



# NEWSLETTER EVEN 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

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

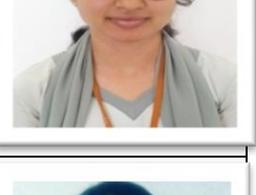
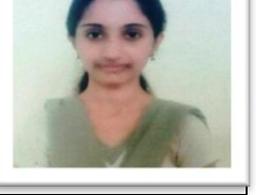
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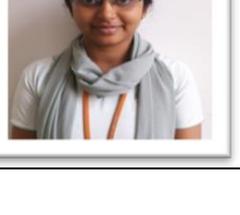
## PLACEMENTS 2018-19

Sl. No.	Student Name	USN	Name of the Company Placed	CTC	Photo
1.	APARNA S BANDEKAR	4GW15CS011	VMWare	10.73 LPA	
2.	CHANDANA R GOWDA	4GW15CS015	INFORMATICA	6.95 PLA	
3.	NEHAL BOPAIAH	4GW15CS059	SCIENTIFIC GAMES	5.67 LPA	
4.	MRUDULA R	4GW15CS052	UNISYS	5.3 LPA	
5.	ANU K S	4GW15CS007	UNISYS	5.3 LPA	
6.	SAHANA A	4GW15CS089	UNISYS	5.3 LPA	

7.	<b>APARNA S BANDEKAR</b>	<b>4GW15CS0 11</b>	<b>SIEMENS</b>	<b>5 LPA</b>	
8.	<b>N RANJANA NIKAM</b>	<b>4GW15CS0 53</b>	<b>AMAZON</b>	<b>4.8 LPA</b>	
9.	<b>SANJANA N</b>	<b>4GW15CS0 95</b>	<b>AMAZON</b>	<b>4.8 LPA</b>	
10.	<b>N RANJANA NIKAM</b>	<b>4GW15CS0 53</b>	<b>IBM</b>	<b>4.1 LPA</b>	
11.	<b>BADAGOWNI SWAPNA</b>	<b>4GW15CS0 13</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
12.	<b>BHUMIKA M</b>	<b>4GW15CS0 14</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
13.	<b>CHANDANA R GOWDA</b>	<b>4GW15CS0 15</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
14.	<b>DEEPANJALI B I</b>	<b>4GW15CS0 18</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
15.	<b>DIVYA CHATTY</b>	<b>4GW15CS0 21</b>	<b>L &amp; T</b>	<b>4 LPA</b>	

16.	<b>K CHANDANASHR EE</b>	<b>4GW15CS0 37</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
17.	<b>NISHA K M</b>	<b>4GW15CS0 64</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
18.	<b>POOJA S DANIHALLI</b>	<b>4GW15CS0 71</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
19.	<b>SIMRAN GOYAL S</b>	<b>4GW15CS1 04</b>	<b>L &amp; T</b>	<b>4 LPA</b>	
20.	<b>THRUPTHI B. V</b>	<b>4GW15CS1 19</b>	<b>BLP</b>	<b>4 LPA</b>	
21.	<b>AKSHATA R PALANKAR</b>	<b>4GW15CS0 01</b>	<b>INFOSYS</b>	<b>3.6 LPA</b>	
22.	<b>CHANDANA S URS</b>	<b>4GW15CS0 16</b>	<b>INFOSYS</b>	<b>3.6 LPA</b>	
23.	<b>PRIYANKA KRISHNA</b>	<b>4GW15CS0 78</b>	<b>INFOSYS</b>	<b>3.6 LPA</b>	

24.	SHREYA R	4GW15CS1 01	INFOSYS	3.6 LPA	
25.	SHRUTHA K	4GW15CS1 03	INFOSYS	3.6 LPA	
26.	SAHANA A	4GW15CS0 89	INFOSYS	3.6 LPA	
27.	HARSHITHA M S	4GW15CS0 29	ARICENT	3.5 LPA	
28.	IFRA ANJUM	4GW15CS0 31	ARICENT	3.5 LPA	
29.	MRUDULA R	4GW15CS0 52	ARICENT	3.5 LPA	
30.	POOJA R	4GW15CS0 70	ARICENT	3.5 LPA	
31.	SAHANA A	4GW15CS0 89	ARICENT	3.5 LPA	
32.	SANJANA N	4GW15CS0 95	ARICENT	3.5 LPA	

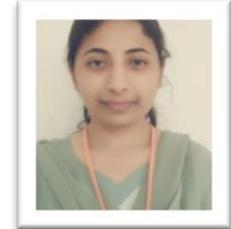
33.	<b>SRISHTI MARU</b>	<b>4GW15CS1 13</b>	<b>ARICENT</b>	<b>3.5 LPA</b>	
34.	<b>TEJASWINI PRABHU</b>	<b>4GW15CS1 17</b>	<b>ARICENT</b>	<b>3.5 LPA</b>	
35.	<b>RAMYA SHREE S</b>	<b>4GW15CS0 84</b>	<b>THOUGH TFOCUS</b>	<b>3.5 LPA</b>	
36.	<b>DHANUSHREE V</b>	<b>4GW15CS0 20</b>	<b>HCL</b>	<b>3.5 LPA</b>	
37.	<b>MEGHANA M</b>	<b>4GW15CS0 50</b>	<b>HCL</b>	<b>3.5 LPA</b>	
38.	<b>NEHAL BOPAIAH</b>	<b>4GW15CS0 59</b>	<b>HCL</b>	<b>3.5 LPA</b>	
39.	<b>PRAGATHI M C</b>	<b>4GW15CS0 72</b>	<b>HCL</b>	<b>3.5 LPA</b>	
40.	<b>PUNARVA B</b>	<b>4GW15CS0 80</b>	<b>HCL</b>	<b>3.5 LPA</b>	
41.	<b>SANJANA S RAO</b>	<b>4GW15CS0 96</b>	<b>HCL</b>	<b>3.5 LPA</b>	

42.	SARANYA M	4GW15CS0 97	HCL	3.5 LPA	
43.	SHRINGA K C	4GW15CS1 02	HCL	3.5 LPA	
44.	SWATHI	4GW15CS1 15	HCL	3.5 LPA	
45.	SUSHMA K R	4GW15CS1 14	HCL	3.5 LPA	
46.	RENITA SOLOMON	4GW15CS0 87	HCL	3.5 LPA	
47.	SAHANA B R	4GW15CS0 90	HCL	3.5 LPA	
48.	AMBIKA H N	4GW15CS0 03	CGI	3.39 LPA	
49.	JUTURU MANEESHA	4GW15CS0 36	CGI	3.39 LPA	
50.	MAYURI M HANGARGE	4GW15CS0 45	CGI	3.39 LPA	
51.	MEGHA G P	4GW15CS0 47	CGI	3.39 LPA	

52.	NIHARIKA R	4GW15CS0 60	CGI	3.39 LPA	
53.	NISARGA S	4GW15CS0 62	CGI	3.39 LPA	
54.	PRANITHA R	4GW15CS0 74	CGI	3.39 LPA	
55.	SINDHU R	4GW15CS1 05	CGI	3.39 LPA	
56.	SOUJANYA S	4GW15CS1 10	CGI	3.39 LPA	
57.	VEDASHREE P	4GW15CS1 24	CGI	3.39 LPA	
58.	MEGHANA C	4GW15CS0 49	TCS	3.36 LPA	
59.	PRITHVI VENKATESH	4GW15CS0 75	TCS	3.36 LPA	
60.	SANJANA N	4GW15CS0 95	TCS	3.36 LPA	

61.	<b>SIMRAN GOYAL S</b>	<b>4GW15CS1 04</b>	<b>TCS</b>	<b>3.36 LPA</b>	
62.	<b>SINDHU R</b>	<b>4GW15CS1 05</b>	<b>TCS</b>	<b>3.36 LPA</b>	
63.	<b>TEJASWINI PRABHU</b>	<b>4GW15CS1 17</b>	<b>TCS</b>	<b>3.36 LPA</b>	
64.	<b>NEHAL BOPAIAH</b>	<b>4GW15CS0 59</b>	<b>FACE</b>	<b>3.3 LPA</b>	
65.	<b>VARSHA V KUMAR</b>	<b>4GW15CS1 22</b>	<b>FACE</b>	<b>3.3 LPA</b>	
66.	<b>VEDASHREE P</b>	<b>4GW15CS1 24</b>	<b>MINDTRE E</b>	<b>3.25LPA</b>	
67.	<b>AKSHATHA M P</b>	<b>4GW15CS0 02</b>	<b>L &amp; T INFOTEC H</b>	<b>3.18 LPA</b>	
68.	<b>HARSHITHA D</b>	<b>4GW15CS0 28</b>	<b>L &amp; T INFOTEC H</b>	<b>3.18 LPA</b>	

69.	<b>VARSHA V KUMAR</b>	<b>4GW15CS1 22</b>	<b>L &amp; T INFOTEC H</b>	<b>3.18 LPA</b>	
70.	<b>KAVANA H A</b>	<b>4GW14CS0 35</b>	<b>[24]7.AI</b>	<b>2.88 LPA</b>	
71.	<b>NEHA R</b>	<b>4GW15CS0 58</b>	<b>[24]7.AI</b>	<b>2.88 LPA</b>	
72.	<b>NAVYA V</b>	<b>4GW15CS0 57</b>	<b>[24]7.AI</b>	<b>2.88 LPA</b>	
73.	<b>SAMHITA BOLAR</b>	<b>4GW15CS0 92</b>	<b>[24]7.AI</b>	<b>2.88 LPA</b>	
74.	<b>UPASANA PADHIARY</b>	<b>4GW15CS1 21</b>	<b>[24]7.AI</b>	<b>2.88 LPA</b>	
75.	<b>ANUSHREE J</b>	<b>4GW15CS0 10</b>	<b>SLK</b>	<b>2.82 LPA</b>	
76.	<b>N RANJANA NIKAM</b>	<b>4GW15CS0 53</b>	<b>SLK</b>	<b>2.82 LPA</b>	
77.	<b>PRITHVI VENKATESH</b>	<b>4GW15CS0 75</b>	<b>SLK</b>	<b>2.82 LPA</b>	

78.	<b>SNEHA S NARAYAN</b>	<b>4GW15CS1 08</b>	<b>SLK</b>	<b>2.82 LPA</b>	
79.	<b>YASHASWINI N</b>	<b>4GW15CS1 26</b>	<b>SLK</b>	<b>2.82 LPA</b>	
80.	<b>SNEHA S</b>	<b>4GW15CS1 07</b>	<b>NuWare systems</b>	<b>2.7 LPA</b>	
81.	<b>PRAKRUTHI S</b>	<b>4GW16CS4 15</b>	<b>MPHASIS</b>	<b>2.5 LPA</b>	
82.	<b>INDUSHREE S V</b>	<b>4GW15CS0 33</b>	<b>HERAIZE N</b>	<b>2.5 LPA</b>	
83.	<b>RAKSHITHA KD</b>	<b>4GW15CS0 83</b>	<b>HERAIZE N</b>	<b>2.5 LPA</b>	
84.	<b>KUSUM B S</b>	<b>4GW15CS0 41</b>	<b>ETHNUS</b>	<b>2.26 LPA</b>	
85.	<b>AMULYA P S</b>	<b>4GW15CS0 04</b>	<b>QSPIDERS</b>	<b>Placemen t &amp; Training</b>	
86.	<b>VARSHINI M</b>	<b>4GW15CS1 23</b>	<b>QSPIDERS</b>	<b>Placemen t &amp; Training</b>	
87.	<b>SAHANA SRINIVAS</b>	<b>4GW15CS0 91</b>	<b>QSPIDERS</b>	<b>Placemen t &amp; Training</b>	

88.	KAVYA C M	4GW15CS0 38	QSPIDERS	Placemen t & Training	
89.	NISCHITHA R	4GW15CS0 63	QSPIDERS	Placemen t & Training	
90.	AMRUTHA VARSHINI R	4GW16CS4 16	QSPIDERS	Placemen t & Training	
91.	SIMRAN GOYAL S	4GW15CS1 04	ROBERT BOSCH	5 LPA	
92.	DIVYA SHIVAKUMAR	4GW15CS0 22	MINDTRE E	2.82 LPA	
93.	KUSUM B S	4GW15CS0 41	MINDTRE E	2.82 LPA	
94.	NAGALAKSHMI	4GW15CS0 54	MINDTRE E	2.82 LPA	
95.	RACHANA N GHANATHE	4GW15CS0 81	HGS	1.68 LPA	
96.	KOMAL B R	4GW15CS0 40	HGS	1.68 LPA	

97.	JAVERIA J	4GW15CS0 35	HGS	1.68 LPA	
98.	SAHANA SRINIVAS	4GW15CS0 91	HGS	1.68 LPA	
99.	MANASA H C	4GW15CS0 44	HGS	1.68 LPA	
100.	SNEHA G P	4GW15CS1 06	HGS	1.68 LPA	
101.	MADHUSHREE N	4GW15CS0 42	HGS	1.68 LPA	
102.	PRIYA G S	4GW15CS0 76	HGS	1.68 LPA	

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

Sl. No	USN	Student Name	Company
01	4GW17SCS05	SHWETHA M N	Unilog, Mysuru

**DEPARTMENTAL ACHEIVERS- BE (Odd Semester -2018)**

**Semester VII**

<b>FIRST TOPPER</b>	<b>SECOND TOPPER</b>	<b>THIRD TOPPER</b>
		
<b>DIVYA CHATTY</b> <b>4GW15CS021</b> 87.5 %	<b>NISHA K M</b> <b>4GW15CS064</b> 87.13%	<b>DEEPANJALI B I</b> <b>4GW15CS018</b> 83.25%

**Semester V**

<b>FIRST TOPPER</b>	<b>SECOND TOPPER</b>	<b>SECOND TOPPER</b>
		
<b>RACHANA J</b> <b>4GW16CS084</b> 82 %	<b>SHARANMEGHA K V</b> <b>4GW16CS098</b> 81.37%	<b>RANJITHA M</b> <b>4GW16CS089</b> 81.25 %

**Semester III**

<b>FIRST TOPPER</b>	<b>SECOND TOPPER</b>	<b>SECOND TOPPER</b>
		
<b>SHREYA P A</b> <b>4GW17CS084</b> 92.04 %	<b>ANANYA GIRISH</b> <b>4GW17CS005</b> 88.88 %	<b>PREKSHA M</b> <b>4GW17CS064</b> 88.50%

**DEPARTMENTAL ACHEIVERS- M. Tech (Odd Semester -2018)****Semester III**

<b>FIRST TOPPER</b>	<b>FIRST TOPPER</b>	<b>SECOND TOPPER</b>
		
<b>Akhila C V</b> <b>4GW17SCS02</b> <b>98.6%</b>	<b>Shwetha M N</b> <b>4GW17SCS05</b> <b>98.6%</b>	<b>Maria Rufina</b> <b>4GW17SCS03</b> <b>96.6%</b>

<b>SECOND TOPPER</b>

<b>Roopa T N</b> <b>4GW17SCS03</b> <b>96.6%</b>

**Semester I**

<b>FIRST TOPPER</b>	<b>SECOND TOPPER</b>
	
<b>Rakshitha H</b> <b>4GW18SCS02</b> <b>83.11%</b>	<b>Divyashree B N</b> <b>4GW18SCS01</b> <b>80%</b>

## DEPARTMENTAL ACHIEVEMENTS

### Memorandum of understanding(MoU)



MoU with Allinnov R&D Pvt.Ltd.,Mysuru on 14<sup>th</sup> March 2018

### SPONSORED PROJECTS

Sl. No.	Sponsoring Agent	Title	Grant	Proposed by	Duration	Achievements
01	Vision Group on Science and Technology(VGST), Govt. of Karnataka	Smart Systems and IoT Laboratory	Rs. 30 lakhs	Dr. S Meenakshi Sundaram, Professor and Head, Department of CSE	3 Years(2016-2019)	VTU FOSS Competition Awardees One Conference Publication
02	Visvesvaraya Technological University, Belagavi, Karnataka	Design and Development of Intelligent Phishing Detection and Prevention System		Chandana R Gowda Deepanjali BI Nehal Bopaiah K M Nisha, Dr. S Meenakshi Sundaram		VTU FOSS Competition Awardees One Conference Publication
03	Visvesvaraya Technological University, Belagavi, Karnataka	Cloud based IoT-system to analyze and monitor vehicular emissions		Divya Chatty Aparna S Bandekar Mayuri M H, Dr. Manjunasad B		Selected for BITES - Xcelerator Project Awards Received Best Paper Award at 14 <sup>th</sup> National Conferences at SJBIT, Bangalore One UGC Journal Publication

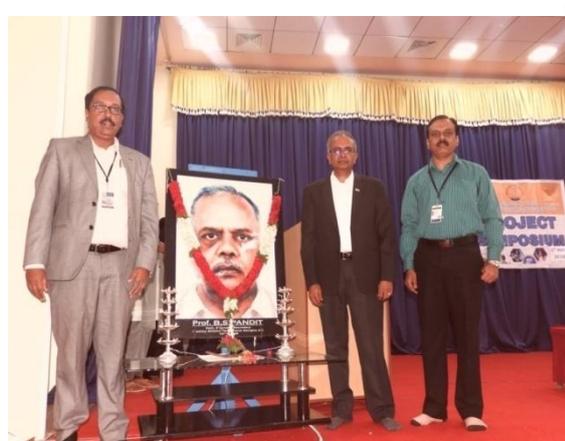


ISSA Student Chapter was inaugurated at GSSSIETW, Mysuru on 11<sup>th</sup> October 2018. The Chief Guest was **Mr. Ganesh S** Founder & CEO, FluxGen Technologies, Bengaluru and **Dr. A.M. Sudhakara**, System Head, Computer Centre, University of was the Guest of Honor.



Launching of E-Box for VTU Courses was organized by the department of CSE on 9<sup>th</sup> March 2019. The Programme was inaugurated by **Dr.K Chidananda Gowda**, Former Vice Chancellor, Kuvempu University and Chief guest was **Dr.Subraya B M**

### Project Symposium 2019



**Project Symposium 2019** was inaugurated by **Mr. Bhaskar Kalale**, President, Theorem India Pvt. Ltd., Mysuru and Chairman Confederation of Indian Industry (CII), Mysuru on 9<sup>th</sup> March 2019

### 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.

## **COMPUTER SOCIETY OF INDIA**

The following activities were conducted under CSI Banner:

### **Two Day Workshop on “Building Internet of Things Applications using Raspberry Pi & Arduino” held on 29<sup>th</sup> & 30<sup>th</sup> March 2019**



*Students in hands-on session*



*Students receiving certificate*

## Three Day Workshop ON “Hands-on Training on Computer Network Security: Issues Challenges” on 07<sup>th</sup>, 08<sup>th</sup>, & 09<sup>th</sup> March 2019



Resource person and Students during Workshop inauguration.



Resource person addressing the Students

### FACULTY ACHIEVEMENTS

#### Ph.D Degree Awarded



Mr. Manjunath B receiving Ph.D award

### PUBLICATIONS:

1. Dr. P. Raviraj presented paper entitled “ Secure Storage and Data Streaming of IOT based Health care Data: A Comprehensive View ”, ‘ International Conference on Computing Information Electronics and Electrical Engineering(ICCIEEE-2018) ’ held at Idhaya Engineering College for Women , on 24-03-2018.
2. Parashivamurthy B M presented paper entitled “ Effective fog Computing in IOT ”, 3<sup>rd</sup> National Conference on Recent Advancements in Engineering Science and Technology(RAEST-2018) ’ held at Dr.Thimmaiah Institute of Technology , on 09-05-2018.
3. Gururaj K S presented a paper entitled “ An analysis: Need of Technology in Voting System ” in International Conference on Recent Trends in Computational Engineering and Technologies(ICTRCET-2018) on 17-05-2019 to 18-05-2019

### REVIEW/ CERTIFICATION/ WORKSHOPS/FDP ATTENDED:

1. Gururaj K S attended one day Workshop on New Model Curriculum for first year BE/B.Tech-CBCS Detailed Syllabus(2018-19) as per Outcome-Based Education(OBE) format including Course Outcomes(CO) and Bloom’s Taxonomy at SEEM Mangalore on 19<sup>th</sup> May 2018.
2. Manjunath S attended 5 days Workshop on Machine Learning at SJBIT, held during 09<sup>th</sup> to 14<sup>th</sup> July 2018.
3. Dr.Manjunath B attended 5 days Workshop on Machine Learning at SJBIT, held during 09<sup>th</sup> to 14<sup>th</sup> July 2018.

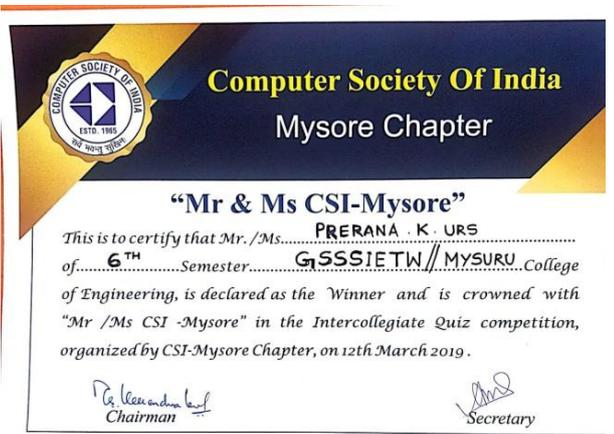
4. Dr.P.Raviraj attended Faculty Development Program on “Internet of Things”, JSS Academy of Technical Education, Bengaluru held during 18 June 2018 to 23 June 2018 .
5. Rajashekar M B attended Faculty Development Program on “Web Technology and its Applications” RNSIT, Bengaluru held during 23 June 2018 to 24 June 2018.
6. Madhu M Nayak, Parashivamurthy B M attended Faculty Development Program on “Research Methodology and Technical Writing” Gopalan College of Engineering and Management, Bengaluru on 27 July 2018 .
7. Dr. MANjuprasad was the Resource Person for the One Day Workshop on Introduction to IoT and Hands-on Arduino Basic” at VKIT, Bangalore, 02nd May 2019
8. Dr. MANjuprasad Ph.D. Thesis is selected and presented in the Graduate Thesis Evaluation in 7 minutes organized by IEEE Com Soc Bangalore and Kerala Chapter, 30th March 2019, At Amritha School of Engineering, Bangalore
9. Dr. MANjuprasad was the Resource Person for the “Hands-on - Three Days Workshop on Current Trends in Machine Learning”, organized by Dr. T. Thimmaiah Institute of Technology (Dr. TTIT), KGF, from 14th -16th November 2018.
10. Dr. MANjuprasad was the Resource Person for the LaTeX Hands-on Session in the Statistical Analysis and Use of Software: LaTeX and R Workshop organized by Karnataka Science and Technology Academy, Bengaluru, July 2018
11. Khateeja Ambareen attended workshop on “Internet of Things(IoT)and its Applications” at VTU RO on 10th and 11th December 2018
12. Khateeja Ambareen coordinated in two day workshop on “Building Internet Of Things Applications Using Raspberry Pi & Arduino” at GSSSIETW, Mysuru from 29th to 30th March 2019
13. Khateeja Ambareen presented a paper titled ” Quality Assurance Framework for Software Testing” at 3rd National Conference on Robotics, Automation, Control and Embedded System, GSSSIETW, Mysuru
14. Khateeja Ambareen presented a paper titled ” Presented a paper titled” Predicting Energy consumption of the Building using Machine Learning Technique” at NCRACES-2019, GSSSIETW, Mysuru
15. Khateeja Ambareen presented a paper titled ” A Secure Transaction Scheme with Certificateless Cryptographic primitives for cloud based mobile payments” at NCRACES-2019, GSSSIETW, Mysuru

## STUDENTS ACHIEVEMENTS

### **NDRF 2018 - Gold Medal award in Computer Engineering Discipline**



The proposal submitted by Ayesha Khanum of Final year B.E won the gold medal in Computer Engineering Discipline for the project idea “Wireless Home Security Surveillance System using Android Application” by National Design Research Forum (NDRF).



**Miss. Prerana K Urs** of CSE 6<sup>th</sup> semester won the final round during the Inter-collegiate Quiz competitions, organized by CSI – Mysore Chapter held on 12<sup>th</sup> March 2019. She was crowned as “**Ms. CSI – Mysore**”

### Workshops/Events

Sl. No.	Student Name	Sem	Event name	Date	Venue
1.	Divya Chatty, Aparna Bandekar, Mayuri Hanageri	8	BITES-XCELERATOR Best Student Project Award	22 June 2019	Bangaluru
2.	Swathi	8	2 day workshop on building internet of things applications using rassberry pi and aurdino	29 <sup>th</sup> -30 <sup>th</sup> March	GSSSIETW, Mysuru
3.	Druthi R S	6	MANTHAN 2018	1 <sup>st</sup> June 2018	FKCCI Bengaluru
4.	Nirmala D	6	Amateur Radio Workshop(SPARK)	30 <sup>th</sup> March 2019	PES Manya
5.	Nirmala D	6	State level socio entrepreneurial fest	30 <sup>th</sup> and 31 <sup>st</sup> March 2019	PESCE Mandya
6.	DaminiNiranjan	6	Ethical hacking online training	27 <sup>th</sup> March 2019	Internshala trainings
7.	DaminiNiranjan	6	Vedha Quiz Fest of Ashwamedha 2019	12 <sup>th</sup> May 2019	VedhaSoftech India Private Limited, Mysuru
8.	Aishwarya C J	6	TATA Crucible campus quiz 2019	1 <sup>st</sup> March 2019	TATA Crucible
9.	Nisarga H S, Surabhi G, Nithya P, SafaAnum	6	SYMBOIT State Level Hackathon	4 <sup>th</sup> and 5 <sup>th</sup> May 2019	VVCE, Mysuru
10.	Preksha M, Sindhu L, Druthi R S, Aishwarya M, Janifer A, Anusha T	6	Entrepreneurship Awareness Camp	25 <sup>th</sup> and 27 <sup>th</sup> February 2019	EDC Cell, GSSSIETW, Mysuru
11.	Aishwarya C J, Preksha M, Sindhu L,	6	CHOWKA an intercollegiate Competition	3 <sup>rd</sup> and 4 <sup>th</sup> May 2019	VVCE, Mysuru
12.	Aishwarya M,	6	Techno Spectrum 2018	11 <sup>th</sup> October	GSSSIETW,

	Jenifer A, Anusha T, Druthi R S, Kavyashree M P, Divya S			2018	Mysuru
13.	Preksha, Sindhu L Druthi R S	6	32 <sup>nd</sup> CSI Karnataka Students Convention	1 <sup>st</sup> and 2 <sup>nd</sup> March 2019	Cambridge Institute of Technology
14.	Druthi R S	6	32 <sup>nd</sup> CSI Karnataka Students Convention (3 <sup>RD</sup> Prize in Gaming)	1 <sup>st</sup> and 2 <sup>nd</sup> March 2019	Cambridge Institute of Technology
15.	Aishwarya M Anusha T	6	TRAITHLON 2019 State Level Technical Competition	8 <sup>th</sup> and 9 <sup>th</sup> September 2018	VVCE, Mysuru
16.	Jenifer A,Bhavana S, Kavyashree M P, Divya S, Jayashree R	6	Android Application Development and Security	23 <sup>rd</sup> and 25 <sup>th</sup> January 2018	Emporis Software Solution
17.	DaminiNiranjan , Kavya M,	6	International Women Day 2019	28 <sup>th</sup> March 2019	GSSSIETW Mysuru
18.	Kavya M	6	VEDHA Quiz Fest of ASHWAMEDHA 2019	12 <sup>th</sup> May 2019	VedhaSoftech India Private Limited
19.	DaminiNiranjan , Kavya M	6	TCS Tech Bytes	2019	TCS Benagaluru

### Conferences/Publications

Sl. No.	Student Name	Sem	Event name	Date	Venue
1	Deepthi N, Apoorva M S Anusha GC Dhanushree V	8	Heart disease diagnosis using machine learning	10 <sup>TH</sup> MAY 2019	NCRACES- 2019,GSSSIE TW
2	Ambika H N, Amulya P S K Chandanashree, Kusum B S	8	Intelligent Manhole Cover System	5 <sup>th</sup> May 2019	IRJET 2019
3	Chandana R Gowda, Deepanjali B I, Nehal Bopaiah, Nisha K M	8	A Survey On Phishing Detection and Prevention Techniques	4 <sup>th</sup> May 2019	NCIICCS 2019
4	Harshitha D Harshitha S P Ifra Anjum Indushree V P	8	IoT based smart traffic signal monitoring system	10 <sup>TH</sup> MAY 2019	NCRACES- 2019,GSSSIE TW
5	Anu K S Harshitha M S Kavya C M Megha	8	Cluster based computing environment using Raspberry PI	27 <sup>th</sup> MARCH 2019	NCFDP- 2019 ATME college of engineering
6	Indushree s v Nandinisridevi H S Navya V	8	IoT Based Animal Harn Detection Using Sensors By	10 <sup>TH</sup> MAY 2019	NCRACES- 2019,GSSSIE TW

	Nikitha B M		Creating An Alert		
7	KAVANA H A, NEHA R, NIHARIKA R, NISARGA S	8	Crop yield pattern prediction using data mining techniques	4 <sup>TH</sup> mAY	IETE-2019, MYSORE CENTRE
8	Aparna S Bandekar, Divya Chatty, Mayuri M Hangarge	8	Cloud based IoT system to analyse and control vehicular emissions	<ul style="list-style-type: none"> <li>• 4 May 2019</li> <li>• 8 May 2019</li> </ul>	<ul style="list-style-type: none"> <li>• NCIICCS 2019, SJBIT, Bengaluru</li> <li>• NCSEM, Oxford College of Engineering, Bengaluru</li> </ul>
9	Akshatha M.P, Chandana S Urs, Javeria J, Meghana C.	8	Sentimental Analysis of product Reviews for e-Commerce websites.	5 <sup>th</sup> May 2019	IRJET -2019
10	Chinmayi S Chakravarthy, Megha G.P, N Ranjana Nikam, Nischitha R	8	An IoT based secured smart office.	March 2019.	National conference and faculty development programme in Science and Technology.
11	Anushree G, Badagowni Swapna, Juturu Maneesha, Nallagatla Swathi	8	Smart agriculture system to detect flames using IoT and DIP	10 May 2019	NCRACES-2019
12	Ankitha Prabhakar, Divyashree B N, Gagana R	8	Plant disease detection through SVM	10 May 2019	NCMTCS 2019
13	Kavya N Madhushree N Maheshwari S Manasa H C	8	Handwriting Recognition using SVM Method	10 May 2019	NCRACES 2019
14	Pragathi M C Rakshitha K D Samhita Bolar Thrupthi B V	8	Potato Leaf Disease Detection Using Image Processing	26 April 2019	NCCDS-2019,GSSSIETW
15	Sahana B R Sandhya R Srilakshmi M V Varshini M	8	Identification and Ranking of News Topics Based On Social Media Factors	10 May 2019	NCMTCS-2019
16	Priyanka S Punarva B Shravya G Gowda Uma V R	8	Agricultural Greenhouse Monitoring and Integrated Auction System	10 May 2019	NCMTCS-2019
17	Komal B R Umme Hani	8	Crime Detection Using Face	10 May 2019	NCRACES-2019,

	Prakruthi S		Recognition		GSSSIETW
18	Lakshmi M Chaithanjali R S Vandana H S	8	A Secure Transaction Scheme With Certificateless for Mobile Payments	10 May 2019	NCRACES-2019, GSSSIETW
19	Harshitha Jayasheela C K Meghana m m Ranjitha C M	8	A Secure Transaction In ATM Using IOT Bank Server	10 May 2019	NCRACES-2019, GSSSIETW
20	Bhumika M, Divya Shivakumar, Meghana B ,Meghana M	8	Predictive Analysis for Chronic Kidney Disease using Machine Learning Techniques	10 May 2019	NCRACES-2019, GSSSIETW
21	Rashmi C Saranya M SreeRaksha M R Tejaswini Prabhu	8	Smart Grievance Registration and Tracking System	26 <sup>th</sup> April,2019	NCCDS-2019,GSSSIETW
22	POOJA B T POOJA C S RASHMITHA H P VASANTHA B D	8	Underground cable fault location detection using IoT	10 <sup>th</sup> may 2019	NCMTCS-2019,Malnad college of engineering,H assan
23	MRUDULA R POOJA R PRANITHA R PRITHVI VENKATESH	8	Fog assisted patient health monitoring in smart homes	10 <sup>th</sup> May 2019	NCMTCS-2019,Malnad college of engineering,H assan
24	SINDHU R SNEHA S THEJASWINI C PRAKRUTHI M P	8	Structure Extraction from Texture via Relative Total Variation.	10 <sup>th</sup> May 2019	NCMTCS-2019,Malnad College of Engineering, Hassan.
25	NAGALAKSHMI ROOPA G SHILPA M S SHRUTHA K	8	PREFOM- An Application for predictive food quantity and excess food management	10 <sup>th</sup> May 2019	NCMTCS-2019, Malnad College of Engineering, Hassan.
26	SAHANA A SHREYA R SHRINGA K C SNEHA S NARAYAN	8	Virtual fence using YOLO and agricultural process monitoring using IoT.	10 <sup>th</sup> May 2019  1 <sup>st</sup> March 2019  16 <sup>th</sup> March 2019	NCMTCS-2019, Malnad College of Engineering, Hassan.  Cambridge institute of technology, Bangalore  SIT, sTumkur.
27	Pooja S Danihalli Ramya Shree S Sanjana N	8	IBeacon Broadcaster and Device Manager	10 <sup>th</sup> May 2019	NCMTCS-2019, Malnad College of

					Engineering, Hassan.
28	Pooja R, Simran Goyal, Srishti Maru, Sushma KR	8	Automatic Parking Space Detection for Advanced Driver Assistance System	10 <sup>th</sup> May 2019	NCMTCS-2019, Malnad College of Engineering, Hassan.
29	Sangeetha B, Shivani T J, Swathi, Yashaswini N	8	IOT Based Energy Consumption Recording & Live Monitoring Application	10 <sup>th</sup> May 2019	NCRACES-2019, GSSSIETW
30	Rachana N Ghanathe, Varsha V Kumar, Vedashree P	8	Detecting Insurance claims fraud using machine learning techniques	10 <sup>th</sup> May 2019	NCMTCS-2019, Malnad College of Engineering, Hassan.
31	Akhila C V		Predicting Energy consumption of the Building using Machine Learning Technique	10 <sup>th</sup> May 2019	NCRACES-2019, GSSSIETW, Mysuru
32	Shwetha M N		Quality Assurance Framework for Software Testing	10 <sup>th</sup> May 2019	3 <sup>rd</sup> National Conference on Robotics, Automation, Control and Embedded System, GSSSIETW, Mysuru
33	Akhila C V		Machine Learning Technique for Predicting Water Consumption in Building		ManTech Publications
34	Maria Rufina		To Design and Implement attribute-based encryption data privacy	10 <sup>th</sup> May 2019	3 <sup>rd</sup> National Conference on Robotics, Automation, Control and Embedded System, GSSSIETW, Mysuru
	Roopa T N		” Design and Application of Ingenious Metering Using Internet of Things	10 <sup>th</sup> May 2019	NCRACES-2019, GSSSIETW, Mysuru

## 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.

### Three Day Workshop On “Arduino Development Environment with Android Mobiles” from 21<sup>st</sup> to 23<sup>rd</sup> March 2019



Seated From left to Right : Mr. Naveen Kumar M, Android Programmer, Mr. Kiran M K Embedded Programmer, Dr. S. Meenakshi Sundaram, Professor & Head of Computer Science & Engineering Department, Mr. Sateesh Giri N, Managing Director Mr. Chitharanjan D, Android Programmer of Mysgenius Software Solutions, Mysuru



*Sateesh Giri Managing Director of Mysgenius Software Solutions, handling practical session on installation of Arduino IDE, syntax of Arduino variables, and introduction of Android SDK for Students (IV A).*

*Lakshmi Narayan B N, Naveen Kumar M Android Programmer, demonstrating installation of Arudino IDE, Hardware overview, and syntax of Arduino variables and introduction of Android SDK for students (IV B).*

## Technical Talk on High Performance Computing



Technical talk by Mr. Adithya VijayKumar, Data science Consultant, Capgemini /Ministry of Justice, Netherlands along with III semester students on **18/08/2018**

## VGST Sponsored “Innovative Smart System and IoT Laboratory”

### Utilization:

07 Faculty Researchers Involved in various research activities

50+ Students were utilized the lab for doing Project and Competition purpose from majority of the departments from GSSSIETW

### Achievements by Innovative Smart System and IoT Laboratory Scholars

- University Level:** Participated and received Rs. 5K Project assistance from VTU FOSS Competition
- Industry Level:** 2 Batches Selected for Xelerate Project Awards 2019 (Cleared 2 rounds, awaiting for the next intimations)
- Inter College Level:**
  - 02 Best Paper Awards at 14<sup>th</sup> National Conferences at SJBIT, Bangalore and Project Symposium at GSSSIETW, Mysuru
  - One UGC Journal Publication
  - 07 Conference Publications
  - Website Designed by 2<sup>nd</sup> Year Students for this lab
  - Automatic Fruit Salad Vending Machine with e-payment
  - Automatic Juice vending dispenser with e-payment
  - Automatic Watering of Plants – 1<sup>st</sup> Project at IoT Lab (Dismantled due to shortage of resource)

Utilization of the “Innovative Smart System and IoT Laboratory” -2019			
Sl. No	Department	Number of Students	Purpose
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></ul>

			<ul style="list-style-type: none"> <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, CSE	03	<ul style="list-style-type: none"> <li>2 Mini Projects</li> <li>1 Main Project</li> </ul>



List of In house IoT Projects 2019					
Sl. No.	USN	Project Guide	Project Title	Components Using in IoT Lab	Achievements
01	Chandana R Gowda Deepanjali BI Nehal Bopaiah K M Nisha	Dr. S Meenakshi Sundaram	Design and Development of Intelligent Phishing Detection and Prevention System	Computers	VTU FOSS Competition Awardees  One Conference Publication
02	Chinmayi S Chakravarthy Megha G P Ranjana Nikam N Nischitha R	Dr. P. Raviraj	An IoT based secure smart office	Raspberry pi, PIR sensor, camera module, servo motor.	Selected for BITES - Xcelerator Project Awards  One Conference Publication
03	Anu K S Harshitha M S	Gururaj K S	Cluster computing	Raspberry pi	One Conference Publication

	Kavya C M Megha		using raspberry pi		
04	Divya Chatty Aparna S Bandekar Mayuri M H	Dr. Manjuprasad B	Cloud based IoT-system to analyze and monitor vehicular emissions	ETS model with Raspberry Pi, MQ7 sensor, MQ13 5 sensor, connecting devices, Arduino	Selected for BITES - Xcelerator Project Awards  Received Best Paper Award at 14 <sup>th</sup> National Conferences at SJBIT, Bangalore  One UGC Journal Publication
05	Anushree G Badagowni Swapna Juturu Maneesha Nallagatla Swathi	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	Akhila C V	Khateeja Ambareen	“Predicting the Energy Star Score Using Machine Learning Technique”		
07	Divyashree BN	Dr. Manjuprasad B	Agricultural Application	ETS Sense Node and Sensors	
08	Rakshitha		Forest Fire Monitoring	LoRa and Sensors	



## Parents -Teacher Meeting



*Dr. S. Meenakshi Sundaram, Prof & Head, Department of Computer Science & Engineering, Class Coordinator of 4<sup>rd</sup> Sem Mrs.Tejaswini R M and Subject handling Faculty Mrs.Anandhi G 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 30<sup>th</sup> March 2019.

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 WIPRO, Electronic City, Bengaluru  
04th April-2019**



**Industrial visit to Wipro, Electronic City, Bengaluru by students of 6<sup>th</sup> semester, Department of Computer Science & Engineering on 04<sup>th</sup> April, 2019.**

**EDITORIAL TEAM**

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

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