



NEWSLETTER ODD SEMESTER 2018

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



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
(Accredited by NBA, New Delhi Validity: 01/07/2017 – 30/06/2020)

INFONITE

ABOUT THE DEPARTMENT:

Department of **Information Science and Engineering** became a part of this esteemed organization in the year 2003 with intake of 60 students. It is recognized by All India Council for Technical Education, New Delhi, India and affiliated to **Visvesvaraya Technological University**, Belagavi, Karnataka. The course has become popular among students due to the achievements and rigor. The department has well equipped classrooms and computer laboratories with high-end systems supporting Wi-Fi facility.

Department has 11 professionally qualified faculties with required experience and 3 technical staff members, committed to continuously improve the quality of education by enhancing the knowledge of students.

VISION:

To be recognized nationally as an accomplished department producing global leaders and researchers as committed, enthusiastic and excellent ethical women technical graduate for the better tomorrow.

MISSION:

- To provide students with Innovative and Research skills, which is need of the hour for technical students.
- To impart knowledge to the students of Information Science and Engineering with relevant core and practical knowledge inculcating real time experience in the promising field of computing.
- To prepare the graduates to meet Information Technology challenges with a blend of social, human, ethical and value based Education

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DEPARTMENTAL ACHIEVERS (Even Semester -2018)

Semester VIII

First Topper	Second Topper	Third Topper
		
SHREYA S GOWDA 85%	RASHMI HEGDE 82%	NISARGA 81.20%

Semester VI

First Topper	Second Topper	Third Topper
		
SHISHIRA N KASHYAP 83.8%	M AISHWARYA 81.6%	SUMANA BHATTA N M 81.1%

Semester IV

First Topper	Second Topper	Third Topper
		
DEEKSHA HARISH 80.13%	S JAYALAKSHMI 78.38%	SAHANA RAO P S 77.13%

PLACEMENTS 2018-19

SL NO	NAME	COMPANY NAME	PACKAGE
1	M Aishwarya	SIEMENS	5LPA
2	Shravanthi	SIEMENS	5LPA
3	Akshatha kamath	IBM	4.1LPA
4	M Aishwarya	L&T Technology and services	4LPA
5	Kirti D	L&T Technology and services	4LPA
6	Shishira N Kashyap	L&T Technology and services	4LPA
7	Bhavana S Shetty	Infosys Mysuru	3.6LPA
8	Archana raju	Infosys Mysuru	3.6LPA
9	Lahari B R	Infosys Mysuru	3.6LPA
10	Shubha P S	Infosys Mysuru	3.6LPA
11	Meghana Jagadeesh	Aricent	3.5LPA
12	Noorein M A	Aricent	3.5LPA
13	Varshitha R	Aricent	3.5LPA
14	Pooja R	Wipro Limited	3.5LPA
15	kavya shivanand bhat	CGI	3.39LPA
16	Poojashree K M	CGI	3.39LPA
17	Navya r	TCS	3.36LPA
18	Meghana Jagadeesh	TCS	3.36LPA
19	Kavya r	Mindtree	3.25LPA
20	Pooja R	SLK Softwares	2.8 LPA
21	Swathi J	SLK Softwares	2.8 LPA
22	Nagaranjini	Mphasis	2.50LPA
23	Sumana Bhatt N M	Mphasis	2.50LPA
24	Pooja D	Codilar	1.8LPA
25	Bhanupriya	HCL	3.5LPA
26	Swathi J	L&T Technology and services	3.2LPA
27	Neha Murthy	L&T Technology and services	3.2LPA

DEPARTMENTAL ACHIEVEMENTS

Memorandum of Understanding (MOU)



A **Memorandum of Understanding (MOU)** was formally signed between GSSS Institute of Engineering and Technology for Women (GSSSIETW), Mysuru and **VSG Software Solutions, Mysuru** on **16th July 2018**.

Computer Society of India (CSI)

Following activities were conducted under CSI banner.

Four day Workshop on “Big Data Analytics”



Four Day Workshop on “BIG DATA ANALYTICS” in association with AIESEC, IIT NewDelhi and GeeksLAB Technologies Pvt. Ltd, New Delhi from 21st to 24th January 2019

CODE IGNITER – 2018



Department of Information Science & Engineering of GSSSIETW, Mysuru had organized one day National Level Coding Competition “CODE IGNITER – 2018” in Association with Computer Society of India, Bangalore and Mysore Chapters on 22nd September 2018..

Three days Workshop on “R for Data Science”



Three days Workshop on “R for Data Science” from 10th to 12th July 2018, in association with Board of IT Education Standards, Bangalore.

Workshop on “Machine Learning”



One Workshop on “Machine Learning” by Mr. Aditya Hatwar, Research Engineer, Data Science Analytics Group, Ola, Bengaluru on 3rd November 2018.

Session on “Block Chain Technology”



Session on “Block Chain Technology” was organized for V Semester by Karthik G, Managing Director, VSG Software Solutions, Mysore on 27th October 2018

Session on “Block Chain Technology”



Session on “Block Chain Technology” was organized for VII Semester by Karthik G, Managing Director, VSG Software Solutions, Mysore on 27th October 2018

Workshop on “ERP tool”



Workshop on “ERP tool” was organized for VII Semester students by **Sonu Prabhu, Software Engineer, Siemens Healthcare Pvt. Ltd Bengaluru** on 15th September 2018

Workshop on “ERP tool”



Workshop on “ERP tool” for V Semester students by **Sonu Prabhu, Software Engineer, Siemens Healthcare Pvt. Ltd** on 15th September 2018.

One day workshop on “Practical Approach towards Networking Tools”



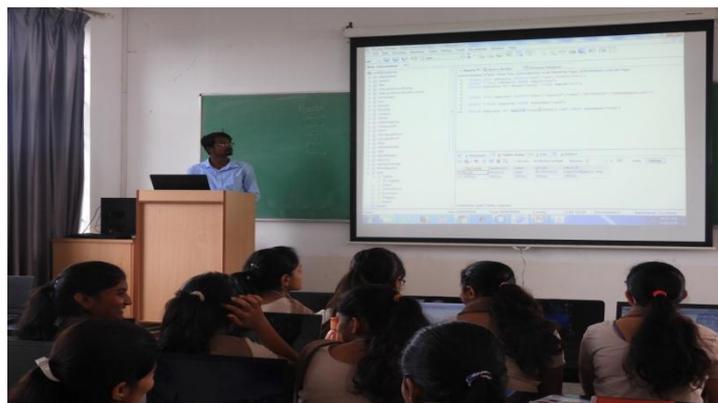
One day workshop on “Practical Approach towards Networking Tools” was organized for V Semester students by **Mr. Manjunath, Samsung, Bengaluru** on 15th September 2018

Practice Session on “Data Structures”



A Practice Session on “Data Structures” was organized for III Semester students by Mr **Krishna**, Software Trainer, Amphisoft Technologies, Bengaluru on 8th September 2018.

Two day Workshop on “Advanced Java & J2EE”



Two day Workshop on “Advanced Java & J2EE” was organized for V Semester students by Mr. Lohith C, Senior Software Engineer, Techagape Bengaluru on 18th August 2018.

Talk on “IOT based Delivery Boys Safety Control and Bike Analyzer”



Talk on “IOT based Delivery Boys Safety Control and Bike Analyzer” and Project Demo by Best Project Awarded by KSCST, Bengaluru Winning Alumnae on 13th August 2018.

Industrial Visit



Students of V Semester on Industrial Visit to ISRO – Satellite Center, Bengaluru on 26th September 2018.



Students of VI Semester on Industrial Visit to KAYNES Technology India Private Ltd, Mysore on 15th September 2018.

FACULTY ACHIEVEMENTS

ACHEIVEMENTS:

1. **Dr. Reshma Banu**, Organizing chair for Third International Conference On Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2018).
2. **Dr. Reshma Banu**, **Ayesha Taranum** guided project entitled “IOT based Delivery Boys Safety Control and Bike Analyzer”, funded by Karnataka State Council for Science and Technology (KSCST) which won **BEST project** award at State Level Seminar & Exhibition held at Bapuji Institute of Engineering and Technology Davangere on 10th and 11th August 2018.
3. **Dr. Reshma Banu**, guiding project entitled " Cyber physical system(cps): design of user interface for interaction with heterogeneous vehicles" selected for **IEEE Bangalore Section Student Innovation Project fund 2018 (BS-SIP 2018)**.

PUBLICATIONS:

1. **Dr Reshma Banu**, “TCP Congestion Management” ,Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018.
2. **Dr Reshma Banu**, “Detection of TCP Xmas scan using pattern analysis”, Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018 .
3. **Dr Reshma Banu**, “Efficient Detection and Light-Free Mapping of Environment by Utilization of Ultrasonic Radar System (URAS) and Virtual Reality”, Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018 .
4. **Dr Reshma Banu**, “Detection of DoS and Brute Force Attacks” Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018
5. **Dr Reshma Banu**, “An Approach for Security in Internet of Things” Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018.
6. **Dr Reshma Banu**, “Optimizing Operation Maintenance Strategy to improve Solar Power Plant Performance” Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018.
7. **Chaya P**, “An Automated Solution for Extracting and Counting of White Blood Cells in a Blood Smear Images” published in the International Journal of Trend in Scientific Research and Development (IJTSRD), Volume 3,Issue 2, pp 137-140, 8th Jan 2019.
8. **Soumya Dath G**, “Energy Efficient Wireless Sensor Networks: A Survey on Energy-Based Routing Techniques” published in the International Journal of Trend in Scientific Research and Development (IJTSRD), Volume – 3, Issue – 2, Jan-Feb 2019.
9. **Vijayalakshmi M M**, “IOT based Smart farming in Agriculture” published in the International Journal of Trend in Scientific Research and Development (IJTSRD), Volume – 3, Issue – 2, Jan-Feb 2019.
10. **Amaresh A M**, “Arduino based 6DoF Robot using Lab VIEW”, International Journal of Computer Science and Engineering (IJCSE), Volume – 3, Issue – 2, Jan-Feb 2019.
11. **Ayesha Taranum**, “Detection of DoS and Brute Force Attacks” Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018 .
12. **Ayesha Taranum**, “TCP Congestion Management” ,Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018 .

13. **Jyothi T**, “Detection of TCP Xmas scan using pattern analysis”, Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018 .
14. **Jyothi T**, “Efficient Detection and Light-Free Mapping of Environment by Utilization of Ultrasonic Radar System (URAS) and Virtual Reality”, Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) 14th & 15th December 2018 .
15. **Divya Y A**, “Smart Water Monitoring System using Cloud Service”, Published in the International Journal of Trend in Scientific Research and Development (IJTSRD), Volume: 3 Issue: 2, Jan-Feb 2019.

WORKSHOPS / FDP ATTENDED:

1. **All the Staff of ISE Department** participated in One Day Faculty Development Program on “Effective eResources Retrieval Strategies for Efficient Research” at GSSSIETW, Mysuru on 9th January 2019.
2. **All the Staff of ISE Department** , Attended IEEE Distinguished Lecture Program (DLP) on Prof. Ravinder Dahiya, PhD, Professor of Electronics and Nanoengineering, EPSRC Research Fellow, Bendable Electronics & Sensing Technologies (BEST) Group, School of Engineering, University of Glasgow, UK at GSSSIETW, Mysuru on 19th December 2018.
3. **All the Staff of ISE Department** attended International Seminar on Research and Innovation in Engineering and Technology (ISRIET) by Dr. Teo Young Meng and Dr. Bhanu Prakash K N at GSSSIETW, Mysuru on 17th December, 2018.
4. **Ayesha Taranum, Amaresh A M**, Attended Five day FDP on “IOT & Embedded System Design” at GSSSIETW, Mysuru in association with Ministry of Electronic and Information technology, Government of India from 24th to 28th Sept, 2018.
5. **All the Staff of ISE Department** attended Two Day Faculty Development Program on “Quality Indicator Framework (QIF) for NAAC process, at GSSSIETW, Mysuru on 23rd & 24th July 2018.
6. **Jyothi T**, Attended Three Day FDP on “MACHINE LEARNING”, RNS INSTITUTE OF TECHNOLOGY, Bangalore from 19th to 21st July , 2018.
7. **All the Staff of ISE Department** Attended three day Faculty Development Program on R for Data Science from 10th to 12th July 2018.
8. **Chaya P**, Attended TEQIP –III sponsored one day National level workshop on “Cyber security and Forensics: Real-Time Challenges” on 2nd July 2018 in association with Cyber crime Branch Mysuru at SJCE , Mysore.

STUDENTS ACHIEVEMENTS

1. **Poojashree K, Navya R, Niveditha R, Rashmi(VII Sem)**, Presented Project “Efficient Detection and Light-free Mapping of Environment by Utilization of Ultrasonic Radar System (URAS) and Virtual Reality “ at TECHgium 2018-'19 , L&T Technology Services Limited, Bengaluru on 28th January 2019.

2. **Shravanthi, Akshatha H V, Bhanupriya M, Keerthana B K(VII Sem)**, project entitled " Cyber physical system(cps): design of user interface for interaction with heterogeneous vehicles " selected for IEEE Bangalore Section Student Innovation Project fund 2018 (BS-SIP 2018)
3. **Arpitha Gowda H N, Chethana R, Harshitha S, Inchara A Kumar**, won BEST project award for "IOT based Delivery Boys Safety Control and Bike Analyzer", at State Level Seminar & Exhibition held at Bapuji Institute of Engineering and Technology Davangere on 10th and 11th August 2018, funded by Karnataka State Council for Science and Technology (KSCST).
4. **Poojashree K, Navya R, Niveditha R, Rashmi(VII Sem)** participated in 2nd AICTE-ECI-ISTE chhatra vishwakarma Awards-2018 at Acharya Institute of Technology, Bengaluru on 31st October 2018
5. **Chandana N,Geetha S Hombal,Safura Zohareen,Umehani A (V Sem)** participated in 2nd AICTE-ECI-ISTE chhatra vishwakarma Awards-2018 at Acharya Institute of Technology, Bengaluru on 31st October 2018
6. **Shravya P N,Deeksha Harish,Anjali N Menon,Kavya I (V Sem)** participated in 2nd AICTE-ECI-ISTE chhatra vishwakarma Awards-2018 at Acharya Institute of Technology, Bengaluru on 31st October 2018
7. **Vinutha M, Spoorthi M (III Sem)** participated in Three Day Entrepreneurship Awareness Camp, GSSSIETW, Mysuru from 9th to 11th Oct 2018
8. **Kavya S Bhat (VII Sem)** Won first Prize in Third National Level Code Debugging Event of "Code Igniter-2018", GSSSIETW, Mysuru on 22nd September 2018
9. **Chinmayi S,Spoorthi M,Sona Ganesh G. (III sem)** participated in Third National Level Project Innovation Event of "Code Igniter-2018", GSSSIETW, Mysuru on 22nd September 2018
10. **S.Jayalakshmi, Anjali N.Menon(V Sem)** participated in Third National Level Project Innovation Event of "Code Igniter-2018", GSSSIETW, Mysuru on 22nd September 2018.
11. **Chinmayi S,Sushmashree B.S,Ganashree G ,Thejaswini K.M ,Spoorthi M,Sona Ganesh G,Pranathi (III Sem)** participated in Third National Level Technical Debate Event of "Code Igniter-2018", GSSSIETW, Mysuru 22nd September 2018.
12. **Shreya M.G,Madhurya Aithal,Varsha S,Maria Christel,Anjali N.Menon(V Sem)** participated in Third National Level Technical Debate Event of "Code Igniter-2018", GSSSIETW, Mysuru 22nd September 2018.
13. **Spoorthi M,Sona Ganesh G. (III sem)** participated in Third National Level Technical Poster Presentation Event of "Code Igniter-2018", GSSSIETW, Mysuru on 22nd September 2018.
14. **Chinmayi S, Meghana Jayaram (V sem)** Participated in Inter-Collegiate Climate and Environment Science Quiz 2018 ", 11th September 2018

15. Shishira N Kashyap(VII Sem), selected as Youth Delegate to represent India at the Indo Lankan Youth Exchange Program from 12th August 2018- 20th August 2018.

16. Amulya(III Sem),Chandana A.N (V sem) participated in Manthan-2018, organized by FKCI, Bengaluru on 1st June 2018.

PROFESSIONAL ACTIVITIES UNDER TECHNICAL FORUM

The department has a student forum named INFONITE (Information Infinite) set up in the year 2011. The forum provides platform for students to showcase their technical abilities beyond the ambit of academics. INFONITE conducts Annual Technical Fest. Technical symposiums and guest speakers from wide areas of technical research and development to mark this event. Various technical events like Quiz, On Spot Programming, Paper Presentation, and Technical Debate are conducted.

Three Day Skill Development Program on “ MONOSEK FORENSIC AND CYBER SECURITY ”



Three Day Skill Development on “ MONOSEK FORENSIC AND CYBER SECURITY ” was organized in association with Nihon Communications Solutions Private Limited , Bengaluru for 7th Semester Students from 24th to 26th of September 2018.

Talk on “Recent technology in IT Industry”



Talk on “Recent technology in IT Industry” for VII Semester Students by Rakesh K, Chief Human Resource Officer, Arohaka Technologies Pvt. Ltd on 13th September 2018

Practical approach on “Open Source Database Management software Tools”



A Practical approach on “Open Source Database Management software Tools” was organized for V Semester by Mr.Tejas, Analyst Programmer, ndVOR IT Solutions, Bengaluru on 13th October 2018

Technical Talk on “Recent technology in IT Industry”



Technical Talk on “Recent technology in IT Industry” was organized for III Semester by Rakesh K, Chief Human Resource Officer, Arohaka Technologies Pvt. Ltd on 13th October 2018

Technical Talk on “ERP tool - SAP”



Technical Talk on “ERP tool - SAP” by Syed , Nischith, Panchami , IT- Champs Software Pvt. Ltd., Mysuru on 3rd September 2018

Practice Session on “Web Technology”



A Practice Session on “Web Technology” for VII Semester Students by Sahana R, Unilog, Mysuru on 8th September 2018.

Talk on “Top Five Emerging Techniques in IT Industry and Challenges in a Corporate Field”



Talk on “Top Five Emerging Techniques in IT Industry and Challenges in a Corporate Field” for V Semester Students by Mrs. Amulya, Senior Associate Software Engineer, GENPACT Engg. Head Strong Capital Markets on 18th September 2018

Technical Talk on “ Programming Skills in C ”



Technical talk on “ **Programming Skills in C** ” for IV Semester Students was conducted by Mr. Sendhil Kumar P S, Senior Team Lead, Theorem, Mysuru on 18th August 2018.

Three Day Skill Development Program on “Network Traffic Analysis in Real time Using Monosek”



Three Day Skill Development on “Overview of Network Forensics & Monosek was organized in association with Nihon Communications Solutions Private Limited , Bengaluru for 5th Semester Students from 1st to 3rd of August 2018

Parent Teachers Meeting



Dr. Reshma Banu, Prof. and Head, Dept of Information Science & Engineering interacting with the parents.



Mr Anand M, Asst. Professor, Dept of ISE interacting with parents

Parent Teachers Meeting was organized on 27th October 2018. Parents of 4th, 6th and 8th Semesters students attended the meeting in the department. HOD interacted with the Parents of the students along with the class coordinators, counselors about the performance of the students in the internals and attendance status. Parents gave their valuable feedback and suggestions also appreciated the facilities provided to their wards by the department, like technical talks, and industrial visits and placements. They suggested for such meetings in the future which will help them to know about their wards performance on a regular basis.