



Department of Information Science and Engineering

Sai Vidya Institute of Technology

Rajanukunte, Bengaluru 560 064

PATRIKA

News Letter

(Aug 2017-July 2018)

Vision

**Architect DEDICATED and INTELLIGENT Information
Technology Engineers to address evolving
GLOBAL NEEDS**

Mission

**To provide quality education in information
science engineering by creating and nurturing
innovative and technologically steadfast learning
environment.**

**To inculcate moral ethics in students enabling
them to become socially committed professionals
with leadership qualities.**

Director's Message



I am glad to note that Department of Information Science and Engineering, SVIT is bringing out Department Newsletter. I appreciate the enthusiasm of eminent members of the Department who have contributed to the Newsletter. Department newsletter definitely provides a platform to showcase the activities and achievements of the students and staff. This newsletter has recorded achievements and activities of Department of Information Science and Engineering such as: conferences attended by staff members and students, competitions won by students, innovative projects carried out by students with the guidance of staff, among others. I wish the students and staff of Department of Information Science and Engineering, all success.

- Prof. M R Holla

Principal's Message



I am extremely happy to know that the Department of ISE is bringing out newsletter for the academic year 2017-18 & this is an ongoing process portraying the various Departmental activities. It is great to find a considerable number of achievements in academic and non-academic activities which certainly prove that our staff and students are adequately equipped and possess necessary skill-sets to bring laurels to the institution. I wish that this number may grow in the years to come. My Congratulations to ISE team.

- Dr. H S Ramesh Babu

Mentor's Message



In the capacity of mentor to department of Information Science and Engineering and Dean Students affairs SVIT, I am delighted to present the newsletter of department of Information Science and Engineering. With core emphasize on academics, Department of Information Science and Engineering also motivates and nourishes students and staff members in co-curricular and extracurricular activates. The achievements and activities conducted in department are relevant and aligning towards achieving the vision of the department. I wish the fraternity of Department of ISE all the best and look forward for next issue of the newsletter in future.

- Prof. A M Padma Reddy
Dean (Student Affairs) & Founder Trustee

HOD's Message



“Success and failures are just stepping stones in education, in the end knowledge stands as prime, leaving everything else immaterial”

I am very pleased to present the newsletter of Information Science and Engineering Department, Sai Vidya Institute of Technology, Bengaluru. This new endeavour is the result of the efforts put in by a dedicated team of teachers and students. The newsletter offers a platform for showcasing our activities and sharing the journey of our department. I hope everyone will find this issue as exciting and interesting.

- Dr. Vrinda Shetty

News Letter Editors

Prof. Abhijith H V

Prof. Amogh P K

Faculty

Dr. Vrinda Shetty

Professor and Head

Prof. Mary M D'souza

Assistant Professor

Prof. Amogh P K

Assistant Professor

Prof. Harisha D S

Assistant Professor

Prof. Abhijith H V

Assistant Professor

Prof. Madhuri M

Assistant Professor

Prof. Mamatha E

Assistant Professor

Prof. Kamala L

Assistant Professor

Prof. Aishwarya G Patil

Assistant Professor

Advisory Board Members

Prof. A M Padma Reddy

Founder Trustee & Dean
(student Affairs), SVIT

Dr. H S Ramesh Babu

Principal, SVIT

Dr. Manjunath T N

HOD, Dept. of ISE, BMSIT

Dr. Keshavamunegowda

Principle Architect, Del EMC²

Mr. Ashok Gowda

Software Consultant

Mr. Goutham R

Alumnae (2008-2012 Batch)

Ms. Poornima Hegde

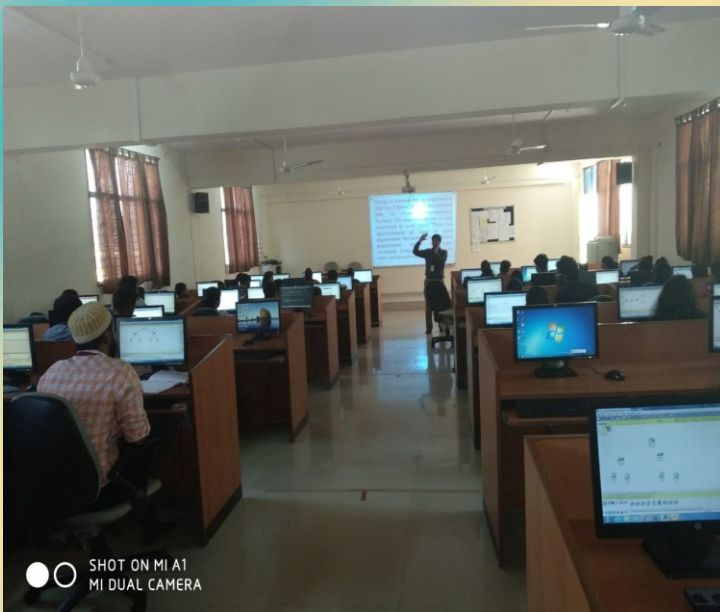
Alumnae (2011-2014 Batch)

Events Conducted



Department of Information Science & Engineering Organized one week internship for 5th and 7th semester students at BSNL Regional Telecommunication Training Center (RTTC), Mysuru from 22/01/2018 to 27/01/2018.

The main focus of this internship is to train the students from industry perspective and create industry academic interaction.



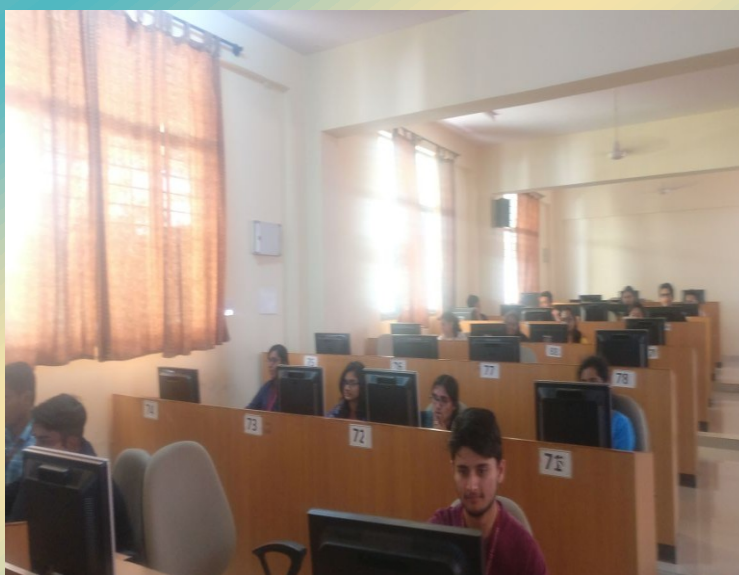
One Day Hands-on Workshop on Cisco Packet Tracer and Wireshark was conducted for 6th Semester ISE Students on 15th February 2018. The main focus of workshop is to practically train the students in the field of computer networks.



Two Days Hands-on workshop on Network Simulator-2 was conducted for 5th Semester ISE students during 31st August 2017 and 1st September 2017.



Workshop on Python Application Development was organized during 22nd January 2018 to 25th January 2018. Faculties from other institutions, Faculties from the department and final year students participated in the workshop.



Workshop on C++ Programming was conducted for 4th Semester ISE students during 1st February 2018 to 6th February 2018.



Essay Competition was conducted for ISE students on the topic Smart water management on 12th February 2018 as a part of forum activity.

Technical Dumb cards was conducted on 14th August 2017 as a part of Forum Activity.



Two Days workshop on Web Development along with talk on privacy was organized in association with Free Software Movement Karnataka on 10th and 11th February 2018.

Students Paper with Faculty

Sl. No	Name	USN	Guide	Title of the Paper	Conference/Journal	Month & Year
1	Devang S Mistry	1VA14IS019	Prof. Harisha D S	Accident and health attack detection to reduce patient's processing Time	National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru.	May 2018
2	Abhishek Singh Yadav	1VA14IS003				
3	Priyanka Sarangi	1VA14IS039				
4	H G Aishwarya	1VA14IS024	Dr. Vrinda Shetty	IT Infrastructure Monitoring System	National Conference on Emerging Trends in Engineering Technology and Applied Research, MS Engineering College, Bengaluru.	May 2018
5	Meghana M	1VA14IS032				
6	Sripadha M	1VA14IS053				
7	Harshitha D P	1VA14IS025	Prof. Amogh P K	Drive Mode Application for Road Safety	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	May 2018
8	Amrutha Devidas Shetty	1VA14IS009				
9	Amogh M B	1VA14IS008				
10	P N Rachana	1VA14IS036	Prof. Mamatha A	Cloud based web application supporting vehicle toll payment system	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	May 2018
11	Brunda P Hiremath	1VA14IS015				
12	Ashwini T N	1VA14IS012				
13	Savitha D G	1VA14IS043				
14	D S Deepti	1VA14IS017	Prof. Aishwarya G Patil	Design of Intelligent Management System for Agricultural Greenhouse Based on IOT	National Conference on Recent Trends in Computer Science & Engineering, SJB Institute of Technology, Bengaluru.	May 2018
15	Sandhya N M	1VA13IS038				
16	Shilpa N	1VA13IS043				
17	Shwetha A	1VA13IS045				
18	Mahesh Kumar P	1VA14IS031	Prof. Mamatha E	Accident Prevention System for Vehicles using V2V	National Conference on Advances in Computing and Information Technology, School of	May 2018
19	Adithya S	1VA14IS004				

20	Harshini C M	1VA14IS058		Communication	Computing & Information Technology, REVA University, Bengaluru.	
21	Priyanka L	1VA14IS038				
22	Jerry Gyaneshwar Rao	1VA14IS027	Prof. Harisha D S	A light weight secure datasharing scheme for mobile cloud computing	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	May 2018
23	Naveen Kumar	1VA14IS033				
24	B Akhil Kumar Reddy	1VA14IS013				
25	K N Nithyashree	1VA14IS028	Prof. Abhijith H V	IOT based oil spill detection system	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	May 2018
26	Disha Prakash Achari	1VA14IS020				
27	Nisha Sudhakar Chantar	1VA14IS035				
28	Akanksha D Hegde	1VA14IS006				
29	Akhila Vishwanath	1VA14IS007	Prof. Kamala L	Location based navigation and obstacle detection system with voice alerts for blind	<ul style="list-style-type: none"> 2nd International Conference on Mechanical, Civil, Electronics & Communication Engineering, Computer Science & Engineering, Bangalore Technological Institute, Bengaluru. International Journal of Advanced Research Trends in engineering and Technology 	April 2018
30	Sneha Damodaran	1VA14IS049				
31	Sharmila T S	1VA14IS045				
32	Sudha B Hegde	1VA14IS055				
33	Shreya J Kumar	1VA14IS046	Prof. Abhijith H V	IOT Based System to Prevent Illegal Logging of Trees	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	May 2018
34	Jayashree M	1VA14IS026				
35	Ashwin R	1VA14IS011				
36	Abhijeet Suman	1VA14IS002				
37	Pallavi S	1VA14IS037	Prof. Mary M Dsouza	Speech controlled	National Conference on	May

38	Shubhashree S	1VA14IS047		home automation using android Smartphone for physically challenged	Recent Trends in Computer Science & Engineering, SJB Institute of Technology, Bengaluru.	2018
39	Sneha R	1VA14IS051				
40	Lakshmi P S	1VA14IS030				
41	A Lekha Reddy	1VA14IS001	Prof. Madhuri M	Hardware Acceptance test software for main processor card under Avionics	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology, Sri Venkateshwara College of Engineering, Bengaluru.	May 2018
42	Aishwarya Sudhakar Shetty	1VA14IS005				
43	Rakesh R	1VA13IS034				
44	Ganesh G Srinivas	1VA14IS022				
45	Sreevatsa H S	1VA14IS052	Prof. Amogh P K	Ambulance tracking system	National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru.	May 2018
46	Raj Rohit Yadav	1VA14IS041				
47	Girish Jambagi	1VA14IS023				

Faculty Achievements

List of awards received by Dr. Vrinda Shetty, Professor and HOD ISE dept. during the academic year 2017-18.

Sl.No	Name of the award	Details of the award
1	"Emerging Leader in Engineering Award"	Received the award on 6 th January 2018 during the Higher Education Leadership meet (HELM) 2018
2	"Outstanding Woman in Engineering"	Received the award on on 3 rd March 2018 during 3 rd Annual Women's Meet-AWM 2018.
3	"Research Excellence Award"	Awarded by Institute for Exploring Advances in Engineering(IEAE)
4	"Best Teacher Award"	Awarded by Institute for Exploring Advances in Engineering (IEAE)



Faculties Receiving Teaching Excellence Awards during First Year Inauguration Function 2018



Dr. Vrinda Shetty



Prof. Abhijith H V



Prof. Amogh P K



Prof. Madhuri M

Students Achievement

**Mahesh Kumar P of 8th Semester ISE is selected to RCB for IPL
2018 as Reserved Player.**

HEARTY CONGRATULATIONS

MAHESH KUMAR P
(ISE 8th Semester)

**Selected To RCB
for IPL 2018**
(Reserved Player)

Management, Principal, Staff and students of SVIT

MOOC Certification Details

Sl.No	Faculty Name	No. of MOOC Courses
1	Prof. Mary M D'Souza	01
2	Prof. Harisha D S	02
3	Prof. Abhijith H V	08
4	Prof. Madhuri M	01
5	Prof. Mamatha E	01
6	Prof. Kamala L	01

Faculty Publication

Prof. Mary M D'Souza

- "Replication Techniques in Cloud", IJOER, 2017

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Prof. Abhijith H V

- "Intelligent boundary determination of oil spill detection using IOT", International Conference on Internet of Things and Connected Technologies, (Elsevier Conference), 26-27 March 2018, MIT, Jaipur. **Elsevier SSRN: <https://ssrn.com/abstract=3167315>**
- "Intelligent Agriculture mechanism using Internet of Things", Sixth International Conference on Advances in Computing, Communications and Informatics (ICACCI'17), 13-16 September 2017, Manipal Institute of technology, Manipal, Karnataka. **IEEE Xplore DOI:978-1-5090-6366-6/17**
- "Intelligent Oil Spill Detection in Ocean Using Internet of Underwater Things", Tata McGraw Hill Grenze International Journal of Computer Theory and Engineering , Special issue 2017, **Tata McGraw Hill Grenze ID: 01.GIJCTE.3.4.28**, Pg:189-194

- “Intelligent Oil Spill Detection in Ocean Using Internet of Underwater Things”, International Conference on signal, Image processing, Communication and Automation, 6 -7 July 2017, JSSATE, Bangalore.

Prof. Mamatha E

- “Replication Techniques in Cloud”, IJOER, 2017

Prof. Kamala L

- “Control on Remote Sensing Network Using Cloud Computing Services”, IRJET, 2017

