Sai Vidya Institute of Technology
Department of Information Science & Engineering
NEWS LETTER 2016-17

Learn to Lead

Department Vision

Architect dedicated and intelligent information technology engineers to address evolving global Needs.

Department 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.

PEO's

- Serve as IT professional with proficiency in developing solutions to information engineering Problems.
- Pursue higher education, research and preserve the essence of life long learning.
- Exhibit high standards of social and professional ethics entrepreneurship and leadership Qualities.

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 endeavor 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 exciting and interesting.

I look forward to many more enriching issues of the newsletter in the future."

Dr. Vrinda Shetty

ISE STAFF

Dr.Vrinda Shetty,

HOD, Dept.of ISE

Prof. Deepak Raj,

Prof.Mary M D'Souza,

Asst.Prof, Dept.of ISE

Asst.Prof, Dept. of ISE

Prof. Harisha D S,

Asst.Prof, Dept.of ISE

Prof. M,   **Madhuri**

Asst.Prof, Dept. of ISE

Prof. Aishwarya G Patil,

Asst.Prof, Dept.of ISE

Prof. Kamala,

Asst.Prof, Dept.of ISE

Prof. Mamatha E,

Asst. Prof, Dept.of ISE

Prof. Abhijith H V,

Asst.Prof, Dept.of ISE

Conferences/Symposium/ Seminars/
Workshops Conducted:
NS2 Workshop – 22nd & 23rd August 2016

As part of the forum activity, NS2 workshop was conducted for final year students of ISE on 22nd and 23rd August 2016. Resource persons included Dr. Shivmurthy G, HOD, Dept., of MCA, VIAT, Muddenahalli and Prof. Yogesh N, Assistant Professor, Acharya Institute of Technology. The aim of this workshop was to give hand-son experience on network simulator version 2. The sessions delivered, provided deeper insight into the subject and was well appreciated by the participants.

Resource person delivering talk on Network simulator

Hands on session - NS2

"Design & Analysis of Algorithms (JAVA) and Microprocessor Laboratory" Workshop

Department of Information Science & Engineering, SVIT had organized a five day workshop on Design and analysis of Algorithms (Java) and Microprocessors laboratory, in association with Advanced Electronic Systems from January 23rd to 29th, 2017 at SVIT.

Dignitaries on the dais

Workshop content was designed to introduce the revised syllabus of DAA and Microprocessors laboratories. About fifty participants attended the workshop. Mr. J. Kasinathan, Managing Partner, Advanced Electronic Systems, was the chief guest of the inaugural function, with Prof. A. M. Padma Reddy, Trustee, Dean Student Affairs, SVIT was the guest of honor. Prof. M. R. Holla, Director, SVIT, presided over the inauguration.

Dr. Ramesh Babu, Principal, SVIT, Dr. Mohan. K. G, Head, Dept of CSE, SVIT and Dr. Vrinda Shetty, Head, Dept of ISE were present. In his key note address, the chief guest explained the scope of embedded programming and gave insights into emerging areas and problems for research.
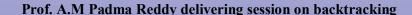
The principal explained the need of faculty development programs in keeping engineering college faculty updated and at par with emerging technologies. Prof. Padma Reddy spoke about honing teaching skills in technical colleges to make teaching learning process effective. Prof. M. R. Holla spoke about the importance of institute-industry interaction in keeping college learning most relevant to industry needs.

Mr. J. Kasinathan delivering the key note address

Topics covered under Design and Analysis of Algorithms were, introduction to fundamentals of Java programming language, managed by Prof. Nagamahesh, Introduction to DAA and backtracking technique by Prof. A. M. Padma Reddy, Sorting algorithms, by Dr. Vrinda Shetty, Graph algorithms by Prof. Amogh P K and Prof. Vikramaditya J M, dynamic programming and greedy algorithms by Prof. Deepak Raj.

Microprocessor sessions were conducted by Dr. K.G. Mohan, HOD, Dept. of CSE. His sessions included introduction to ARM Processor, ARM Architecture and the instruction set. There were hands on sessions conducted by Prof. Pavan Kumar E, Dept. of ECE and Experts from ALS.

Prof. A.M Padma Reddy delivering session on backtracking

OBE Admin Setup by Dr. K.G. Mohan

Outcome Based Education Administrative setup was proposed by Dr. K.G. Mohan, HOD, Department of Computer Science and Engineering on Feb 13th 2017. The objectives of this was to introduce need for Administrative setup, various committees for OBE implementation. There was also discussion on framing SVIT Quality Assurance Cell (SQAC), Program Assessment Committee (PAC), Program Coordinator, Module Coordinator and Course Coordinator from each department to achieve the expected outcomes.

Dr. K.G. Mohan delivering talk on OBE admin set-up

Technical Talk on Compilers

A Technical talk was arranged by Department of CSE and ISE on the concept of **"Compilers"** by Dr. Basavaraj Anami, Principal, KLEIT, Hubli on March 2nd, 2017 for pre-final year students of ISE. The key person explained the theoretical details like what goes on and what is required to build a compiler and what are its parts, phases of a compiler, differences/similarities between interpreters, compilers, assemblers, translators etc.

Dr. K. G. Mohan addressing students of pre-final year

Dr. Basavaraj Anami delivering a talk on importance of compilers

Topper's Meet

Department of Information Science & Engineering has practice of organizing 'Toppers Meet' every semester to motivate the students for achieving outstanding performance in the university examination. Every semester 10 toppers from each class are felicitated.   meet for odd semester of academic year 2016-17 was organized on 3rd March 2017. Director, Principal and HOD's of CSE &ISE Department graced the occasion.

Dignitaries on the Dias

The Toppers meet for odd semester of academic year 2016-17 was organized on 3rd March 2017. Director, Principal and HOD's of CSE &ISE Department graced the occasion.

Prof. M.R. Holla, Director, SVIT addressing the gathering

Prof. M.R. Holla, Director, SVIT motivated students by stating examples of various achievers.

Toppers receiving awards from dignitaries

Addressal of Department PO, PEO, Vision and Mission to students

Dr. Vrinda Shetty, HOD, Department of ISE addressed all the students of ISE Department of all the semesters about the Department Vision, Mission, Program Outcomes and Program Educational Objectives on 3rd March 2017. The ultimate purpose of this was to educate students on outcome based education and its importance.

Graduation Day – 20th May 2017

Sai Vidya Institute of Technology had organized Graduation Day for final year students on May 20th, 2017. Dr. P.Sadananda Maiya, Director, Maiyas Beverages and foods private limited was invited as chief guest. Function was presided by Prof. M.R.Holla, Director, SVIT, Sri. R. Srinivas Raju, Secretary, SSVVSS and Dr. Ramesh Babu H S, Prinicpal SVIT. Best outgoing students were nominated from each department based on rubrics formed by the management of SVIT. Nominated students were further interviewed by the Principal and management to select one student as the best outgoing student for the academic year 2017.

From Department of Information Science and Engineering, Ms. Poojitha V Ram was nominated. All

the best outgoing students nominated from each department were felicitated with certificate and memento and all the final year students were felicitated with a certificate.

Prof. R.C.Shanmukha Swamy, Trustee felicitating Ms. Poojitha V Ram.

Technical Talk on IOT – 13th May 2017

Department of ISE had conducted a technical talk on **"Internet of Things"** on 13th May 2017 for final year and pre-final year students of ISE. The resource person was Mr. Basavaraju B V, Technical Lead, Honeywell. He provided an insight on the concepts, importance of IOT. Few ideas for students based projects were also proposed

Resource person delivering talk on IOT

TCS Tech Bytes – 14th March, 2017

TCS in association with BITES conducts a National Level Technical Quiz every year. The TCS Tech Bytes state level quiz initial round was conducted on 13th Feb 2017, at SVIT from Department of ISE as part of the forum activity., TechnICS. 10 teams were selected for the regional round and 1 team from Department of ISE were the runners at zonal level competetion which was held on 14th March , 2017 at SIT, Tumkur.

The program was started with formal inauguration at 10.45AM and the program was inaugurated by Principal, **Dr. Ramesh Babu H S** by addressing the students about the importance of interacting with seniors and current opportunities and expectations of the industry. The HOD of Department of ISE attended the inauguration program.

Inauguration of Alumni Interaction Day

Runner's in TCS Tech Bytes Regional Round

Vishnu J Kumar addressing students

Alumni Interaction Day – 6th May, 2017

Alumni interaction day was conducted in SVIT Campus on 6th MAY 2017 for final (8th sem) and pre-final year (6th sem) students of CSE & ISE department. The program was jointly organized by both the departments. Alumni's who are working in different domains have participated in an interaction program with their juniors. The following alumni's attended the program.

Vishnu J Kumar, Senior software Engineer, HCL

Aditya Shyama, Software Engineer , CERNER

Anoop Devaru, Senior Quality Analyst, Epsilon

Navaneeth, Consultant and Reporting lead, ATOS

Nishanth H, Senior software Engineer, L&T

Smart India Hackathon

An initiative by Government of India, MHRD, "Smart India Hackathon 2017", event was held at JSS Noida. 6 students of Department of ISE, Mr. Shashank S, Mr. Somen Panda, Ms. Ritu Parajuli, Mr. V Varun Raj, Mr. Harish S K, Ms. M B Alka, of 4th semester were shortlisted for grand finale. The management of SVIT was kind enough to sanction Rs.30,000/- for the entire team.

Participants at Smart India Hackathon

Forum Activities

"**TechnICS**", the department forum from Department of CSE and ISE was started in 2012-13 under the guidance of Dr Latha C A and Dr. Vrinda Shetty. TechnICS has helped the students to inculcate leadership qualities and improve technically. It plays a useful and stimulating role by encouraging and motivating students apart from classroom learning. The objectives of TechnICS are as follows:

- To plan and organize technical programs and activities such as quiz, workshops, seminars etc for the benefit of students

- To provide a common platform for the students to exchange ideas and information on the topics of their interest.

- To encourage team work and the spirit of self – reliance among the students

In the year 2016-17 several events were conducted as part of the forum activities.

Technical Dumb Charades

Other activities conducted as part of the forum includes quiz, techtalk, qualitative and verbal aptitude, essay writing, paper presentations, technical collage and group discussions. Contestants are judged for their performance and winners are presented certificates at the end of every semester. Faculty members who are part of the forum, manage and empower student representatives in planning and managing all forum related activities.

Students playing technical Dumb Charades
Winners in forum events being felicitated

Project Exhibition 2016-17

Sai Vidya Institute of Technology had conducted project exhibition for students of final year of all the branches. Exhibition was conducted on 18th may 2017. Dr. Manjunath T.N, HOD,ISE, BMSIT was invited as judge for deciding the best project in Department of ISE.

Industrial Visit

Department of Information Science & Engineering had organized industrial visit for students of 5th Semester. 48 students and 2 staff members visited ISRO Telemetry station located at Peenya.

DON'T WATCH THE CLOCK;
DO WHAT IT DOES.
KEEP GOING

Sam Levenson

Dr.Manjunath T N being welcomed by Dr.Vrinda Shetty, Head department of ISE

GRADUATION DAY GROUP PHOTOS 2017

Department of Information Science and Engineering (2013 - 2017)

FACULTY ACHIEVEMENTS:

Dr. Vrinda Shetty Prof. & HOD ISE dept. has been awarded as "**Senior Woman Educator & Scholar Award**" in **4th Women's Day Awards powered by National Foundation for Entrepreneurship Development** scheduled on **8th March 2017 at Coimbatore.**

PROF. AMOGH PRAMOD KULKARNI

1. **Delivered a technical talk on Hadoop and Pig at an FDP on "Big Data & Hadoop" held on 26th & 27th July 2017 at Reva University.**

2. **Delivered an expert talk on B trees & B+ trees at dept. of Information Science & Enggineering, BMSIT on 6th May 2016.**

3. **Rendered technical support and was SME for setting up of MOODLE at BMSIT on 7th April 2016.**

SPORTS ACHIEVEMENTS OF STUDENTS

Mahesh Kumar P, 5th sem ISE Department represented KSCA under 19 & 21 Years, Karnataka State Cricket team and Participated in Talent Hunt for Mysore Warriors, KPL Team (Karnataka Premier League) 2016 -17.

The following students represented our college sports teams and participated in VTU Bengaluru North Zone, Single Zone inter collegiate competitions, Tournament & open State, Nation Sports associations competitions for the academic year 2016– 17.

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	L SHREYAS CHHAKRAVARTHI	ISE	Football	RLJIT, DODDABALLAPUR, 13th to 14th March 2016	
2	SUDEEEP D	ISE			
3	BITOPAN DEKA	ISE			
4	AKILESH B BHAT	ISE			

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	BITOPAN DEKA	ISE	Athletic Team	Sir M V I T, Bengaluru 24th to 27th March 2016	
2	VAISHHNAVI H R	ISE			
3	BHAVANA K	ISE			

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	KARTHIK V	ISE	Basket Ball (MEN)	NMIT, Bengaluru 6th & 7th September 2016	

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	ASHWINI K L	ISE	WOMEN KA-BADDI	Dr. AIT, Bangalore, 30th April 2016	
2	SAMYUKTA UMESH NAIK	ISE			

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	SOMAN PANDA	ISE	Badminton (Men)	B M S C E, Bhasavnagudi Bengaluru 21st & 22nd September 2016
2	KARTHIK P	ISE		
3	NEHA RAMESH MYSORE	ISE	Badminton (Women)	

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	H Y PRATHAP	ISE	Hand Ball (Men)	Sai Vidya Institute of Technology, Bangalore, 27th & 28th may 2017

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	SACHIN P NAIK	ISE	Volleyball	BMSIT, BANAGLORE,

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	L SHREYAS CHAKRAVAR THI	ISE	Football	ACHARYA INSTITUTE OF TECHNOLOGY, BANAGALORE, 3RD—4TH APRIL 2017
2	AKILESH B BHAT	ISE		
3	BITOPAN DEKA	ISE		

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	MEGHANA M	ISE	Throwball (Women)	Sai Vidya Institute of Technology, Bengaluru, 8th & 9th October 2016
2	CHAITANYA R	ISE		

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	MAHESH KUMAR P	ISE	Men Cricket	RLJ I T, DODDABALLAPUR 02ND TO 09TH MARCH - 2016

Sl.No	Name of the Student	Department	Events	Organizing college	Competition Date
1	MAHESH KUMAR P	ISE	Cricket	SJCIT, CHiKKABALLAPUR, 22ND— 28TH March, 2017

List of publications by faculty

Sl.No	Name of the Teacher (s)	Title of the paper	Publication Citation	National / International
1	Prof. Vrinda Shetty	Sound scape for visually impaired	International research journal of Engineering and technology , June 2017	International
2	Prof. Harish D S	Cyberbullying detection based on semantic enhanced marginalised de - poisoning auto encounter	Prathibodh – 17, SVIT	National
3	Prof. Mary M D'Souza	Replication Techniques in Cloud	IJOER, June 2017	International
4	Prof. Madhuri M	Ranking for databases in view of user opinions	IJRITCC, June 2016	International
5	Prof. Madhuri M	A survey on the efficiency of machine learning models in academic performance of students	Prathibodh – 17, SVIT	National
6	Prof. Mamatha E	Data Abstraction on content sharing sites using privacy patterns	IJRSI, May 2017	International
7	Prof. Mamatha E	Replication Techniques in Cloud	IJOER, June 2017	International

Conferences, Guest Lecturing, Symposiums, Seminars, Workshops attended by faculty

SL. No.	Name of the faculty	Title of the FDP/Conference	Place	Day & Date
1	Prof.Vrinda Shetty	Design and Analysis of algorithms (JAVA) and Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017
2	Prof. Mary M D'Souza	Design and Analysis of algorithms (JAVA) and Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017
3	Prof. Deepak Raj	Design and Analysis of algorithms (JAVA) and Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017
4	Prof.Madhuri M	Research Proposal Preparation towards Ph.D Admission Programmes	SVIT	24th and 25th June2016
5	Prof.Madhuri M	Design and Analysis of algorithms (JAVA) and Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017
6	Prof.Madhuri M	Faculty Refresher Program on Contemporary Classroom Management Techniques	SVIT	30th -31st Jan 2017
7	Prof. Amogh P K	Design and Analysis of algorithms (JAVA) and 8Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017
8	Prof. Amogh P K	NBA	GSSITEW	Jan 2nd, 2017
9	Prof. Amogh P K	Virtualization using VSphere 6.0 – skills for operators	SVCE	19th – 23rd Dec, 2016
10	Prof. Amogh P K	Pervasive and Mobile Computing	NITK,Surathkal	5th – 14th Dec , 2016
11	Prof. Amogh P K	Faculty Refresher Program on Contemporary Classroom Management Techniques	SVIT	30th -31st Jan 2017
12	Prof. Harisha D S	Virtualization using VSphere 6.0 – skills for operators	SVCE	19th – 23rd Dec, 2016
13	Prof. Harisha D S	Design and Analysis of algorithms (JAVA) and Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017
14	Prof. Harisha D S	Faculty Refresher Program on Contemporary Classroom Management Techniques	SVIT	30th -31st Jan 2017
15	Prof. Mamatha E	Design and Analysis of algorithms (JAVA) and Microprocessor Laboratory	SVIT	23rd – 28th Jan 2017

PLACEMENT DETAILS

SL NO	DATE	NAME OF THE COMPANY	STUDENT'S NAME	PACKAGE IN LPA	LOI ISSUED	PROFILE
1	26/07/16	MILOPLE	NIKHITHA SHIVASWAMY	3.60	Yes	Developer
2	12/09/16	MPHASIS	KARTHIK V KARTHIK R SASTRY	2.40	Yes	Developer
3	29/09/16	WYNXGROUP	PRIYA SHIVAKUMAR CHANDRIKA.L ARPANA.S RASHMI G S KUSUMA S S	2.40	Yes	Developer
4	05/10/16	TECH MAHIN-DRA	HEMALATHA GURURAJ PRIYA SHIVAKUMAR	3.00	Yes	Developer
5	27/10/2016	G7 CR TECHNOL-OGIES	MANAS V P	2.40	Yes	Developer
6	09/11/2016	VKAN ERP	HEMALATHA GURURAJ	3.60	Yes	Developer
7	06/02/2017	IBM	SANJAY K ANUSHA VC SAHANA S SUNAINA S RAM POOJITHA	3.60	Yes	Tech Support
8	08/02/2017	GLOBAL AUTO-MATION	MANAS V P	3.60	Yes	Software Engineer
9	13/02/2017	MICROLAND	KARTHIK V JANNAVI ADIGA N VAGEESH R L SHREYAS CHAKRAVARTHY SHANAWAZ B MANAS V P	2.85	Yes	Service Engineer
10	23.02.2017	MPHASIS	ANUSHA V C	2.16	Yes	Trainee Engineer
11	17.03.2017	CMS IT SERVICES PVT. LTD.	Ranjith Kumar R Prakruthi H S Dilip Kumar P Pallavi T Chiranjeevi B V Kumuda B	2.0	Yes	Core
12	31.03.2017	COLLABERA TECHNOLOGIES PVT. LTD.	Ranjith Kumar R Sahana S	2.4	YES	Trainee Engineer