

Department of Information Science and Engineering Sai Vidya Institute of Technology

Rajanukunte, Bengaluru 560 064

PATRIKA

News Letter (Aug 2020-July 2021)

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 2020-21 & 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

Editorial Board

Chief Editor: Prof. Abhijith H V

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Akshay C U

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Assistant Professor

Prof. Mamatha G

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Sr. Director Software Engineering,
Ruckus Wireless LTD

Mr. Ashok Gowda

Software Consultant

Mr. Goutham R

Alumnae (2008-2012 Batch)

Ms. Poornima Hegde

Alumnae (2011-2014 Batch)

Webinars and Workshops Conducted in AY 2020- 21

SI No.	Event	Date and Time	Resource person	Photos
1	Webinar on "An Insight into Web Application Development"	1 st August 2020 10:30AM – 12:00PM	Ms. Diksha, Senior Systems Engineer Infosys Ltd. Mr. Arun Tamarakar Senior Software Engineer, Unisys Corporation	Sai Vidya Institute of Tachnology Rajanukunte,Bengaluru 86004 Department of Information Science & Computer Science Engineering In Association with CSI Student Branch oncolorises weemand on An Insight into Web Application Development Webinar Speakers Senior Systems Engineer Information Student Senior Schwerz Engineer Information Student Senior Schwerz Engineer DATE - 01/08/2020 Time - 10/30AM TO 12/00 PM Bor. Visualo Shetty HOD, 188 Province Shetty HOD, 188 Reserve your slot new at webinarsvit.herokuap pp. com E-Certificate will be issued to all the participants.
2	Webinar on "Machine Learning"	10 th August 2020 10:00AM – 11:00 AM	Dr.Prabhuchandran K J, Ph.D from IISc in Reinforcement Learning, Postdoctoral at IISc as an Amazon-IISc Postdoctoral Scholar	Sai Vidya Institute of Technology Rajamkante, Bengahara 460064 IEEE SVIT Photonics Student Chapter and IEEE SVIT Photonics Student Chapter and IEEE SVIT CIS/C Society Joint chapter Organizas a Webinar on MACHINE LEARNING Dr. Prabachandran K.J Assistant Professor at Dept of CSF, ITT Dharwad Ph. D from ISE, in Reinforcement Learning Postdotoral research at IISE, as an Amazon-IISE Postdotoral scholar Postdotoral research at IISE, as an Amazon-IISE Postdotoral scholar All Professionals and Students are Welcome Webinar Link: All Professionals and Students are Welcome Webinar Link: All Professionals and Students are Welcome Webinar Link: Registrations is Free https://dx.doi.org/10.1004/AM-IIDESVITMINVebantLase Registrations is Free https://dx.doi.org/10.1004/AM-IIDESVITMINVebantLase Berneh Advisor Dr. Vealanta Mario IIDE Advisor IEEE-SVIT Bosonics, DBIS, CIS CS Student Chapter Berneh Counsellor: IEEE-SVIT Soudent Chair, IIEE-SVIT Soudent Chair, IIEE-SVIT Soudent Chair, IIEE-SVIT Soudent Chapter Echneral Bibs: 72939918 Soudent Chair, IIEE-SVIT Soudent Chapter
3	Webinar on "Robotic Process Automation"	15th Oct 2020 10.00 AM - 11.00 AM	Ankur Kumar Software Engineer, Tech Mahindra	SALVIDYA INSTITUTE OF TECHNOLOGY Rajandante: Bengahra 1800a Department of Computer Science & Information Science Engineering Information On Computer Science Information On Computer Science Information Informa
4	Webinar on "Trend in SAP"	3rd Nov 2020 11.30 am to 1.00 pm	Mr Satish V Manager, Capgemini	Sai Vidya Institute of Technology Department of Information Science & Computer Science Engineering In Association with CSI Student Branch Region V ORGANIZES Webinar on "Trend in SAP" Webinar Speaker: Satisha V Manager Cepgmini DATE-3 NOV 2020 TIME - 11:30 AM TO 1:00 PM Faculty Coordinator: - Dr. Sangeetha.V, Assoc. prof., Dept of ISE - Dr. Komala C R, Assoc. prof., Dept of ISE Register At :https://lorms.gle/xJBk/inbs:nAxiDty9 Student Coordinator: - Reetly Chitragupt, Dept of ISE Dr. Kananthapadmanabha Dr. Vinida Sheity HOD. IBE Dr. K Ananthapadmanabha Dr. Vinida Sheity HOD. IBE Dr. K S Ramesh Babu Principal

5	Webinar on "Open Source"	9th Nov 2020 5.00pm to 6.00pm	1.Tushar Pandey 2.Harish Kumar	IEEE CS Chapter BMSIT&M in collaboration with IEEE CS/CIS JOINT Chapter SVIT Webinar on OPEN SOURCE *** Speakers 1. Under Plandey 2. Marish Aumar 2. Marish Marish Marish SM Venue: Google meet ** Venue: Google meet ** Venue: Google meet
6	Webinar on "Machine Learning Applications in Healthcare"	19th Nov 2020 11.30am to 12.30 pm	Dr. P Priyanga Associate Professor Dept. of CSE Global Academy of Technology, Bengaluru	Sai Vidya Institute of Technology Estandardon, Respective 300004 Department of Information Science and Computer Science Engineering In Association with CSI Student Branch Region V WEINVAR Machine Learning Applications In Healthcare Resource Person Dr. F. Privage Accompany On Control of CRE Cocking A. Privage Cocking
7	Webinar on "Overview of Machine Learning"	04 th Dec 2020 11:00 AM – 01:00 PM	Kaustubh Shyama Sunder Senior Lead Software Engineer, Microsoft	SAI VIDYA INSTITUTE OF TECHNOLOGY Department of Computer Science & Information Science Engineering In Association with CS Student Branch OVERVIEW OF MACHINE LEARNING Well-intus Speakor Well-intus Speak
8	Workshop on "Web Application Development"	15 th October 2020 to 19 th October 2020 , 10.00am - 1.30pm	BinodAdhikari Full stack Development Infidata Technologies	Sai Vidya Institute of Technology Department of Computer Science & Information Science Engineering In Cellaboration with Laffdota Technologies & In Association with CSI Student Branch ORGANIZES 5 DAYS STUDENT DEVELOPMENT PROGRAMME ON WEB APPLICATION DEVELOPMENT Register now at - https://forms.gle/6hrpM5MWEPcSho1R9 ISth October 2020 : II.30am to I.30pm Initias Technologies Faculty Mrs.Monotho G Mr.Sunil G L Co-ordinators: Assistant professor, SE E-Certificates will be issued Dr. K Ananthapadmanabha HOD, CSE Tomport Science Engineering In Cellaboration with CSI Student Branch ORGANIZES S DAYS STUDENT DEVELOPMENT PROGRAMME ON WEB APPLICATION DEVELOPMENT Register now at - https://forms.gle/6hrpM5MWEPcSho1R9 ISth October 2020 : II.30am to I.30pm Idth to 19th October 2020 : II.30am to I.30pm I
9	Workshop on "Network Simulator -2"	11 December 2020	Abhijith H V Assistant Professor, Dept. of ISE, SVIT Meghashri E M Assistant Professor, Dept. of CSE, SVIT	Sal Vidya Institute of Technology Department of computer Science & Information Science Engineering in Association with IEEE Clisics Joint Chapter SVIT Cognition, workshop on "Network Simulator-2" Tapies TG. Rankes, Simple tapidoty design. Uning TGP and ODP, performances and any and any and any and any any any and any

10	Webinar on "Advanced Data Analysis with deep learning techniques"	9 th June 2021	Aravind C S –Senior Researcher SBIC A* Singapore	SALVIDVA INSTITUTE OF TECHNOLOGY The second of the control of the
11	Webinar on "Role of Handwriting Analysis in the Success of a Software Engineer"	14 th June 2021	Gr. Pradeep Kirani Graphologist & Psychologist, Canada	SAI VIDYA INSTITUTE OF TECHNOLOGY Recentred by SCK-Approved by ACCE. See Desh, Affiliated to YTU, Balagard, Acception by BCK-Approved by ACCE. See Desh, Affiliated to YTU, Balagard, Acception by Way (CK. Six, Br. Larrandson Lindia Despartment of Information Science and Computer Science Engineering in association with computer Society of India ORGANIZES WEBINAR ON Role of Handwriting Analysis in the Success of a Software Engineer Guest Speaker: Date: 14th June 2021 Time: 9 am Faculty Constitution of Managard Science Science Society Constitution of Managard Science Science Society Constitution of Managard Science Scienc
12	Webinar on "Institute to Industry"	19 th July 2021	Mr. Arun Venkata Senior Industry Professional	SAI VIDY A INSTITUTE OF TECHNOLOGY Rajundance, Respolve, 500061 (Kennada I India Approved by ACTE, New Debis Affiliated to VTU, Relagant Accredited by NRA UBL in CSE, ISE, ECC, MECH Department of Information Science and Computer Science & Engineering in association with CSI Student Chapter. ORGANIZES WEBINAR ON INSTITUTE TO INDUSTRY DATE - 19th JULY 2021 TIME - 2:30 PM TO 3:30 PM Faculty Coordinator: Mr. Abapitich Hv. 9-486012279 Student Coordinator: Mr. Reetik Chitragupt th ISE Mr. Arun Venkata Senior Industry Professional
13	Webinar on "Careers in IT Industry Apart from Coding"	19 May 2021	Nikhil G Bhat Alumni SDE 1 at Springworks	Sai Vidya Institute of Technology Tepanutum to Information Science & Computer Science Engineering In Association with CSI Student Branch ORGANIZES WEBINARON CAREERS IN IT INDUSTRY APART FROM CODING Webinar Speaker DATE - 19/05/2021 TIME - 09:00AM TO 11:00 AM Faculty Coordinators Mikhil Genesh Bhot SVIT, Ahmini 2020. Working as a 50E I at Springworks. Stringworks. Stringwor
14	Workshop on "Object Oriented Programming with C++"	3 rd May 2021 to 7 th May 2021	Mr. Santosh Reddy P, Assistant Professor, Dept., of CSE, SVIT Mr. Abhijith Das, Assistant Professor, Dept., of ISE, SVIT	SAI VIDYA INSTITUTE OF TECHNOLOGY Department of Computer Science & Information Science Engineering In Association with CSU Student Branch ORGANIZES WORKSHOP ON Mr. Abbijit Das Assistant Professor ISE Dept, SVIT DATE: 3 rd - 7 th May, 2021 Prof. Stredards PK BOD, CSE Dr. Viriadia Skerty DLHS.Ramech Baba Principal

MOOC Certification Details

SI No.	Faculty Name	No. of MOOC Courses
1	Prof. Abhijith H V	02
2	Prof. Santhosh Y N	02

No. of Students	6
No. of Certifications	22

Student Achievements

SI No.	Name of student	Achievements
1	ISHIKA NAVEEN	Runner-up in 'CAN YOU CORRECT ME' in 34th CSI Karnataka State Student Convention

Faculty Publication

Name of the author/s	Title of paper		Year of publication
Dr. Vrinda Shetty	Review on Cervical Cancer Screening Using Neural Network	Institute of Scholars (InSc), Available at SSRN: https://ssrn.com/abstract=366889	5 2020
Dr. Komala C R	Junction Based Angular Routing in Vehicular Ad Hoc Networks (VANET)	2021 2nd International Conference for Emerging Technology (INCET), 2021, pp 5, doi: 10.1109/INCET51464.2021.94562	
Abhijith H V	Secure Data Transmission Framework for Internet of Things based on Oil Spill Detection Application	International Journal of Advanced Compu Science and Applications(IJACSA), 12(5) 2021. http://dx.doi.org/10.14569/IJACSA.2021.0 0523 (Web of Science and Scopus index	, 012
Abhijith H V	Intelligent Data Aggregation Framework for Resource Constrained Remote Internet of Things Applications	International Journal of Advanced Compu Science and Applications(IJACSA), 12(5) 2021. http://dx.doi.org/10.14569/IJACSA. 21.0120518 (Web of Science and Scopus indexed) Vol.12 Issue 5	, 20
Prof. Mamatha G	Detection of Fake Online Reviews	International Journal of Research in Engineering, Science and Management	2020

10 1 I- V/ NI	Watch your Driving: A Driver Health Monitoring System using Raspberry Pi		2021
Santhosh Y N	Assistive Device for Deaf, Dumb and Blind	International Journal of Research in Engineering, Science and Management	2020
		International Journal of Current Engineering And Scientific Research (IJCESR), VOLUME 8 ISSUE 6 (JUNE 2021)	2021

FDP Attended by Faculty

SI. No.	Name of Teacher	Title of Program	Duration and date of attend
1	Dr. VRINDA SHETTY	Entrepreneurship and Innovation	12 days(22nd February to 6th March 2021)
		Online UHV refresher one	5 days(15th to 19th Feb 2021)
		Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	5 days(5th to 9th September 2020)
2	Dr. KOMALA C.R	Emerging trends in Data Analytics	5 days(10 to 14th May 2021)
		Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	5 days(5th to 9th September 2020)
3	ABHIJITH H V	NEP 2020: Leadership and Excellence"	5 days(13th to 17th July 2021)
		Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	5 days(19th to 23rd April 2021)
4	SANTOSH Y N	Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	5 days(12th to 16th July 2021)
		International online workshop on Al	5 days(7 th to 11 th April 2021)
5	VIVEK BONGALE	Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	5 days(2nd to 6th August 2021)
		International online workshop on Al	5 days(7th to 11th April 2021)
		Machine Learning and AI	6 days(28-12-2020 to 02-01-2021)
		Machine Learning	5 days(22 to 26th February 2021)
6	SMITHS S P	Emerging Trends in Computation	5 days(2nd to 6th August 2021)

		Universal Human Value on the theme "Inculcating Universal Values in Technical Education"	5 days(2nd to 6th August 2021)
7	ABHIJIT DAS	NEP 2020: Leadership and Excellence"	5 days(13th to 17th July 2021)

Details of Student Publications for the Academic year 2020-21

Sl. No.	USN	Name of the Student	Title of the paper	Name of the Journal/Conference	Publication details (Volume, Issue, Page number, Year) ISBN/ISSN	Guide	
	1VA17IS004	AISHWARYA HM	BONE TUMOUR DETECTION USING IMAGE PROCESSING		VOLUME8,		
1	1VA17IS023	LEKHA SP		DETECTION LISING INTE	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING	ISSUE , JULY 2021	MR. VIVEK
'	1VA17IS052	VANDANA CK		AND TECHNOLOGY (IRJET)	ISSN-2395- 0096	BONGALE	
	1VA17IS039	RUTHU RS					
	1VA17IS005	AMRUTESH ARUN	DESIGN OF HIERARCHICAL DATA AGGREGATION FOR INTERNET OF UNDERWATER THINGS	INTERNATIONAL CONFERENCE ON "GLOBAL CONVERGENCE IN			
2	1VA17IS027	MRUNALINI MS		DATA AGGREGATION	TECHNOLOGY, ENTREPRENEURSHIP, COMPUTING AND VALUE	16TH AND 17TH JULY	MR. ABHIJITH H V
	1VA17IS046	SHRUTHI N		ENGINEERING: PRINCIPLES AND PRACTICES "(ICGCP— 2021) HELD AT	2021		
	1VA17IS051	TARUN ANAND		SPATHAGIRI COLLEGE OF ENGINEERING, BANGALORE			
3	1VA17IS008	ANUSHREE K	GENERATING E- TOKENS FOR	INTERNATIONAL CONFERENCE ON "GLOBAL		DR. VRINDA SHETTY	

	4) / 4 4 7 1 0 0 0 0	I/ DAOLIANIA	PUBLIC	CONVERGENCE IN		
	1VA17IS020 1VA17IS029	K RACHANA NANDANI KUMARI	TRANSPORT	TECHNOLOGY, ENTREPRENEURSHIP,	16TH AND	
	1/41/10029	NANDANI KUWAKI		COMPUTING AND VALUE ENGINEERING: PRINCIPLES AND PRACTICES "(ICGCP—	17TH JULY 2021	
	1VA17IS055	VIDISHA SHARMA		2021) HELD AT SPATHAGIRI COLLEGE OF ENGINEERING, BANGALORE		
	1VA17IS003	AISHWARYA G		INTERNATIONAL CONFERENCE ON "GLOBAL CONVERGENCE IN		
4	1VA17IS032	NISHCHAL S	OBJECT RECOGNITION AND LOCALIZING	TECHNOLOGY, ENTREPRENEURSHIP, COMPUTING AND VALUE	16TH AND 17TH JULY	MR. SANTHOSH Y
7	1VA17IS018	GORANTLA K VINAY	FOR VISUALLY IMPAIRED PEOPLE	ENGINEERING: PRINCIPLES AND PRACTICES "(ICGCP—	2021	N
	1VA17IS031	NIHARIKA S M		2021) HELD AT SPATHAGIRI COLLEGE OF ENGINEERING, BANGALORE		
	1VA17IS016	CHINMAYEE		INTERNATIONAL RESEARCH		
	1VA17IS015	CHAITRA K R	IOT ENABLED SMART HOME SYSTEM USING OWN PRIVATE SERVER		VOLUME 8, ISSUE 7 ISSN-2395- 0056	MR. VIVEK BONGALE
5	1VA17IS003	POOJA G		JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)		
	1VA17IS048	SRI VIDYA				
	1VA15IS034				VOLUME	
		RITISH H	REAL TIME DRIVER DROWSINESS	INTERNATIONAL JOURNAL FOR RESEARCH IN APPLIED	VOLUME 9, ISSUE 6, JUNE 2021	MS. SMITHA S
6	1VA15IS009	MANU DK	DETECTION SYSTEM USING	SCIENCE & ENGINEERING		P
	1VA16IS055	SATHVIKSHETTY MK	OPENCV	TECHNOLOGY (IJRASET)	ISSN-2321- 9653;	
	1VA17IS022	KIRAN H P				
	1VA17IS038	REETIK CHITRAGUPT	PLACE-QUE: WEB AND ANDRIOD BASED	INTERNATIONAL CONFERENCE ON "GLOBAL CONVERGENCE IN	16TH AND	
7	1VA17IS030	NAVARATNA V HEGDE	APPLICATION FOR CAREER PATH	TECHNOLOGY, ENTREPRENEURSHIP, COMPUTING AND VALUE	17TH JULY 2021	MR. ABHIJITH H V
	1VA17IS019	HARSHITHA M	DEVELOPMENT OF THE STUDENT	ENGINEERING: PRINCIPLES AND PRACTICES "(ICGCP— 2021) HELD AT		

	1VA17IS042	SAMRUDH G R		SPATHAGIRI COLLEGE OF ENGINEERING, BANGALORE		
8	1VA17IS021	K S SAIKUMAR REDDY	PREDICTION OF SURVIVAL OF POST THORACIC SURGERY	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)	VOLUME 8, ISSUE 7,JULY 2021 E-ISSN: 2395- 0056	MS. SMITHA S P
	1VA17IS012	BHANU PRAKASH RB				
	1VA16IS031	MUTHURAJU K				
	1VA14IS021	ABHISHEK RAJ				
9	1VA17IS036	PRIYANKA E	PREINDICATION OF STOCK PRICE USING PROLONGED PETITE-STRETCH MEMORY (PPSM) ALGORITHM	INTERNATIONAL CONFERENCE ON "GLOBAL CONVERGENCE IN TECHNOLOGY, ENTREPRENEURSHIP, COMPUTING AND VALUE ENGINEERING: PRINCIPLES AND PRACTICES "(ICGCP— 2021) HELD AT SPATHAGIRI COLLEGE OF ENGINEERING, BANGALORE	16TH AND 17TH JULY 2021	DR. KOMALA C R
	1VA17IS013	BHAVANI C				
	1VA17IS047	SNEHA M				
	1VA17IS057	SPARSHA R				
10	1VA17IS044	SHARAN G S	WATCH YOUR DRIVING: A DRIVER HEALTH MONITORING SYSTEM USING RASPBERRY PI	INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND SCIENCE (IJRES)	VOLUME-9, ISSUE-7,	MR.
	1VA17IS049	SRIKANTH S			MAY-2020	
	1VA17IS050	SURAJ S T			ISSN (ONLINE): 2320-9364, ISSN (PRINT): 2320-9356	
	1VA17IS054	VEENA K B				

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.