

Department of Information Science and Engineering

Sai Vidya Institute of Technology

Rajanukunte, Bengaluru 560 064



News Letter

(Aug 2019-July 2020)

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 next edition of Department Newsletter "Patrika". 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 Additional Director's Message



In the capacity of mentor to department of Information Science and Engineering and Director (A) 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

Principal's Message



I am extremely happy to know that the Department of ISE is bringing out newsletter "Patrika" for the academic year 2019-20 & 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

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 "Patrika"- 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 "Patrika" 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

Faculty

Dr. Vrinda Shetty Professor and Head Dr. Sangeetha V

Assistant Professor

Prof. Mary M D'souza

Assistant Professor

Prof. Madhuri M

Assistant Professor

Prof. Abhijith H V

Assistant Professor

Prof. Sushma A

Assistant Professor

Prof. Mamatha G

Assistant Professor

Prof. Santhosh Y N

Assistant Professor

Prof. Neelambika Balte

Assistant Professor

Prof. Spandana B K Assistant Professor

Advisory Board Members

Prof. A M Padma Reddy

Founder Trustee & Director (A), SVIT

Dr. H S Ramesh Babu

Principal, SVIT

Dr. Gowrishankar

Professor, Dept. of CSE, BMSCE

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



SE Technical Talk by Mr. T Sabapathy, Life Member of CSI BC

Department of Information Science & Engineering Organized Technical Talk on Software Engineering on 2nd August 2019. The main focus of the event is student should know what are the different types of SDLC models and how to choose the models w.r.t the project. Students have gained a knowledge about the case studies of Product development on core banking system, ERP, & Gaming Application.



Hands-on Session on Salesforce

Department of Information Science & Engineering Organized Awareness Program on Sales Force Trailhead Technology on 14th August on 2019. The main focus of this activity is to gain a knowledge about the Salesforce as SAAS platform in cloud computing. Students had a Hands-on Session – Creating of Salesforce Application with Drag & Drop Simplicity.



Technical Talk on Data Analytics

Department of Information Science & Engineering Organized a Technical Talk on Data Analytics 19th August 2019. The main focus is why data science is so hot right now. An overview of Chain Analytics is given. Data in Data Analytics- Qualitative & Quantitative techniques and processes used to enhance productivity and business gain. Data Analyst Job Duties- Data Analyst responsibilities include conducting life cycle analysis to include requirements, activities & design.



Machine Learning Workshop by Mr. Mathubalan G

Department of Information Science & Engineering Organized One day workshop on "Artificial Intelligence & Machine Learning" on 26th August 2019. The main focus of this workshop is to gain a knowledge on what are the different types of Machine Learning. Real world Use Cases of ML. Machine Learning vs Neural Networks. Applications of Neural Networks.



Mr. Nikhil Ganesh Bhat, Facilitator for Google AI |Explore ML Program.

Department of Information Science & Engineering Organized One day workshop on "Google AI-Explore Machine Learning" on 6th September 2019. The students gained a knowledge on Activity based learning "Quick draw". Various techniques in Machine Learning. Steps to develop on ML based product. Security in ML.



Hands-on Session on C++ Workshop

Five Days Hands-on Workshop on "Object oriented Programming with C++" was conducted for 3rd Semester ISE Students from 10th to 14h February 2020. The main focus of workshop is to practically train to gain knowledge about the following topic:

- Object oriented concepts
- Basic c++ constructs
- Datatypes,variables,control constructs
- Input and output in C++
- Constructors, operator
- Overloading.



One Day Hands-on workshop on "Network Simulator-2" was conducted for 5th Semester ISE students on 19th September 2019.

The main focus of this workshop is to train the students in the field of computer network by using the NS2 Simulator.

Hands-on Workshop on Network Simulator -2



Google Cloud Study Jam

As a part of Google career readiness program, 25 students are registered for google cloud certifications. For these students Google had conducted Cloud study jam on 13/02/2020.

Students were trained with the basics of cloud. Hands on session was conducted on quick labs. Students created virtual machine, containers etc., using the quick labs.



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. The Toppers meet for Even semester of academic year 2018-19 was organized on 11th NOV 2019. Additional Director, Principal and HOD's of CSE & ISE Department graced the occasion.

	Webinars Conducted in AY 2019-20					
Sl.No	Webinar on	Date and Time	Resource person	Photos		
1	Career guidance	29 th May 2020, 11.00am - 12.30pm	Dr. KiranmayiKoppiseti (AIR 573) Civils Topper Hyderabad. & Mr. D V Rao	Sai Vidya Institute of Technology, Bangalor: Descriment of Information and Computer Release Engineeries Department of Information and Computer Release Engineeries Other Survey Webinar on Career Guidance Other Survey By Dr.Kiranmayi Koppisetti (Alr 573) By Dr.Kiranmayi Koppisetti (Alr 573) Yebin May 2020, 11:00 am Other Survey Yebister Here : http://shorturl.at/dtO29 Descrimenter		
2	Data science	22 nd June2020 11.00am - 12.30pm	Mr. Hemanth Kumar, Data Scienece Consultant Rubix Pvt Ltd., Benngaluru	<image/> <image/> <text><text><text><section-header><section-header><section-header><section-header><section-header><table-row></table-row></section-header></section-header></section-header></section-header></section-header></text></text></text>		
3	Laravel Web Framework	30 th June2020 11.30am - 12.30pm	Mr. Binod Adhikari, Full Stack Developer, Infidata Technologies.	Main Source Fersion Startmer of Technology Personantia of Computer Science & Information Science Engineering In Association with CSI Student Branch ORGANIZES Startmer of Technology Image: Source Fersion Image: Source Fersion Image: Source Fersion Binod Adhikari Full Stack Developer Infidata Technologies Register now at: webinorsvit.herokuapp.com Dr. K Anonthopodmonabba Dob, CSE Dr. Vinda Shetty Dr. Vinda Shetty Dob, CSE Dr. H S Ramesh Babu Principal		
4	Introduction to Cyber Security	7 th July2020 11.00am - 12.30pm	Mr. Samarth Bhaskar Bhat, Technical Director, Reverse Engineering, Infosec, Bengaluru.	ALVIDYA INSTITUTE OF TECHNOLOGY MANNUKURTE, BENGALURU. Social DEPARTMENT OF INFORMATION SCIENCE AND COMPUTER SCIENCE A ENGINEERING BOSTO OF INFORMATION SCIENCE AND COMPUTER SCIENC		
5	Deep Learning for Real world Applications	2 nd July 2020 11.00 am – 12.30 pm	Mr. Arvind C S Senior Researcher SBIC-A*Star Singapore	Sai Vidya Institute of Technology of FEEE Rajanukanto.Bengaluru-80008 Surf Student BRANCH Department of Computer Science Challenearing Computer Science A Information Science Englanearing Computer Science Challenearing Computer Science Challenearing Computer Science Challenearing Computer Science Challenearing Computer Science Challenearing Science Science Challenearing Science Science Challenearing Science Science Challenearing Science Science Challenearing Correlations Constants Science Science Challenearing Science Science Challenearing S		

6	Career Opportunities in IT Industry	10 th July202011.30am - 12.30pm	Mr. Adithya Shyam, Senior Software Engineer, Visteon Technical & Service Center, Bengaluru.	Sal vibya instruction of the parts in a construction of the parts in a construction with CSI Student to reach or grantes Image: Construction with CSI Student to reach or grantes Department of Computer Science & Information Science Engineering Accordation with CSI Student to reach or grantes Department of Computer Science & Information Science Engineering Accordation with CSI Student to reach or grantes Department of Computer Science Information Science Engineering Accordation with CSI Student to reach or grantes Department of Student Beneticity Accordation with CSI Student to reach or grantes Department First Stid_Mithtomest Accordation with or grantes Devartment State Student Beneticity Accordation with or grantes Devartment State Stat
7	Know you New you	11 th July2020 3.00pm - 4.30pm	Mr. Saravana Prabhu Subramanian Software Engineer at Amazon	<image/> <image/> <image/> <text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text>
8	Importance of Clustering in Machine Learning	16 th July2020,11.30am - 12.30pm	Mr. Chetan Shetty Lead Data Scientist,HCL Technologies	Sai Vidya Institute of Technology Department of Computer Science & Information Science Engineering In Association with CSI Student Branch ORGANIZES Webinar on Monotaneering Resource Person Nr. Chetan Shetty Led Data Scienciat HC. Technologies DX:Aventhapadmanable HOD,CSE DX:Aventhapadmanable HOD,CSE
9	Agile using Jira/TFS and Continuous Software Development(CI/C D)	21 st July 2020, 9.30 am – 11.00am	Mr.Sathish Kumar K V Technical Program Manager Dell Technologies	A CHORA DESCRIPTION OF CHECHCONCURS CHECKEN OF CHECKEN
10	Agumented Reality- The Interface of Future.	22 nd July 2020, 04:00PM – 05:00 PM	Mr.Jishnu Project Engineer, Pantech Solutions, Chennai	<image/> <image/> <text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text>

11	Automation in Quality Assura and Trends Shaping QA	<i>,</i>	Lea	Vishnu J Kumar d Engineer L Software	SAVENCE INTERCENTION DE LE CONTROLLES DE
		Stude	en	ts Papers	
Sl. No.	USN	Name of the Stude	ent	Title of the paper	Name of the Journal/Conference
1	1VA16IS003 1VA16IS012 1VA16IS043 1VA16IS062	ANIRUDH BHAGAV GOWTHAM N PANDETHI PAVAN VINAY KUMAR A P	BS	Assistive Device for Deaf, Dumb and Blind	International Journal of Research in Engineering, Science and Management, Volume 3, Issue 5, May 2020, ISSN-2581-5792
2	1VA15IS012 1VA15IS008 1VA15IS039 1VA15IS065	HARSHITH P K BITOPAN DEKA NIKHIL.N SUMANTH T.S		Accuracy of Machine Learning Models for Plant Disease Detection	International Journal of Advance Research, Ideas And Innovations In Technology, Volume 6, Issue 4, July-August 2020, ISSN- 2454-132X
3	1VA16IS002 1VA16IS014 1VA16IS034 1VA16IS042	AKSHATHA S B HARSHITHA M NAMARATHA KARANTH NITIKA CHOUDHAR	Y	Review on Detection and Classication of Diabetic Retinipathy	International Conference on Topical Transcends in Science, Technology and Management, Volume 40, Issue 70, March 2020, ISSN- 2394-3114
4	1VA16IS019 1VA16IS005	KAVITHA V ANUSHA M		Multilevel Authentication using OTP,QR-Code and	International Journal of Research in Engineering, Science and Management,

	1VA16IS051	SAHANA MS	Hadamard Transformation	Volume 3, Issue 8, August 2020, ISSN-2581-5792	
	1VA16IS025	LEKHANA S P	Transformation	2020, 15511-2301-3792	
5	1VA16IS049	S.C NITHIN	A Smartphone based Application for	International Conference on Topical Transcends in	
	1VA16IS013	H.Y PRATHAP	Health Care Management System	Science, Technology and Management, 12th July 2020	
	1VA16IS038	NIKHIL M.N			
	1VA16IS056	SHREYAS S KOUSHIK			
6	1VA16IS046	PRIYA A	Ambulance Routing System	International Journal of Research in Engineering,	
	1VA16IS047	RAMYA SHRAVANI D	2	Science and Management, Volume 3, Issue 5, May	
	1VA16IS048	RANJITHA M		2020, ISSN-2581-5792	
	1VA16IS053	SANJANA YS			
7	1VA16IS037	NIKHIL GANESH BHAT	An Android Based Application For	International Journal of Research and Analytical	
	1VA16IS057	SHUBHAM YADAV	Dynamic Travel Planning	Review, Volume 7, Issue 3,July 2020, E-ISSN 2348-	
	1VA16IS026	LOCHAN VISHWANATH		1269	
	1VA16IS033	N VISHAL KULKARNI			
8	1VA16IS022	KRISHNA CHAITANYA	Android BackDoors	International Journal of Research and Analytical	
	1VA16IS008	BHARATH VS		Review, Volume 7, Issue 2,June 2020, E-ISSN 2348-	
	1VA16IS009	DEVIPRASAD D MAHALE		1269	
	1VA16IS054	SANJAY BHAKTA K			
9	1VA16IS010	DIVYA SHREE DV	Skin Disease Detection Using	International Journal of Progressive Research in	
	1VA16IS011	GOGGI PRAGNA	Image Processing and Neural	Science and Engineering, Volume-1, Issue-4, July-2020	
	1VA16IS059	SUSHMETA GR	Networks		
	1VA16IS064	PRATHIBHA L			
10	1VA16IS036	NEHA RAMESH MYSORE	Detecting Phishing Website Using	International Journal of Research in Engineering,	
	1VA16IS040	NISHARANI	Machine Learning	Science and Management, Volume-3, Issue-5, May-	
	1VA16IS023	LATHA B		2020, ISSN (Online): 2581- 5792	

	1VA14IS016	CHAITANYA RAJ		
11	1VA16IS004	ANUSHA BC	Currency Recognition System	International Journal of Research in Engineering,
	1VA16IS016	JANANI P		Science and Management, Volume-3, Issue-5, May-
	1VA16IS020	KEERTHANA K		2020, ISSN (Online): 2581- 5792
	1VA16IS021	BHAGYASHREE K		
12	1VA15IS004	APOORVA K V	Time Series Prediction of Success	International Journal of Research in Engineering,
	1VA15IS048	SNEHA S	Rate of Agricultural Products	Science and Management, Volume-3, Issue-5, May-
	1VA15IS024	LAVANYA L		2020, ISSN (Online): 2581- 5792
	1VA15IS029	MEGHANA B		
13	1VA16IS017	KARTHIK J BHAT	WebEnum	International Journal of Advance Research, Ideas
	1VA16IS018	KARTHIK P		And Innovations In Technology, Volume 6, Issue
	1VA16IS030	MITHUN BL		4, July-August 2020, ISSN- 2454-132X
	1VA16IS041	NISHITH B RAO		

Students Achievement

Sl.No	Name of the student	Achievements
1	Tejas Vinay	Won 2nd Prize in Quiz Competition at State Level ISTE Student Convention
2	Anoop R	Won 2 nd Prize in Debugging competition held at IISc Open Day
3	Vijay M G	Won 3 rd Prize in Debugging competition held at IISc Open Day
4	Nancy Saini	Awarded III place in 200 mts competition at SVIT
5	Anupam Mishra	Awarded I place in counter strike at SVIT

6	B.Sai Pranathi	Awarded II place in Cooking without Fire at SVIT
7	Rohith.R	Awarded III place in Counter Strike at SVIT
8	Nischal.S	Awarded I place in TECH-D-GRAPHY(DSLR) at SVIT
9	Monish.M	Awarded III place in Counter Strike at SVIT
10	Anup.R	Awarded II place in Chess competition at SVIT

17 Students completed Microsoft CPMA Certification

MOOC Certification Details

SI.No	Faculty Name	No. of MOOC
		Courses
1	Dr. Vrinda Shetty	07
2	Dr. Sangeetha V	04
3	Prof. Abhijith H V	06
4	Prof. Sushma A	02
5	Prof. Mamatha G	10
6	Prof. Santhosh Y N	02
7	Prof. Neelambika Balte	01

No. of Students	134
No. of Certifications	594

		Faculty Pul	olication	
SL. No.	Name of the faculty	Title of paper	Publication	Month and Year of publication
1.	Dr.Vrinda shetty	Review on Cervical cancer using Neural networks	2 nd International Conference on Topical transcends in Science, Technology and management	12 th July 2020
2.	Dr.Vrinda shetty	Review on Detection and Classification of Diabetic Retinopathy	2 nd International Conference on Topical transcends in Science, Technology and management	12 th July 2020
3.	Dr.Vrinda shetty	D2D communication in IOT: conventional protocols, challenges and open issues	2 nd International Conference on Topical transcends in Science, Technology and management	12 th July 2020
4.	Dr.Sangeetha V	Efficient Two Layer Image Protection with Wavelet Transform Compression	2 nd International Conference Data Communication Technologies and Applications(ICIDCA) Springer Organized by RVSCE	3 rd and 4 th Sept 2020
5.	Dr.Sangeetha V	Comparision between K-Means and Expectation Maximization algorithm using Iris plant	Innovation in Communication Networks,Information Security, Embedded Systems & Signal Processing Organized by VASC Paper ID:1ICN005	27 th & 28 th Aug 2020
6.	Dr.Sangeetha V	Ransomware Attack Prediction using Machine Learning Techniques	Innovation in Communication Networks,Information Security, Embedded Systems & Signal Processing Organized by VASC	27 th & 28 th Aug 2020

			Paper ID:11CN002	
7.	Dr.Sangeetha V	WebEnum	International Journal of Advanced Research, Ideas and Innovations in Technology ISSN: 2454-132X Impact factor: 6.078 (Volume 6, Issue 3)	May-June 2020
8.	Dr.Sangeetha V	A Smart Phone Based Application for Health catr management Svs Tem	2 nd International Conference on Topical transcends in Science, Technology and management	12 th July 2020
9.	Prof. Abhijith H V	ANDROID BACKDOORS	International Journal of Research and Analytical reviews(IJRAR) Volume 7, Issue 2 E-SSN:2348-1269 I-SSN:2348-5138 Impact Factor-5.75	June 2020
10.	Prof. Abhijith H V	Intelligent Determination of Shortest Route for Troop Movement in Military Operations By Applying ISR in Wireless Sensor Networks	Studies in Indian Place Names (UGC Care Journal) ISSN: 2394-3114 Vol-40-Issue-70	March - 2020
11.	Prof. Mary D'Souza	Skin Disease Detection Using Image Processing and Neural Networks	International Journal of Progressive Research in Science and Engineering	June - 2020
12.	Prof. Mary D'Souza	Time Series Prediction of Success Rate of Agricultural Products	International Journal of Research in	May-2020

			Engineering, Science and Management	
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
			Impact Factor: 4.308	
13.	Prof. Sushma A	Ambulance Routing System	International Journal of Research in Engineering, Science and Management	May-2020
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
14.	Prof. Sushma A	Multilevel	Impact Factor: 4.308 International Journal of	
14,	FIOL SUSIIIIA A	Authentication sing OTP, QR-code and Hadamard Transformation	Research in Engineering, Science and Management	May-2020
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
			Impact Factor: 4.308	
15.	Prof. Mamatha G	Detection of Fake Online Reviews	International Journal of Research in Engineering, Science and Management	May-2020
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
16.	Prof. Neelambika	Curronou Docomition	Impact Factor: 4.308 International Journal of	
10.	Balte	Currency Recognition System	Research in Engineering, Science and Management	May-2020
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
			Impact Factor: 4.308	

17.				
	Prof. Neelambika Balte	Detecting Phishing Website Using Machine Learning	International Journal of Research in Engineering, Science and Management	May-2020
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
10			Impact Factor: 4.308	
18.	Prof. Santhosh Y N	Assistive Device for Deaf, Dumb and Blind	International Journal of Research in Engineering, Science and Management	May-2020
			Volume-3, Issue-5, ISSN (Online): 2581- 5792	
			Impact Factor: 4.308	

Program Educational Objectives (PEOs)

PEO 1: Serve as IT professional with proficiency in developing solutions to complex engineering problems.

PEO 2: Pursue higher education, research and preserve the essence of lifelong learning.

PEO 3: Exhibit high standards of social and professional ethics, entrepreneurship and leadership qualities.