

# ***SAMEEKSHA***

(Aug 2017-July 2018)

## **Vision**

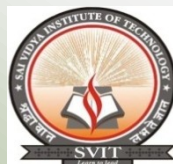
Architect dedicated, skilled and intelligent Computer Engineers to architect strong India and the world

## **Mission**

To provide quality education in computer science by promoting excellence in Instruction, Research and Practice.

Promote Professional interaction and Lifelong Learning

Encourage the youths to pursue career in Computer domain with modern innovation and ethics.



**Department of Computer Science and Engineering**

**Sai Vidya Institute of Technology**

Rajanukunte, Bengaluru 560 064

## Director's Message



*I am delighted to note that Department of Computer 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 Computer 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 Computer Science and Engineering, all success.*

**- Prof. M R Holla**

## Principal's Message



*I am extremely happy to know that the Department of CSE 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 CSE team.*

**- Dr. H S Ramesh Babu**

## Mentor's Message



*I am delighted to present the newsletter of department of Computer Science and Engineering. With core emphasize on academics Department of Computer 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 CSE 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



*The Department of Computer Science & Engineering has recorded consistent improvement in its academic and placement performance. It offers a range of innovatively designed programs to meet the changing requirement of the industry. During study at the department, the students are encouraged to get hands-on experience from basic programming till corporate standards. They are made to sink with the present day corporate world through mini projects, internship projects and workshops. The students are also motivated to participate in co curricular activities. The curriculum is taught by a distinguished faculty combining academic excellence and real world experience with dedication and commitment. With this brief introduction, I welcome you to be a part of our journey towards being a world class centre of excellence in education, training and research.*

**Prof. Sreelatha P K**  
**HOD(I/C)**

## Editorial Board

### Chief Editor

Prof. Sreelatha P K

### Editorial Board Members

Prof. Deeksha Hegde B

Prof. Meghashri E M

## Advisory Board Members

### Dr. H S Ramesh Babu

Principal, SVIT

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Professor and Head, CSE, BMSIT&M

### Mr. Ganesh Shyam

Alumnae (2011-2014 Batch)

### Ms. Shruthi Yashavanth

Alumnae (2011-2014 Batch)

## Faculty

### Prof. A M Padma Reddy

Founder Trustee & Dean (student  
Affairs), SVIT

### Prof. Sreelatha P K

Assistant Professor

### Prof. Deepak M

Assistant Professor

### Prof. Nagashree C

Assistant Professor

### Prof. Deeksha Hegde B

Assistant Professor

### Prof. Meghashri E M

Assistant Professor

### Prof. Nagmahesh B S

Assistant Professor

### Prof. Srivinay

Assistant Professor

### Prof. Sukruth Gowda M A

Assistant Professor

### Prof. Bhavya M

Assistant Professor

### Prof. Mamatha A

Assistant Professor

# Events Conducted



Department of Computer 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 6<sup>th</sup> Semester CSE Students on 15<sup>th</sup> February 2018. The main focus of the 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 5<sup>th</sup> Semester CSE students during 31<sup>st</sup> August 2017 and 1<sup>st</sup> September 2017.



Workshop on Python Application Development was organized during 22<sup>nd</sup> January 2018 to 25<sup>th</sup> 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 4<sup>th</sup> Semester CSE students during 1<sup>st</sup> February 2018 to 6<sup>th</sup> February 2018.



Essay Competition was conducted for CSE students on the topic Smart water management on 12<sup>th</sup> February 2018 as a part of forum activity.

Technical Dumb chards was conducted on 14<sup>th</sup> 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 10<sup>th</sup> and 11<sup>th</sup> February 2018.

## Students Paper Publications 2017-18

Sl. No	Name	USN	Guide	Title of the Paper	Conference/Journal	Month & Year
1	1VA14CS007	Chaitanya Smruthi M	Prof Meghashri E M	BackUp Lite	NCCC-2K18 Organized by The Department of Computer Science & Engineering at BTL Institute of Technology	4 <sup>th</sup> May 2018
2	1VA14CS021	Kunal Kishan Sehra				
3	1VA14CS056	Thoudam Vijayalaxmi				
4	1VA14CS066	Keerthipriya G Kurtakoti	Prof Deepak M	Enhancement of Image using Fuzzy Logic & Optimization in processing using Artificial Bee Colony	International Conference on Recent Engineering and Technology, New Horizon College of Engineering	5 <sup>th</sup> May 2018
5	1VA14CS001	A Gayathri				
6	1VA14CS012	Grace Merline F				
7	1VA14CS024	Maan Bahadur K P	Prof Nagamahesh B S	A Smart Real-Time Solution Towards Enhancing EMS Prehospital Quality	NCSEM -2K18,The Oxford College of Engineering	24 <sup>th</sup> & 25 <sup>th</sup> May 2018
8	1VA15CS404	Sandhya M				
9	1VA14CS023	M.Shiva Prasad Reddy				
10	1VA14CS064	Dhiraj P	Prof. Nagashree C	IOT Based Anti-Poaching Alarm Systems for Trees in forest using Wireless Sensor Networks	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	11 <sup>th</sup> May 2018
11	1VA14CS067	Kiran R				
12	1VA15CS405	Santosh Kumar				
13	1VA14CS010	Ghousia Sultana B				
14	1VA14CS016	Jagadish R	Prof Srivinay	Autonomous Vehicle with the Aid of Computer Vision	National Conference on Advances in Computing and Information Technology, School of Computing &	11 <sup>th</sup> May 2018
15	1VA14CS031	Nadiya Noor Syed				
16	1VA14CS025	Mahesh Lingappa				



17	1VA14CS054	Syed Matheen Pasha			Information Technology, REVA University, Bengaluru.	
18	1VA14CS061	Veeresh M Patil	Prof. Meghashree E M	Crowd sourcing Based Disaster Management using Cloud Computing in Internet of Things Paradigm	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	11 <sup>th</sup> May 2018
19	1VA14CS065	Karthik K				
20	1VA14CS002	Ambika.R				
21	1VA14CS028	Meghashree R M				
22	1VA14CS038	Pragathi S N	Prof. Deeksha Hegde B	Smart Street Light Management to Reduce Energy Consumption	National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru.	7 <sup>th</sup> & 8 <sup>th</sup> May 2018
23	1VA14CS062	Yeshaswini P V				
24	1VA14CS022	Lalitha.G				
25	1VA14CS040	Ramya.B.R	Prof. Deeksha Hegde B	3-Dimension Hand Motion Driven Security	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	11 <sup>th</sup> May 2018
26	1VA14CS053	Sushmitha Srinath Kenkare				
27	1VA14CS060	Vedashree V				
28	1VA12CS006	Archana S Kashyap				
29	1VA14CS008	Deeksha P Shetty	Prof Srivinay	Navigational Display	National Conference on Knowledge Discovery in Information Technology, Brindavan College of Engineering, Bengaluru.	4 <sup>th</sup> May 2018
30	1VA14CS037	Poojitha P				
31	1VA14CS048	Soundarya A N				
32	1VA14CS006	C Deepika				
33	1VA14CS050	Spurthy K T	Prof Sreelatha P K	Programmed Recognition & Notification of Potholes & mounds on roads to assist drivers	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	11 <sup>th</sup> May 2018
34	1VA14CS018	Karan K				
35	1VA14CS032	Nithin Nayak				
36	1VA14CS044	Saurabh Gang				

37	1VA14CS030	Eswar Reddy	Prof Nagamahesh B S	Patient HealthCare Monitoring System using Li-Fi	National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru.	11 <sup>th</sup> May 2018
38	1VA14CS034	P Vyshnavi Rani				
39	1VA14CS055	Tanadar Rahul				
40	1VA15CS402	Manjunatha G S				
41	1VA14CS011	Girish Karanth	Prof Deepak M	A Navigation Based Smart Parking Reservation System Using IOT	International Conference on Recent Engineering and Technology, New Horizon College of Engineering	5 <sup>th</sup> May 2018
42	1VA14CS013	Guruprasad M K				
43	1VA14CS043	Sachin Prakash				
44	1VA14CS063	Balaji K				
45	1VA14CS041	Ruchitha H C	Prof Sreelatha P K	Introduction to Dynamic Path Identifiers for Disturbed Denial of Service Flooding Attack	National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru.	7 <sup>th</sup> & 8 <sup>th</sup> May 2018
46	1VA14CS059	Varshitha.M				
47	1VA14CS403	Veena K				
48	1VA15CS401	Chaithra H				

## Faculty Achievements

SL.NO	Name	Achievements
1	Prof. Mamatha A	Young Achiever Award 2018 by IEAE

### Faculties Receiving Teaching Excellence Awards during First Year Inauguration Function 2018



Prof.Sreelatha P K



Prof. Deeksha Hegde B



Prof. Meghashri E M



Prof. Nagamahesh B S

## Students Achievement

The department has won the rolling trophy of Sanchalana-2k18.

### Academic Achievements

SL.NO	Name	USN	Achievements*
1	Deeksha P Shetty	1VA14CS008	Best outgoing student of SVIT 2018.
2	Akshatha G Krishna	1VA15CS007	VTU 85 <sup>th</sup> Rank in 5 <sup>th</sup> Sem, 54 <sup>th</sup> Rank in 6 <sup>th</sup> Sem
3	Nivedita Pandey	1VA15CS032	VTU 86 <sup>th</sup> Rank in 5 <sup>th</sup> Sem
4	Shalini	1VA15CS046	VTU 4 <sup>th</sup> Rank in 6 <sup>th</sup> Sem
5	Abhinav Kumar Abhay	1VA16CS002	VTU 27 <sup>th</sup> Rank in 3 <sup>rd</sup> Sem and 73 <sup>rd</sup> Rank in 4 <sup>th</sup> Sem.
6	Varshitha M	1VA16CS055	VTU 55 <sup>th</sup> Rank in 3 <sup>rd</sup> Sem
7	Anshuman	1VA17CS001	VTU 83 <sup>rd</sup> Rank in 1 <sup>st</sup> Sem
8	Abhinandan C	1VA17CS002	VTU 59 <sup>th</sup> Rank in 1 <sup>st</sup> Sem
9	Bhaskar N Patel	1VA17CS011	VTU 4 <sup>th</sup> Rank in 1 <sup>st</sup> Sem
10	Bhavana G	1VA17CS012	VTU 13 <sup>th</sup> Rank in 1 <sup>st</sup> Sem
11	Imran Khalid Khan	1VA17CS016	VTU 47 <sup>th</sup> Rank in 1 <sup>st</sup> Sem
12	Richa Tiwary	1VA17CS042	VTU 7 <sup>th</sup> Rank in 1 <sup>st</sup> Sem
13	Siddanth Sipolia	1VA17CS051	VTU 51 <sup>st</sup> Rank in 1 <sup>st</sup> Sem
14	Suraj Upadhya	1VA17CS054	VTU 78 <sup>th</sup> Rank in 1 <sup>st</sup> Sem

\*As per VTUconnect

### Co curricular Achievements

SL.NO	Name	USN	Achievements
1	G Krishna Chaithanya	1VA15CS014	Photography – 1 <sup>st</sup> place - Sanchalana 2k18 2 <sup>nd</sup> place- BMSIT-2018 1 <sup>st</sup> place – MLAC - 2018

2	Kavitha Badiger	1VA15CS020	Chess – 1 <sup>st</sup> Place- Sanchalana 2k18
3	Mahammed Gadi	1VA15CS027	Table Tennis 2 <sup>nd</sup> Place in Sanchalana 2k18
4	Nikitha N V	1VA15CS030	Carrom- 3 <sup>rd</sup> Place Chess -2 <sup>nd</sup> Place in Sanchalana 2k18
5	Safir Ahmed M	1VA15CS042	Carrom 2 <sup>nd</sup> place Sanchalana 2k18
6	Sharat Kumar S	1VA15CS047	Table Tennis 3 <sup>rd</sup> place -VTU Tournament
7	Suhana I	1VA15CS053	Best Out of Waste- 2 <sup>nd</sup> place- Sanchalana 2k18
	Sujatha S	1VA15CS055	Best Out of Waste- 2 <sup>nd</sup> place- Sanchalana 2k18
8	Vaibhav Metha	1VA15CS060	Table Tennis- 3 <sup>rd</sup> place -VTU Tournament
9	Bhavana K	1VA15CS064	Throwball 2 <sup>nd</sup> place - Sanchalana 2k18
10	Abhinav Kumar Abhay	1VA16CS002	3rd place in Technical Quiz in REVA UNIVERSITY. Paper Presentation 3 <sup>rd</sup> Place - Techvidya 2k17
11	Anirudh M V	1VA16CS007	Photography- 1 <sup>st</sup> place - Techvidya 2k17 2 <sup>nd</sup> place -Sanchalana 2k18
12	Punith Prabhakara	1VA16CS040	Singing- 2 <sup>nd</sup> place- Sanchalana 2k18
13	Aishwarya G	1VA16CS064	1 <sup>st</sup> place- play electrical, tech-quiz Techvidya 2k17

## **MOOC Certification**

<b>Sl.No</b>	<b>Faculty Name</b>	<b>No. of MOOC Courses</b>
1	Prof. Sreelatha P K	01
2	Prof. Deepak M	01
3	Prof. Nagashree C	02
4	Prof. Deeksha Hegde B	01
5	Prof. Meghashri E M	02
6	Prof. Nagmahesh B S	01
7	Prof. Mamatha A	01

# Faculty Publication

## Prof. Sreelatha P K

- “Programmed Recognition & Notification of Potholes & mounds on roads to assist drivers”, National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru, May 2018.
- “Introduction to Dynamic Path Identifiers for Disturbed Denial of Service Flooding Attack”, National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru, May 2018.

## Prof. Deepak M

- “Enhancement of Image using Fuzzy Logic & Optimization in processing using Artificial Bee Colony”, International Conference on Recent Engineering and Technology, New Horizon College of Engineering , May 2018.
- “A Navigation Based Smart Parking Reservation System Using IOT”, National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru, May 2018.

## Prof. Nagashree C

- “IOT Based Anti-Poaching Alarm Systems for Trees in forest using Wireless Sensor Networks”, National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru, May 2018.

## Prof. Deeksha Hegde B

- “Smart Street Light Management to Reduce Energy Consumption”, National Conference on Advancements in Information Technology, JSS Academy of Technical Education, Bengaluru, May 2018.
- “3-Dimension Hand Motion Driven Security “, National Conference on Advances in Computing and Information Technology, School of

Computing & Information Technology, REVA University, Bengaluru, May 2018.

### **Prof. Meghashri E M**

- " Crowd sourcing Based Disaster Management using Cloud Computing in Internet of Things Paradigm ", National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru, May 2018.
- "BackUp Lite", NCCC-2K18 Organized by The Department of Computer Science & Engineering at BTL Institute of Technology, May 2018.

### **Prof. Nagmahesh B S**

- "Patient HealthCare Monitoring System using Li-Fi", National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru, May 2018.
- "A Smart Real-Time Solution Towards Enhancing EMS Prehospital Quality", NCSEM -2K18, The Oxford College of Engineering, May 2018.

### **Prof. Srivinay**

- "Navigational Display", National Conference on Knowledge Discovery in Information Technology, Brindavan College of Engineering, Bengaluru, May 2018.
- "Autonomous Vehicle with the Aid of Computer Vision", National Conference on Advances in Computing and Information Technology, School of Computing & Information Technology, REVA University, Bengaluru, May 2018.