



Department of Computer Science and Engineering

Sai Vidya Institute of Technology

Rajanukunte, Bangalore-560064

SAMEEKSHA

(Academic Year 2019-20)

Vision

Contribute Dedicated, Skilled, 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.**

Program Outcomes (POs)

PO1: Engineering knowledge - Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis - Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions- Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems - Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage - Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society - Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability - Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics - Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work - Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication - Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance - Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning - Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO1: Demonstrate the knowledge and understanding of working principles, design, implement, test and evaluate the hardware and software components of a computer system.

PSO2: Apply standard Software Engineering practices and strategies in software project development

PSO3: Demonstrate the knowledge of Discrete Mathematics, Data Management and Data Engineering.

Program Educational Objectives (PEOs)

Graduates will be able to:

PEO1: Graduates will have the expertise in analyzing real time problems and providing appropriate solutions related to Computer Science & Engineering.

PEO2: Graduates will have the knowledge of fundamental principles and innovative technologies to succeed in higher studies and research.

PEO3: Graduates will continue to learn and to adapt technology developments combined with deep awareness of ethical responsibilities in profession.

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 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
Director, SVIT

Principal's Message



I am extremely happy that the Department of CSE is bringing out newsletter every year and 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
Principal, SVIT

Dean's Message



Greetings to all the staff members, student friends, parents and other stake holders. 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 college standing by the spirit of its Vision had hosted many technical events to showcase the innovations of the young budding engineers. We continue to support the cause of contributing to the society and to the nation by providing a holistic growth to the students by imparting quality education and shaping their character through Induction Training programme.

- Prof. A M Padma Reddy
Additional Director, SVIT

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. 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.

Dr. Ananthapadmanabha K
HOD CSE, SVIT

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Viha Harish Shetty (5th Semester)

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Additional Director, SVIT

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Principal Architect, Del EMC²

Dr. Thippeswamy G

Professor and Dean Academics, BMSIT&M

Mr. Ganesh Shyam

Alumnae (2011-2014 Batch)

Ms. Shruthi Yashavanth

Alumnae (2011-2014 Batch)

Events Conducted



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

Department of Computer 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 Computer 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.



Concentrating on the Resource person talk.

Department of Computer 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 Computer 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 Computer 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 CSE Students from 10th to 14th 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.

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. Kiranmayi Koppiseti (AIR 573) Civils Topper Hyderabad. & Mr. D V Rao	 <p>Sai Vidya Institute of Technology, Bangalore Department of Information and Computer Science Engineering Webinar on Career Guidance By Dr. Kiranmayi Koppiseti (AIR 573) 29th May 2020, 11:00 am 9121412929, 9121239992 Register Here : http://shorturl.at/dtOZ9</p>
2	Data science	22 nd June 2020 11.00am - 12.30pm	Mr. Hemanth Kumar , Data Science Consultant Rubix Pvt Ltd., Bengaluru	 <p>Sai Vidya Institute of Technology Department of Information Science & Computer Science Engineering In Association with CSI Student Branch WEBINAR ON DATA SCIENCE Resource Person Hemanth Kumar A Alumni(2013-15 Batch) Data Science Consultant Rubix Pvt Ltd. Bengaluru Register now at- svitwebinar.000webhostapp.com DATE : 22 JUNE 2020 TIME : 11 AM TO 12.30 PM E-Certificate will be issued to all the participants</p>
3	Laravel Web Framework	30 th June 2020 11.30am - 12.30pm	Mr. Binod Adhikari , Full Stack Developer, Infidata Technologies.	 <p>Sai Vidya Institute of Technology Department of Computer Science & Information Science Engineering In Association with CSI Student Branch ORGANIZES WEBINAR ON LARAVEL WEB FRAMEWORK Resource Person Binod Adhikari Full Stack Developer Infidata Technologies Register now at- webinarsvit.herokuapp.com Date : 30th June 2020 Timings : 11.30 to 12.30 pm E-CERTIFICATE WILL BE ISSUED TO ALL THE PARTICIPANTS</p>
4	Introduction to Cyber Security	7 th July 2020 11.00am - 12.30pm	Mr. Samarth Bhaskar Bhat , Technical Director, Reverse Engineering, Infosec, Bengaluru.	 <p>SAI VIDYA INSTITUTE OF TECHNOLOGY RAJANUKUNTE, BENGALURU - 560064 DEPARTMENT OF INFORMATION SCIENCE AND COMPUTER SCIENCE & ENGINEERING In Association with SVIT IoT Club, CSI Student Chapter and Reverse Engineering Infosec Organizes Webinar on Introduction to Cyber Security Registration Link : https://forms.gle/mXQ5mcPoodf6T9Zg6 Date: 07 July 2020 Time: 11.00 AM to 12.30 PM E-Certificate will be given to all the participants Faculty Coordinator: Abhijith H V (9480112279) Student Coordinator: Krishna Chaitanya (8050762256) Bharath V S (8971438877)</p>
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	 <p>Sai Vidya Institute of Technology Rajanukunte, Bengaluru-560064 Department of Computer Science & Information Science Engineering IEEE Computational Intelligence Society IEEE CIS/CS STUDENT JOINT SOCIETIES STUDENT BRANCH CHAPTER IEEE COMPUTER SOCIETY Deep Learning for Real World Applications Speaker details: Mr. Arvind C S Senior researcher SBIC-A* Star Singapore On 2/7/2020, 11:00AM-12:30PM All Students and Professionals are Welcome Registration is free. E-Certificate will be Provided. Registration Link: _____ Webinar link: _____ For Queries Contact: Student Coordinator: ESHANYA SVIT CIS/CS STUDENT CHAIR 7259529135 Faculty coordinator: Prof. Sunil GL 9035452240</p>

6	Career Opportunities in IT Industry	10 th July 2020 11.30am - 12.30pm	Mr. Adithya Shyam , Senior Software Engineer, Visteon Technical & Service Center, Bengaluru.	 <p>SAI VIDYA INSTITUTE OF TECHNOLOGY Rajankunte, Bengaluru-44</p> <p>Department of Computer Science & Information Science Engineering In Association with CSI Student Branch Organizes</p> <p>Career Opportunities In IT Industry</p> <p>Date: 10th July 2020 Time: 11:30 am - 12:30 pm Registration link: https://bit.ly/3uwbbsar Google meet link: https://bit.ly/3kntomest</p> <p>E-Certificate will be issued to all the participants who registered</p> <p>Dr. K Ananthpadmanabha HOD, CSE Dr. Vrinda Shetty HOD, ISE Dr. H.S.Ramesh Babu Principal</p>
7	Know you New you	11 th July 2020 3.00pm - 4.30pm	Mr. Saravana Prabhu Subramanian Software Engineer at Amazon	 <p>Sai Vidya Institute of Technology Rajankunte Bengaluru-560064</p> <p>Department of Information Science and Computer Science & Engineering In Association with Art of Living and CSI Student Chapter Organizes</p> <p>Speaker:-  SARAVANA PRABHU SUBRAMANIAN Life Skills Coach Art of Living Institutions & Youth Programs Coordinator, Tamil Nadu & Puducherry</p> <p>AN INTRODUCTION TO MENTAL & PHYSICAL WELL BEING</p> <p>Know You! New You!</p> <p>Online Session Prior Registration Must Date: 11th July 2020 Time: 3:00pm to 4:30pm Registration Link: https://bit.ly/2Dw03Ux</p> <p>Faculty Coordinator: Saravna P.H. 7982215021 Student Coordinators: Kshanya 7239429136, Srini Shetty: 8217623258</p> <p>Dr. Vrinda Shetty HOD, ISE Dr. K Ananthpadmanabha HOD, CSE Dr. H S Ramesh Babu Principal</p>
8	Importance of Clustering in Machine Learning	16 th July 2020, 11.30 am - 12.30pm	Mr. Chetan Shetty Lead Data Scientist, HCL Technologies	 <p>Sai Vidya Institute of Technology Department of Computer Science & Information Science Engineering In Association with CSI Student Branch ORGANIZES</p> <p>Webinar on Importance Of Clustering in Machine Learning</p> <p>Register now at : https://forms.gle/c2w4j1DUu7vXG66 Google meet link : https://meet.google.com/jnq-teru-ohl?hs=122&authuser=3</p> <p>Date : 16th July 2020 Time: 11:30 am to 12:30 pm</p> <p>E-CERTIFICATE WILL BE GIVEN TO ALL PARTICIPANTS</p> <p>Dr.K.Ananthpadmanabha HOD,CSE Dr.Vrinda Shetty HOD,ISE Dr.H.S.Ramesh Babu Principal</p>
9	Agile using Jira/TFS and Continuous Software Development(CI/CD)	21 st July 2020, 9.30 am – 11.00am	Mr.Sathish Kumar KV Technical Program Manager Dell Technologies	 <p>SAI VIDYA INSTITUTE OF TECHNOLOGY Department of Computer Science & Information Science Engineering In Association with CSI Student Branch ORGANIZES</p> <p>WEBINAR ON Agile using Jira/TFS and Continuous Software Deployment (CI/CD)</p> <p>Registration link: https://forms.gle/87b7vTc64329d Google meet link: https://meet.google.com/ufz-3wvt-gry?hs=122&authuser=1</p> <p>Date: 21st July 2020 Time: 9:30 AM to 11:00 AM</p> <p>E-Certificate will be provided</p> <p>SPEAKER SATHISH KUMAR KV Technical Program Manager Dell Technologies</p> <p>Faculty Coordinators Deeksha Hegde, Dept of CSE Meghashree, Dept of CSE Student Coordinators B G Vinayak Nachiketh N</p>

14	Robotic Process Automation	15th Oct 2020 10.00 AM - 11.00 AM	Ankur Kumar Software Engineer, Tech Mahindra	 <p>SAI VIDYA INSTITUTE OF TECHNOLOGY Rajankunte, Bengaluru 560064</p> <p>Department of Computer Science & Information Science Engineering In Association with CSI Student Branch, Region V ORGANIZES WEBINAR ON ROBOTIC PROCESS AUTOMATION Webinar Speaker</p> <p>DATE - 15th OCTOBER, 2020 TIME - 10:00 AM TO 11:00 AM REGISTRATION LINK https://forms.gle/kmdz3wBDTgkmi2p7</p> <p>E-Certificates will be issued to all participants</p> <p>Faculty Coordinators Mrs. Mamatha A, Dept. of CSE Dr. Sangeetha V, Dept. of ISE Student Coordinator Nishanth N, Dept. of CSE</p> <p>Webinar Speaker Ankur Kumar Software Engineer Tech Mahindra</p> <p>Dr. Vrinda Shetty HOD, ISE Dr. K. Ananthapadmanabha HOD, CSE Dr. H. S. Ramesh Babu Principal</p>
15	Webinar on "Trend in SAP"	3rd Nov 2020 11.30 am to 1.00 pm	Mr Satish V Manager, Capgemini	 <p>Sai Vidya Institute of Technology Department of Information Science & Computer Science Engineering In Association with CSI Student Branch Region V ORGANIZES</p> <p>Webinar on "Trend in SAP"</p> <p>Webinar Speaker : Satisha V Manager Capgemini</p> <p>DATE - 3 NOV 2020 TIME - 11:30 AM TO 1:00 PM</p> <p>Faculty Coordinator : - Dr. Sangeetha V, Assoc. prof., Dept. of ISE - Dr. Komala C R, Assoc. prof., Dept. of ISE</p> <p>Register At : https://forms.gle/xJBkInbS2nAxIDty9</p> <p>Student Coordinator : - Reetik Chitragupt, Dept. of ISE</p> <p>Dr. K. Ananthapadmanabha HOD, CSE Dr. Vrinda Shetty HOD, ISE Dr. H. S. Ramesh Babu Principal</p>
16	Open Source	9th Nov 2020 5.00pm to 6.00pm	1. Tushar Pandey 2. Harish Kumar	 <p>IEEE SVIT STUDENT BRANCH</p> <p>IEEE CS Chapter BMSIT&M in collaboration with IEEE CS/CIS JOINT Chapter SVIT</p> <p>Webinar on OPEN SOURCE</p> <p>Speakers 1. Tushar Pandey 2. Harish Kumar</p> <p>Date: 9th Nov 2020 Time: 5 PM Venue: Google meet</p> <p>IEEE</p>
17	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	 <p>Sai Vidya Institute of Technology Rajankunte, Bengaluru 560064</p> <p>Department of Information Science and Computer Science Engineering In Association with CSI Student Branch Region V</p> <p>ORGANIZES WEBINAR ON Machine Learning Applications in Healthcare</p> <p>Resource Person</p> <p>Dr. P. Priyanga Associate Professor, Dept. of CSE Global Academy of Technology Bengaluru</p> <p>DATE - 19/11/2020 TIME - 11:30am - 12:30pm</p> <p>E-Certificates will be issued to all the participants. Registration link for the webinar: https://forms.gle/3nbcvqy3TJ4xv777</p> <p>Faculty Coordinators Dr. Sangeetha V, Dept. of ISE Mrs. Mamatha A, Dept. of CSE</p> <p>Student Coordinator Sharanya G S, Dept. of ISE</p> <p>Dr. Vrinda Shetty HOD, ISE Dr. K. Ananthapadmanabha HOD, CSE Dr. H. S. Ramesh Babu Principal</p>

Toppers Meet

Department of Computer 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.



Principal and HOD's of CSE & ISE Department graced the occasion.



Dr. H S Ramesh Babu, Principal, SVIT Addressing the students.



Toppers receiving certificates from Dr. H S Ramesh Babu Principal SVIT.



Toppers receiving certificates from Dr. Ananthapadmanabha K, HOD, SVIT.

Student Publications

Sl. No.	USN	Name	Title of the Paper	Name of the Journal/ Conference	Publication details (Volume, Issue, Page number, Year)	ISBN/ISSN
1	1VA16CS006	Anil Kumar DV	Location Based Prediction of Crops, Analysing the Yield and Market Demand using R-Forest and MLR Algorithms	International Journal of Engineering Applied Sciences and Technology (IJEAST)	Volume 5, Issue 1, Pages 507-512, May 2020	ISSN No. 2455-2143
2	1VA16CS001	AC Shravya				
3	1VA16CS008	Anusha S Petakar				
4	1VA16CS015	Dheekshitha R				
5	1VA16CS007	Anirudh MV	HelpApp – A WiFi direct based disaster management application	INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY	Volume-6, Issue-3, Pages 553-556, June 2020	ISSN: 2454-132X
6	1VA16CS039	Prashant Singh				
7	1VA16CS042	Rajat Kumar Panda				
8	1VA16CS060	Yash Dubey				
9	1VA16CS072	SHIVAKUMAR S	Driver Drowsiness Detection Using Haarcascade Algorithm	International Journal of Research in Engineering, Science and Management	Volume-3, Issue-8, Pages 59-60, August-2020	ISSN: 2581-5792
	1VA16CS069	MEGHANA N				
10	1VA16CS070	MOHAMMAD NAYAZ				
11	1VA16CS071	SHARATH V				
12	1VA16CS012	Bheemisetty Aman	Face recognition for attendance	International Research Journal of Modernization in Engineering Technology and Science	Volume 2, Issue 06, Pages 1125-1128, June - 2020	ISSN-2582-5208
13	1VA16CS011	Bhavishya Lakshmi Karnatakama				
14	1VA16CS020	Guru Shankar L				
15	1VA16CS026	Kavana HM				
16	1VA16CS025	KARTHIK RAO B	Need for Fog Computing in IoT	International Research Journal of	Volume:02/ Issue:07,	ISSN: 2582-5208

17	1VA16CS033	NADIR AQDUS K S		Modernization in Engineering Technology and Science	Pages 70-73, July-2020	
18	1VA16CS046	SHASHANK J				
19	1VA16CS066	MOHANKUMAR T R				
20	1VA16CS031	Madhura G Prasad	Detection of leaf disease and pesticides recommendation using CNN.	International Journal of Research in Engineering, Science and Management (IJRESM)	Volume-3, Issue-6, Pages 642- 644, June- 2020	ISSN: 2581- 5792
21	1VA16CS044	Sanhitha P				
22	1VA16CS048	Shilpa E				
23	1VA17CS400	Mamatha M				
24	1VA16CS064	AISHWARYA G	Detection of Brain Tumor from MRI Images and Predicting the Best Therapy	National Conference on Emerging Trends in Engineering(NCETE- 20), In association with InSc	14th- 15th June 2020, Pages 301- 306- Conference Proceedings	E-ISBN: 978- 81-946370- 4-2
25	1VA16CS062	YASHASWINI TM				
26	1VA16CS055	VARSHITHA M				
27	1VA16CS052	MATADA SOUMYA				
28	1VA16CS004	ADITHI M	Prediction of Terrorism Activities using Supervised Machine Learning Techniques	International Journal for Science and Advance Research in Technology(IJSART)	Volume 6, Issue 7, Pages 662-666, July 2020	ISSN: 2395- 1052
29	1VA16CS010	BHAVANA G V				
30	1VA16CS014	CHAITRA K				
31	1VA16CS050	SHRAVYA G				
32	1VA16CS041	Purshotham A	Voice Based E- mail System For Visually Impaired	International Journal of Research in Engineering, Science and Management	Volume-3, Issue-8, Pages 51-54, August-2020	ISSN: 2581- 5792
33	1VA16CS056	Veerabhadra Jade				
34	1VA15CS054	Suhas A V				
35	1VA16CS022	J SARAVANA				
35	1VA17CS047	SATWIK RAM K	SMART AUTOMATION ATTENDANCE SYSTEM USING NEURAL	Second International Conference on Topical Transcends in Science,	12th July 2020, Pages 75-82, SVIT	Conference Proceedings

Students Achievement

1. **Mr. Anirudh M V & Mr. Suhas A V** team had got 1st place in the Battle of Bands which was conducted by by SIT Tumkur on 27th February 2020.



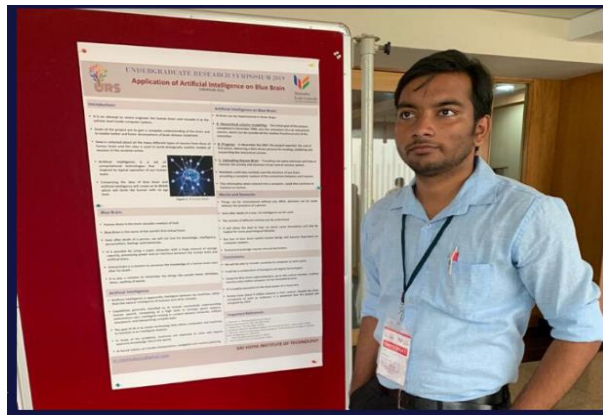
TCS Tech Bytes at SIT Tumkur

2. **Ms. Disha Chiplonker, Ms. Thanushree C& Mr. Arjun** had Won First Prize in the **Quiz** which was conducted by Brindavan College of Engineering on 1/10/2019.



Won 1st Place in Quiz

3. **Mr.Intekhab Aziz** was one of the the finalist in the **Poster Presentation** which was conducted by Undergraduate Research Symposium, MEC Hyderabad.



Finalist in Poster Presentation, MEC, Hyderabad.

- 4.**Mr. Anirudh M V** ranked among Top 50 in 5th CSI Discovery Thinking Programming Contest.



Ranked among 50 in 5th CSI Discovery

5. **Mr. Shashank J** Third Place in National Level Rakathon, Rakuten Banglore which was conducted on 9th& 10th of NOV 2019.

6. **Mr. YASH DUBEY , Mr. ANIRUDH M V ,Mr. PRASHANT SINGH, Mr. RAJAT KUMAR PANDA** received KSCST Project Funds for the Project “CHAT APPLICATION FOR DISASTER STRUCK AREAS” in the 43rd Series of Student Project Programme: 2019-20 under the Guidance of Mrs. Deeksha Hegde.

Academic Achievements

SL.NO	Events	No. of Students Participated/Enrolled
1.	Coursera	510
2.	NPTEL	25
3.	UDEMY	10
4.	Internship	5
5.	Workshops	7
6.	Webinars	32
7.	Google Cloud	25
8.	Microsoft Technology	22

Forum Technics Activities



Balance It



Moving Pyramid



Twisted Tower



Step it up

Co-curricular Achievements

SL.NO	USN	Name Sem	Date	NAME OF THE EVENT	Achievements
1.	1VA17CS054	SURAJ UPADHYA V Sem	01 st OCTOBER 2019	QUIZ COLOSSUS 2K19, BRINDHAVAN COLLEGE	PARTICIPATED
2.	1VA17CS052	SIRISHA D G V Sem			
3.	1VA17CS002	ABHINANDAN V Sem			
4.	1VA17CS041	RAKSHITH V R V Sem			
5.	1VA17CS027	MYTHRI B V Sem			
6.	1VA17CS045	SANJANA ARUN KUMAR V Sem			
7.	1VA17CS044	SAMPADA NAIK V Sem			
8.	1VA17CS036	PRATHIKSHA M V Sem			
9.	1VA17CS057	LISHA U V Sem			
10.	1VA17CS063	ADITHI M V Sem	08 th NOVEMBER 2019	GROUP SINGING VTU YOUTH FEST SDMCET DHARWAD	PARTICIPATED
11.	1VA17CS035	PRANITHA Y V Sem	01 st OCTOBER 2019	QUIZ COLOSSUS 2K19, BRINDHAVAN COLLEGE	PARTICIPATED
12.	1VA17CS015	HARSHITHA T V Sem		TREASURE HUNT COLOSSUS 2K19, BRINDHAVAN COLLEGE	
13.	1VA17CS042	RICHA TIWARY V Sem			

14.	1VA17CS037	PRATHYUSH KUMAR MISHRA V Sem			
15.	1VA17CS064	NAMDAMPALLI LAVANYA V Sem			

TECH VIDYA 2K19

SL.NO	USN	NAME	SEM	EVENT NAME	PLACE WON
1.	1VA17CS063	ADITI M SHROUTHY	V	SEARCH IT TECH VIDYA 2K19, SVIT	THIRD PLACE
2.	1VA17CS006	ANUHYA VANGITA	V	SEARCH IT TECH VIDYA 2K19, SVIT	THIRD PLACE
3.	1VA17CS040	RAKESH M R	V	WEBATHON TECH VIDYA 2K19, SVIT	SECOND PLACE
4.	1VA17CS001	A N ANSHUMAN	V	CRYPTOHUNT, TECH VIDYA 2K19, SVIT	FIRST PLACE
5.	1VA17CS008	ARJUN A	V	CRYPTOHUNT, TECH VIDYA 2K19, SVIT	FIRST PLACE
6.	1VA17CS013	DISHA CHIPLONKER	V	CRYPTOHUNT, TECH VIDYA 2K19, SVIT	FIRST PLACE
7.	1VA17CS056	THANUSHREE C	V	CRYPTOHUNT, TECH VIDYA 2K19, SVIT	FIRST PLACE
8.	1VA17CS008	ARJUN A	V	SEARCH IT, TECH VIDYA 2K19, SVIT	SECOND PLACE
9.	1VA17CS013	DISHA CHIPLONKER	V	SEARCH IT, TECH VIDYA 2K19, SVIT	SECOND PLACE
10.	1VA17CS008	ARJUN A	V	PHOTOGRAPHY, TECH VIDYA 2K19, SVIT	SECOND PLACE
11.	1VA17CS010	B G VINAYAK	V	WEBATHON, TECH VIDYA 2K19, SVIT	SECOND PLACE
12.	1VA16CS064	AISHWARYA G	VII	PAPER PRESENTATION, TECH VIDYA 2K19, SVIT	SECOND PLACE
13.	1VA17CS054	SURAJ UPADHYA	V	CRYPTOHUNT, TECH VIDYA 2K19, SVIT	THIRD PLACE
14.	1VA17CS054	SURAJ UPADHYA	V	APP DEV, TECH VIDYA 2K19, SVIT	SECOND PLACE
15.	1VA16CS055	VARSHITHA M	VII	PAPER PRESENTATION, TECH VIDYA 2K19, SVIT	SECOND PLACE
16.	1VA17CS001	ANSHUMAN A N	V	APP DEV, TECH VIDYA 2K19, SVIT	SECOND PLACE
17.	1VA16CS007	ANIRUDH M V	VII	COUNTER STIKE, TECH VIDYA 2K19, SVIT	SECOND PLACE

18.	1VA16CS007	ANIRUDH M V	VII	COMPETITIVE CODING, TECH VIDYA 2K19, SVIT	SECOND PLACE
19.	1VA17CS041	RAKSHITH V R	V	TECH-O-GRAPH TECH VIDYA 2K19, SVIT	SECOND PLACE
20.	1VA17CS041	RAKSHITH V R	V	CRYPTOHUNT, TECH VIDYA 2K19, SVIT	THIRD PLACE
21.	1VA17CS042	BHAVANA G	V	SEARCH IT, TECH VIDYA 2K19, SVIT	FIRST PLACE
22.	1VA17CS034	PRAJWAL SRINIVAS	V	SEARCH IT, TECH VIDYA 2K19, SVIT	FIRST PLACE
23.	1VA17CS042	BHAVANA G	V	TECH QUIZ, TECH VIDYA 2K19, SVIT	THIRD PLACE
24.	1VA17CS034	PRAJWAL SRINIVAS	V	TECH QUIZ, TECH VIDYA 2K19, SVIT	THIRD PLACE

FDP/ Workshops attended by Faculty

Sl. No.	Name of the Teacher	Name of the FDP/ Workshop	Place	No. of Days
1.	Dr. Archana R A	Outcome Based Education(OBE) and NBA Accreditation	Bengaluru	05 Days
2.	Dr. Archana R A	Knockdown the Lockdown	Chikodi	10 Days
3.	Dr. Archana R A	Python Programming through INFYTQ Platform	Bengaluru	8 Days
4.	Mrs. Sreelatha P K	Research and Publication Ethics	Bengaluru	05 Days
5.	Mrs. Nagashree C	Python for Data Analysis	Bengaluru	03 Days
6.	Mrs. Nagashree C	Big Data Analytics Using Spark and Scala	Bengaluru	07 Days
7.	Mrs. Nagashree C	Contemporary Research in Electronics & Communications and Computer Science	Kalburgi	05 Days
8.	Mrs. Deeksha Hegde B	Big Data Management: An End-to-End Perspective	Bengaluru	05 Days
9.	Mrs. Deeksha Hegde B	Machine Learning	Bengaluru	05 Days
10.	Mrs. Meghashree E M	Role of Education for Industry	Bengaluru	05 Days

		4.0: Challenges & Opportunities		
11.	Mrs. Meghashree E M	Machine Learning	Bengaluru	05 Days
12.	Mrs. Mamatha A	Machine Learning	Bengaluru	05 Days
13.	Mrs. Mamatha A	Online Learning and Assessment System	Kalburgi	05 Days
14.	Mrs. Mamatha A	Natural Language Processing	Bengaluru	05 Days
15.	Mrs. Mamatha A	LATEX	Bengaluru	03 Days
16.	Mr. Santosh Reddy P	Outcome Based Education (OBE) and NBA Accreditation	Bengaluru	05 Days
17.	Mr. Santosh Reddy P	NAAC Assessment & Accreditation: A Step by Step Process	Gooty	03 Days
18.	Mr. Santosh Reddy P	Machine Learning	Bengaluru	05 Days
19.	Mr. Santosh Reddy P	Data Science Concepts-Theoretical & Practical Approach	Bengaluru	05 Days
20.	Mr. Santosh Reddy P	Big Data Management: An End-to-End Perspective	Bengaluru	05 Days
21.	Mr. Santosh Reddy P	Online Learning and Assessment System	Kalburgi	05 Days
22.	Mr. Santosh Reddy P	Exploring & Analyzing Linked Enterprise Data in Semantic Web	Bengaluru	03 Days

MOOC Certification by Faculties

Sl.No	Faculty Name	NO of Courses Completed
1	Mr. Santosh Reddy P	13
2	Ms. Meghashree E M	9
3	Ms. Deeksha Hegde B	9
4	Ms. Mamatha A	6

5	Ms. Sreelatha P K	3
6	Dr. Archana R A	3
7	Ms. Nagashree C	2

Faculty Publications

SL-NO	Faculty Name	Title of the Paper	Name of the Journal/Conference
1	Dr. Ramesh Babu H S	Intelligent Determination of Shortest Route for Troop Movement in Operations by Applying ISR in Wireless Sensor Networks.	Studies in Indian Place Names ISSN: 2394-3114 Vol.40 , Issue-70, March 2020
2	Dr. Archana R A	A Key Management of Security to Design Enhanced Apache and Rhino Utilities in Big Data Using Hadoop.	Institute of Scholars
3	Dr. Archana R A	Protecting Big Data Sets from Unauthorized Users on Cloud.	3rd Biennial International Conference on Recent Trends in Image Processing and Pattern Recognition(RTIP2R,2020)
4	Prof. Sreelatha P K	Review on Cervical Cancer Screening Using Neural Network	Test Engineering and Management (ISSN : 0193-4120)
5	Prof. Sreelatha P K	Face Recognition For Attendance	International Research Journal of Modernization in Engineering Technology and Science e-ISSN: 2582-5208 Volume:02 Issue:06
6	Prof. Santosh Reddy P	The Study on Lung Cancer Prediction Using Data Mining Techniques Towards HDFS.	International Journal of Advanced Research in Engineering and Technology- Volume 11, Issue 7, 2020 ISSN: 0976-6480
7	Prof. Santosh Reddy P	An Efficient Classification Algorithm for Lung Cancer Prediction Using Big Data Analytics.	International Journal of Advanced Research in Engineering and Technology- Volume 11, Issue 7, 2020 ISSN: 0976-6480

8	Prof. Santosh Reddy P	Leaf Disease Detection Recommendation of Pesticide Using CNN	International Journal of Research in Engineering, Science & Management (IJRESM) Volume 3, Issue 6 June 2020
9	Prof. Mamatha A	Location Based Prediction of Crops, Analysing the Yield and Market Demand using R-Forest and MLR Algorithms	International Journal of Engineering Applied Sciences and Technology (IJEAST) Volume 5, Issue 1, Pages 507-512, ISSN No. 2455-2143
10	Prof. Mamatha A	Voice Based E-mail System For Visually Impaired	International Journal of Research in Engineering, Science and Management Volume-3, Issue-8 ISSN: 2581-5792
11	Prof. Sunil G L	Driver Drowsiness Detection Using HaarCascsde Algorithm	International Journal of Research in Engineering, Science and Management (IJRESM) Volume-3 Issue-8
12	Dr. Archana R A	Predicting the Risk of Diabetes in Healthy Population through Machine Learning	2nd International Conference on Topical Transcends in Science, Technology & Management-JUL 2020
13	Dr. Archana R A	Spam Email Filtering Using Neural Networks	2nd International Conference on Topical Transcends in Science, Technology & Management -JUL 2020
14	Dr. Archana R A	Development of Security Clustering Process for Big Data in Cloud	5th International conference on ICT for Sustainable Development, GOA, INDIA - JUL 2020