor.	Selected for BITES - Xcelerator Project Award  One Conference Publication
03	4GW15CS007 4GW15CS029 4GW15CS038 4GW15CS046	Gururaj K S	Cluster computing using raspberry pi	Raspberry pi	One Conference Publication
04	4GW15CS011 4GW15CS021 4GW15CS045	Dr. Manjuprasad B	Cloud based IoT-system to analyze and monitor vehicular emissions	ETS model with Raspberry Pi, MQ7 sensor, MQ135 sensor, connecting devices, Arduino	Finalist in Xcelerator Project Award  Received Best Paper Award at 14 <sup>th</sup> National Conferences at SJBIT, Bangalore  One UGC Journal Publication
05	4GW15CS009 4GW15CS013 4GW15CS036 4GW15CS055	Ravi Kumar V G	Smart agriculture system to detect flames using IoT and DIP	Flame sensor, smoke sensor, ETS Kit, connecting devices, web cam	One Conference Publication
<b>M.Tech in CSE</b>					
06	4GW17SCS02	Khateeja A	“Predicting the Energy Star Score Using Machine Learning Technique”		

07	4GW18SCS01	Dr. Manjuprasad B	Agricultural Application	ETS Sense Node and Sensors
08	4GW18SCS02		Forest Fire Monitoring	LoRa and Sensors

<b>Utilization of the “Innovative Smart System and IoT Laboratory” -2019</b>			
<b>Sl. No</b>	<b>Department</b>	<b>Number of Students</b>	<b>Purpose</b>
1	CSE	35	<ul style="list-style-type: none"> <li>• 05 In-house Projects</li> <li>• IoT Hackathon</li> <li>• MSME Innovative Idea Presentation Competition</li> <li>• Innovative Curtain Raiser for Geethayaana 2019</li> <li>• Smart Zone Real-time Application</li> </ul>
2	ECE	08	Industry Project Assistance
3	EIE	04	Automatic Juice Vending Machine during College Technical Fest
4	TCE	02	GBOT – The RoBo Procession during College Technical Fest
5	MBA	02	IoT based Business Idea Presentation
6	M.Tech in CSE	03	<ul style="list-style-type: none"> <li>• 2 Mini Projects</li> <li>• 1 Main Project</li> </ul>

#### **Events Organized:**

<b>Sl. No.</b>	<b>Date</b>	<b>Details of Activities Conducted</b>	<b>No. of Students/ Faculty benefited</b>
1	20 <sup>th</sup> & 21 <sup>st</sup> August 2018	FDP on “Industrial Applications of IoT”	40 Faculty Members
2	29 <sup>th</sup> & 30 <sup>th</sup> March 2019	Building Internet of Things Applications using Raspberry Pi & Arduino”	137 Students of final year 126 Students of Second year
3	10 <sup>th</sup> to 12 <sup>th</sup> July, 2019	SDP on Insight to IoT using Arduino and Node MCU	45 students attended the SDP during the vacation



SDP on Insight to IoT using Arduino and Node MCU, Delivered by Dr. Manjuprasad B, and Ms. Nagalakshmi TS, 10<sup>th</sup> to 12<sup>th</sup> July, 2019

#### 4<sup>th</sup> National Level Technical Competitions “TECHNO SPECTRUM-2019” held on 16<sup>th</sup> October 2019

The Department of Computer Science & Engineering organized the 4<sup>th</sup> National Level Technical Competitions “**TECHNO SPECTRUM-2019**” on **16<sup>th</sup> October 2019** in association with CSI Mysore chapter. This National Level Technical Competitions “*Techno Spectrum - 2019*” provides a platform that aims to inspire the young brains to think innovatively, present their original work, share and exchange ideas with their counter parts from all over India with professionals and academicians

The Technical competitions included events like **Google Hunt, Project Innovation Idea, Web Design, Predict the Output, Blind Coding, Technical Quiz** and **Pictionary**.

Chief Guest **Mr. Ravindra Patil**, *Sr. Scientist, Healthcare Solutions, Research India, Philips Innovation Campus, Bengaluru*, Guest of Honour **Mr. Supreeth Y S**, *Co Founder and CEO, Tequed Labs, Bengaluru*, **Smt. Vanaja B Pandit**, *Hon. Secretary, GSSS(R)*, **Dr. Shivakumar M**, *Principal, GSSSIETW, Mysuru*, and **Dr. S Meenakshi Sundaram**, *Professor & Head, Department of Computer Science & Engineering, GSSSIETW, Mysuru* were present for the inauguration.

The participation in technical fests like symposia, guest lectures by industry experts, industrial visits, presentation in conferences will certainly build the confidentiality of individuals and also enriches technical knowledge and skills indirectly and will be ready to face the challenges of the industry.



With participants (Seated from Left to Right): **Dr. S Meenakshi Sundaram**, *Professor & Head, Department of Computer Science & Engineering, GSSSIETW, Mysuru*, Chief Guest **Mr. Ravindra Patil**, *Sr. Scientist, Healthcare Solutions, Research India, Philips Innovation Campus, Bengaluru*, Guest of Honour **Mr. Supreeth Y S**, *Co Founder and CEO, Tequed Labs, Bengaluru*, **Smt. Vanaja B Pandit**, *Hon. Secretary, GSSS(R)*, **Dr. Shivakumar**

The Guest of Honour **Mr. Supreeth Y S** in his speech highlighted “Innovation is the key to success”. Also he motivated the students to learn to be creative, think out of the box and participate in technical competitions like Hackathons and take up a real challenge in turning out ones idea to an innovative product.

Also he enlightened his speech by adding the fact that exploring and familiarizing in advanced areas in Information Technology will certainly add value and students can be successful by solving real time problems in the industry.

**Smt. Vanaja B Pandit**, *Hon. Secretary, GSSS(R)* in her address shared her best wishes to all the participants to participate in the various events organized and to win prizes. **Dr. Shivakumar M**, Principal in his speech appreciated the students for their keen interest shown towards Techno Spectrum 2019. Also he reminded the students of technical skills that are required to be successful in placements. Participating in such Symposia creates an opportunity to know their level of technical skills in par with students of other institutions.

**Dr. S Meenakshi Sundaram**, Professor & Head, Department of Computer Science & Engineering spoke about the genesis of Techno Spectrum and introduced to the audience about the various technical events being organized for the benefit of the students. Techno Spectrum 2019 attracted 122 external participants across the State and 200 internal participants for the 7 major technical events.

## COMPUTER SOCIETY OF INDIA

The following activities were conducted under CSI Banner:

### Three Day Workshop ON “Android Application Development” from 22<sup>nd</sup> to 24<sup>th</sup> August 2019



*From Left:* With students **Mr. Vishwesh J**, Assistant Professor & CSI Student Branch Coordinator, Dept. of CSE, GSSSIETW, Mysuru, **Mr. Amit Thool**, Managing Director, DalvikApps, Mumbai, **Mrs. Asharani M**, Assistant Professor and Workshop Coordinator, Dept. of CSE, GSSSIETW, Mysuru, **Mr. Gaurav Singh**, Founder & CEO, WeCan Educational Organization, Mumbai, **Dr. S. Meenakshi Sundaram**, Professor & Head, Dept. of CSE, GSSSIETW, Mysuru, **Mr. Lijo Varghese**, Technical Associate, DalvikApps, Mumbai



*Students in hands-on session*



*Students team receiving certificate*

### **Three Day Workshop on “Industry oriented problem solving and application building using data structures” from 17<sup>th</sup> to 19<sup>th</sup> September 2019**



Students with HOD, Workshop Organizers, CSI Student Branch Coordinator and Resource Persons



*Students in hands-on session*



*Student receiving certificate*

## **One Day Workshop on "Cyber Security, Cyber Attacks and Financial Frauds" held on 21<sup>st</sup> August 2019**

The Department of Computer Science & Engineering organized a one Day Workshop on "Cyber Security, Cyber Attacks and Financial Frauds" in association with Information Systems and Security Association - ISSA STUDENT Chapter of GSSS Institute of Engineering and Technology for Women, Mysuru. This programme was held for the benefit of the current generation who are internet savvy.

The aim in organizing such a workshop was to create awareness of Cyber Security, Cyber Attacks and Financial Frauds that prevail in the society and the ways and means for overcoming such cyber security issues. The students of 5<sup>th</sup> Semester students of ECE, CSE, ISE, EEE, TCE and IT attended the workshop organized on 21<sup>st</sup> August 2019. The resource person for the workshop was Mr. Purnendu Singh, Director of Strategy & Operations, Cyber Peace Foundation, New Delhi.



*From Left: Ms. Shyleshwari M Shetty Asst professor Department of CSE, ISSA Co-ordinator **Dr. S Meenakshi Sundaram**, Professor & Head, Department of Computer Science & Engineering, GSSSIETW, Mysuru, Resource person **Mr. Purnendu Singh**, Director strategy & Operations with cyber peace foundation, New Delhi., **Er. Aruna Devi** Chairperson, CSI mysore Chapter Director for student Affairs, ISSA Mysore Chapter, **Dr. Reshma Banu**, Professor & Head, Department of Information Science & Engineering, GSSSIETW, Mrs Aysha Taranum Asst Professor Department of ISE, Mr Rajashekar M B Asst professor Department of CSE, ISSA Co-ordinator.*

### **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 showcase the activities of the department.

## One day SDP on“Real Time C Programming Applications” conducted on 2/12/2019



Resource Person explaining the C concepts Pointers and structures.



Students in hands-on session.



Dr. S. Meenakshi Sundaram Professor & Head, Dept. of CSE, GSSSIETW presenting memento to Resource person Sumal Raj along with workshop coordinators.



Dr. S. Meenakshi Sundaram Professor & Head, Dept. of CSE, GSSSIETW presenting memento to Resource person Ramya along with workshop coordinators.

### Technical Talk: "Recent Trends and Developments in Software Testing Methodologies"



Technical talk by Mrs. Supriya N J, Software Technologist, Philips, Bengaluru along with VII semester students

## Technical Seminar on “Bridging the Gap between Academia and Industry” held on 17<sup>th</sup> August 2019

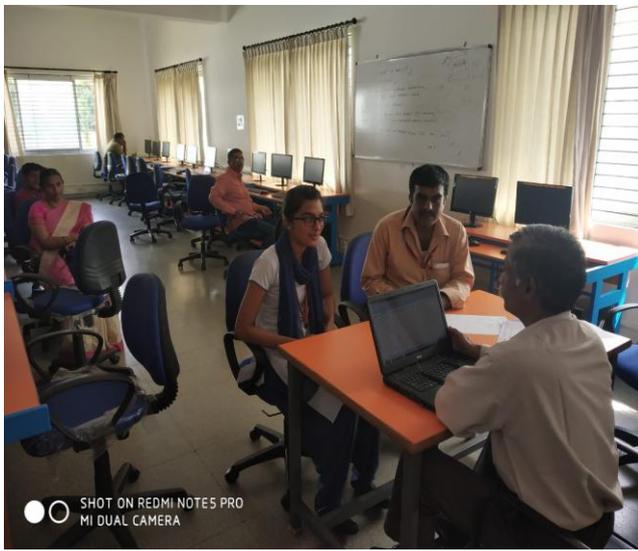


*Seated from Left to Right*, Mr. Mahadeva Prasad S, Head- Training & Placement, GSSSIETW, Mysuru, Resource Person, Mr. Ravi Kiran, Business, SAP, Bengaluru and **Dr. S Meenakshi Sundaram**, Professor & Head, Department of CSE, GSSSIETW, Mysuru

### Parents -Teacher Meeting



**Dr. S. Meenakshi Sundaram**, Prof & Head, Department of Computer Science & Engineering, Class Coordinator of 3<sup>rd</sup> Sem Dr.Roopashree HR and Subject handling Faculty Mrs.Tejaswini R M for the same class interacting with the parents.



The Department of Computer Science & Engineering, GSSSIETW, Mysuru organized the Parent Teachers Meeting for the current Semesters on 9<sup>th</sup> November 2019.

The Parents of 3<sup>rd</sup> and 5<sup>th</sup> Semesters students attended the meeting in the department. The HOD interacted with the parents of the students along with the class coordinators, counselors related to the performance of the students in the First Internal, Second Internal and Semester results Jun/Jul 2019 and attendance status.

Also the student's strength and weakness were identified and discussed with suggestions for the students to improve their performance in all areas. The HOD informed the parents about the initiatives taken by the department for overall development of the technical skills among students such as Best practices sessions, Industrial visits, Workshops and Technical events conducted in the department. The parents were informed to encourage the students to actively participate in such events without fail to enhance their technical skills.

The parents were given an insight about the NBA activities like PO, PEOs, Mission and Vision of the department and the suggestions for improvement if any was discussed in the meeting.

The parents rendered their valuable feedback and suggestions and were very happy about the facilities provided to the wards in the department. The parents expected such meetings in the future to know about the performance of their ward.

**Industrial Visit to “L&T Technology Services, Mysuru”  
on 28<sup>th</sup> November 2019**



*Students in the session*



*Speech by Ms. Shoba Arun*



*From Left: With students Mr. Rajashekar M B, Asst. Professor, Dept. of CSE, GSSSIETW, Mysuru, Mr. Vinay Vasanth, Manager, L&T Ltd., Mysuru, Mr. Vishwesh J, Asst. Professor & CSI forum coordinator, Dept. of CSE, GSSSIETW, Mysuru, Ms. M Shoba Arun, Head C-TEA, L&T Ltd., Mysuru, Mrs. Shruthi B M, Asst. Professor, Dept. of CSE, GSSSIETW, Mysuru and Mrs. Asha Rani M, Asst. Professor, Dept. of CSE, GSSSIETW, Mysuru*

## **Industrial Visit to KAYNES Technology, Mysuru**



*Industrial visit to Kaynes Technology, Mysuru by students of 3<sup>rd</sup> semester, Department of Computer Science & Engineering on 08<sup>th</sup> November 2019.*

## Industrial Visit to SAP Labs Private Limited, Bengaluru

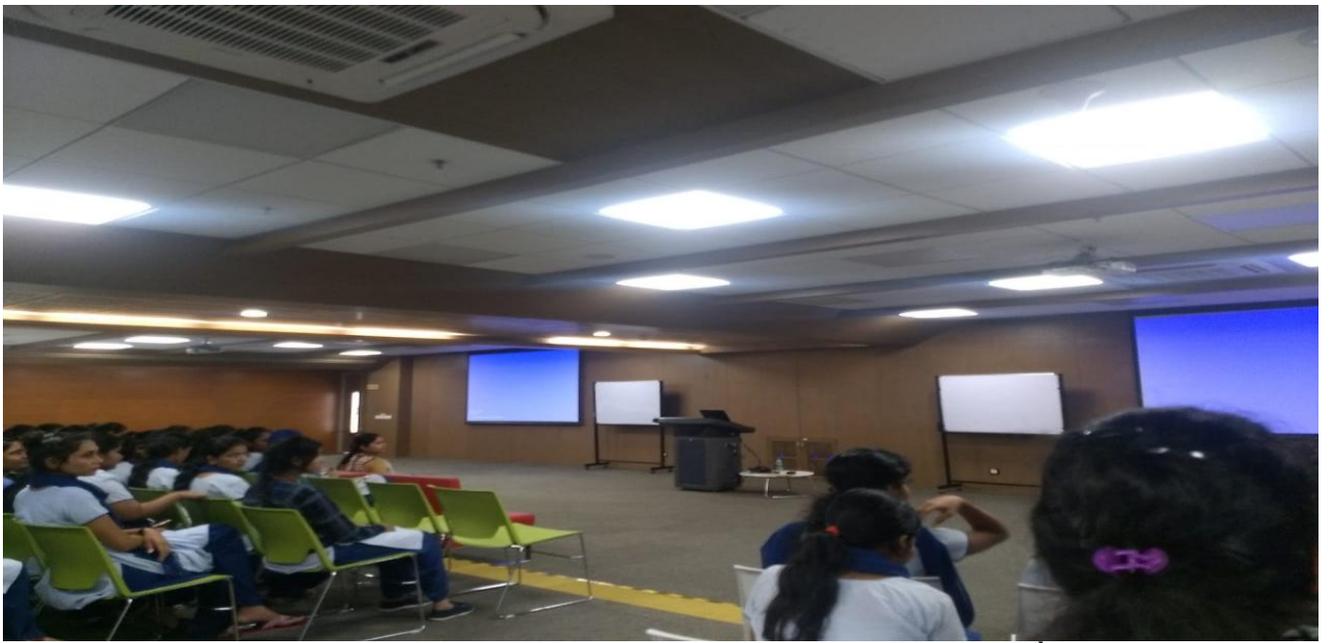


*Industrial visit to Industrial Visit to SAP Labs Private Limited, Bengaluru, by students of 7<sup>th</sup> semester, Department of Computer Science & Engineering on 06<sup>th</sup> November 2019.*

## Industrial Visit to TCS, Whitefield, Bengaluru 08<sup>th</sup> November -2019



**Industrial visit to TCS, Whitefield, Bengaluru by students of 5<sup>th</sup> semester, Department of Computer Science & Engineering on 08<sup>nd</sup> November, 2019**



**Seminar hall set ready in TCS- Bengaluru for addressing the students of 5<sup>th</sup> semester, Department of Computer Science & Engineering**

EDITORIAL TEAM

**Dr. S. Meenakshi Sundaram**, Professor & HOD, Department of CSE

**Khateerja Ambareen**, Assistant Professor, Department of CSE



