

SAI VIDYA INSTITUTE OF TECHNOLOGY

Rajanukunte, Bengaluru 560 064



Vision

Architect DEDICATED and INTELLIGENT Information Technology Engineers to address evolving GLOBAL NEEDS.

Mission

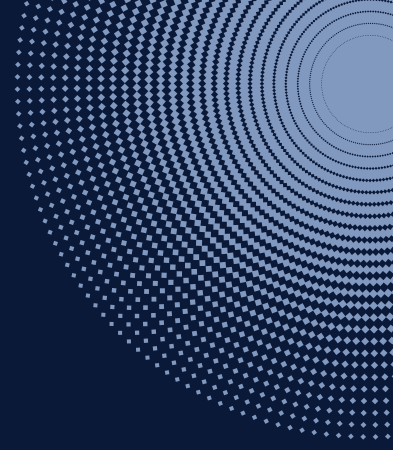
To provide quality education in information science engineering by creating and nurturing innovative and technologically steadfast learning environment.
To inculcate moral ethics in students enabling them to become socially committed professionals with leadership qualities.



**DEPARTMENT OF
INFORMATION SCIENCE
AND ENGINEERING**

PATRIKA

Newsletter
(Feb 2022 – Aug 2022)



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 EMPHASIS ON ACADEMICS, DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING ALSO MOTIVATES AND NOURISHES STUDENTS AND STAFF MEMBERS IN CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES. 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 2021-22 & 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"

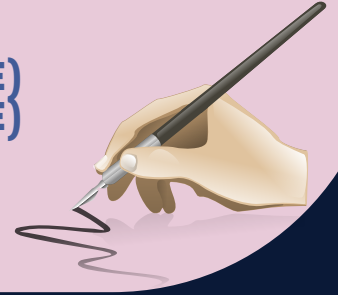
I AM VERY PLEASED TO PRESENT THE "PATRIKA"- NEWSLETTER OF INFORMATION SCIENCE AND ENGINEERING DEPARTMENT, SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU. THIS NEW ENDEAVOUR IS THE RESULT OF THE EFFORTS PUT IN BY A DEDICATED TEAM OF TEACHERS AND STUDENTS. THE "PATRIKA" OFFERS A PLATFORM FOR SHOWCASING OUR 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 Editors : Dr. Abhijith H V (ASSOCIATE PROFESSOR , DEPT OF ISE)
Prof. Manjushree T.L (ASSISTANT PROFESSOR , DEPT OF ISE)

Student Members : Ishika Naveen (7th Sem , DEPT OF ISE)
Akshay C U (7th Sem , DEPT OF ISE)



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Dr. Vrinda Shetty
Professor and Head
B.E, M.Tech ,Ph.D

Dr. Abhijith H V
Associate Professor
B.E, M.Tech ,Ph.D

Prof. Mary M D'souza
Assistant Professor
B.E , M.Tech

Prof. Santhosh Y N
Assistant Professor
B.E , M.Tech

Prof. Radha R
Assistant Professor
B.E , M.Tech

Prof. Deepa Pattan
Assistant Professor
B.E , M.Tech

Prof . Nagaratna C
Assistant Professor
B.E , M.Tech(Ph.D)

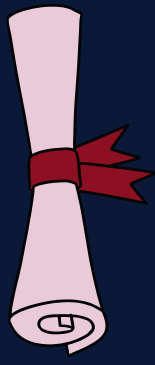
Prof. Manjushree T L
Assistant Professor
B.E , M.Tech

Prof. Vidya H A
Assistant Professor
B.E , M.Tech

Prof.Anitha MC
Assistant Professor
B.E , M.Tech

Prof.Kumaresh Sheelavant
Assistant Professor
B.E , M.Tech(Ph.D)





MOOC CERTIFICATION DETAILS

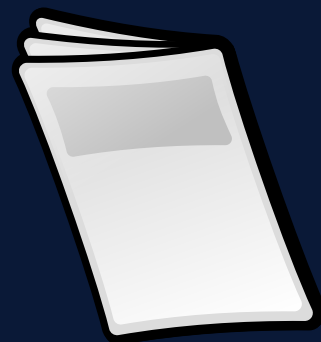
Sl No.	Faculty Name	No. of MOOC Courses
1	Dr. Vrinda Shetty	06
2	Prof. Mary M D'souza`	01
3	Dr. Abhijith H V	01
4	Prof. Radha R	01
5	Prof. Deepa Pattan	03
6	Prof . Nagaratna C	04
7	Prof.Manjushree T L	04
8	Prof.Anitha MC	03

No. of Students	185
No. of Certifications	494

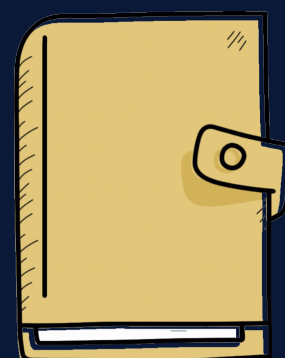


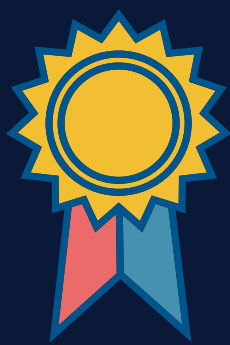


FACULTY PUBLICATION



NAME OF THE AUTHOR/S	TITLE OF PAPER	NAME OF JOURNAL	YEAR OF PUBLICATION
DR.VRINDA SHETTY	"IMPLEMENTATION OF ENHANCED SPIDER MONKEY OPTIMIZATION FOR D2D COMMUNICATION THROUGH IOT"	JOURNAL OF SYSTEM AND MANAGEMENT SCIENCE	VOL 12 (2022) SCOPUS
DR. ABHIJITH H V	PEER CONNECT - LIVE VIRTUAL EVENT PLATFORM BY USING WEB SERVER	7TH INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEM (ICCES)	JUNE 2022





FACULTY ACHIEVEMENT

SL NO.	Name of the Faculty	Achievements
1	Prof.Santhosh Y.N	Filed up the Patent 1 <u>Title of the Invention:</u> “Method for Minimizing Method for Minimizing the Radiation level of Smart Phones ” Filed up the Patent 2 <u>Title of the Invention:</u> “Method for Protecting the Sensitive Information of the Mobile Users”





STUDENT ACHIEVEMENTS



SL NO	Name of the Students	Achievements
1	Mohammed Imran, Manoj Bhat, Pal Yash Sanjay, Rakshith Reddy A	Received a Fund of Rs 5000/- from KSCST for the Project "PEERCONNECT – LIVE VIRTUAL EVENT PLATFORM"
2.	Tejas Vinay, Monish B M, Rajesh	Secured first place in Project Exhibition-2022 held at .SVIT Project Title : Aperta- "Blockchain Driven Decentralized social platform"
3.	Ishika Naveen, Akshay C.U, Hrithik G, Dhanush Bhat, Lokesh S	Participated in Smart India Hackathon 2022 held at Pune. Problem Statement : Attendance system in government aided schools.
4.	Abhay Onkar, Lokesh S	Undergone internship in Lab To Market Innovation Private Limited Society for Innovation and Development(SID) IISc, Bangalore
5.	Chandan M	Secured 2nd place in paper presentation in 17th Karnataka ISTE student convention themed as "Sustainable Development through innovative teaching field" on 23rd July 2022
6.	Hrithik G	Secured first place in inter-college short movie competition at BMSIT ,Bangalore



SMART INDIA
HACKATHON
2022

SMART INDIA HACKATHON 2022



ISHIKA NAVEEN , AKSHAY C U , HRITHIK G , DHANUSH BHAT AND LOKESH S PARTICIPATED IN SMART INDIA HACKATHON 2022 HELD AT PUNE.

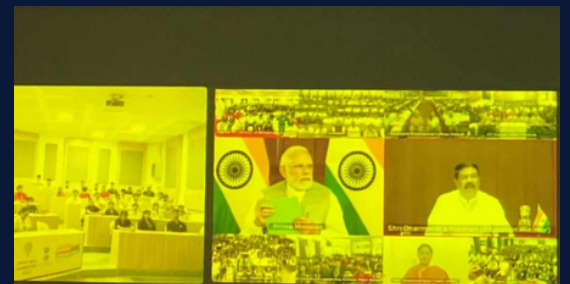
MINISTRY: GOVERNMENT OF MAHARASHTRA.

PS CODE: OS871

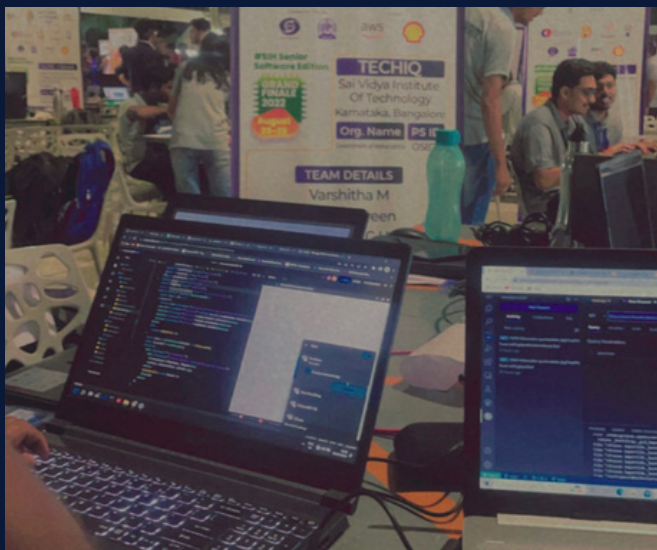
PROBLEM STATEMENT TITLE: ATTENDANCE SYSTEMS FOR STUDENTS OF GOVERNMENT AIDED SCHOOLS.

TEAM NAME: TECHIQ

THEME NAME: SMART EDUCATION



Hon'ble PM Narendra Modi interacting with SIH 2022 Finale participants





Ideas

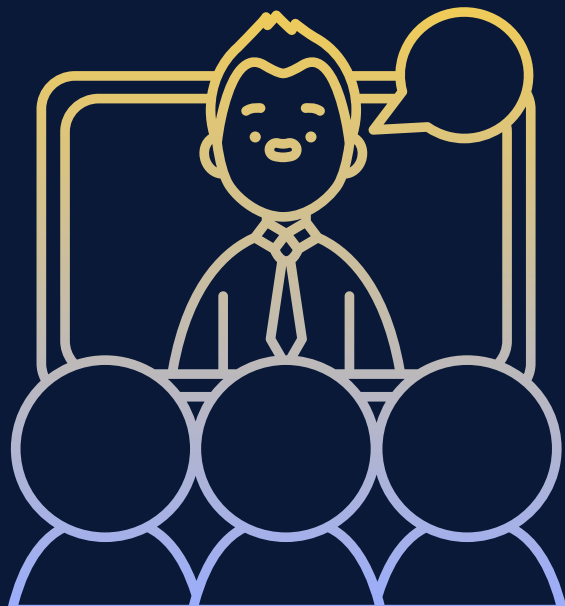




WEBINARS AND WORKSHOPS CONDUCTED IN AY 2021-22

Sl. no	Event	Date and Time	Resource Person	Photos
1.	5 days FDP "Mobile Application Development"	6 th - 10 th April 2022 9:00 AM to 4:00 PM	Dr. Srinidhi N N Professor , Reva University, Bangalore Mr.NithinKumar Assistant Professor, VVCE Mysuru Mr. Bharath K.R Software Developer, spurtreetech Mr. Pradeep Kumar K Assistant Professor CSE,SVIT	
2.	3 days student development program on "Recent Trends in information and technology"	18th to 20th May 2022 9:00 AM to 4:00 PM	Dr.Shobha MC Associate Professor,BMSIT, Bangalore Dr.AbhijithHV HOD,CSE(DS) SVIT,Bangalore	

3.	"Bootcamp workshop on Backend Development"	28th April- 2nd May 2022 9:00 AM to 4:00 PM	Mrs Priya Jha Chief Operating officer , Apni shiksha, Bangalore	
4.	"Microsoft Certification workshop on Artificial Intelligence and Machine Learning "	17th May- 21st May 2022 9:00 AM to 4:00 PM	Mr. Arib Nawal Technical Trainer ATS Infotech Private Limited New Delhi	



FDP ATTENDED BY FACULTY



Sl. No.	Name of Teacher	Title of Program	Duration and date of attend
1.	Dr. Vrinda Shetty	"Mobile Application Development"	5days(6th April to 10th April 2022)
		"Fine tuning of NEP compience syllabus"	"Fine tuning of NEP compience syllabus"
2.	Dr.Abhijith H V	"Mobile Application Development"	5days(6th April to 10th April 2022)
3.	Prof. Mary M Dsouza	"Open Tools for Research & Development"	3days(5th Feb to 7th Feb 2022)
		"Inculcating Universal Human values in Technical Education"	28th March to 1st April 2022)
		"Mobile Application Development"	5days(6th April to 10th April 2022)
4.	Prof. Santhosh Y N	"Mobile Application Development"	5days(6th April to 10th April 2022)

5.	Prof. Deepa Pattan	"Mobile Application Development"	5 days (6th April to 10th April 2022)
		An Overview of Teaching Techniques in Mathematics laboratory using python Programming	5 days (21st Feb to 25th Feb 2022)
		Cyber Security	5 days (14th March to 18th March 2022)
		Data Analytics and Machine Learning	5 days (21st March to 25th March 2022)
		Natural Language Processing	5 days (25th July to 29th July 2022)
		"Amazon Web Services"	5 days (22nd August to 27th August 2022)
6.	Prof. Manjushree T L	"An Overview of Teaching Techniques in Mathematics Laboratory Using Python Programming"	5 days (21st Feb to 25th Feb 2022)
		"AI and ML for Intelligent Applications Using Python and MATLAB"	5 days (28th Feb to 4th March 2022)
		"Block chain and Applications"	5 days (7th March to 11th March 2022)
		"Microsoft Azure Machine Learning & Artificial Intelligence"	5 days (15th March to 17th March 2022)
		"International Faculty Development Programme on "Data Analytics and Machine Learning"	5 days (21st March to 25th March 2022)
		"Mobile Application Development"	5 days (6th April to 10th April 2022)
		"Designing and Modeling of IOT, AI & ML Systems"	5 days (1st August to 5th August 2022)
		"Amazon Web Services"	5 days (22nd August to 27th August 2022)

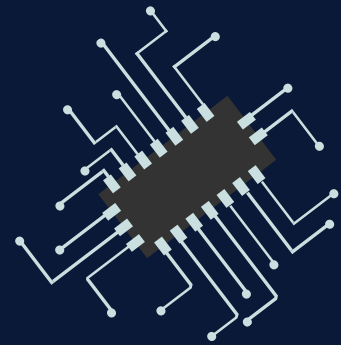
7.	Prof.Vidya H A	“Inculcating UHV in technical education”	5 days(9th May to 13th May 2022)
		“Mobile Application Development”	5days(6th April to 10th April 2022)
8.	Prof. Radha R	“Mobile Application Development”	5days(6th April to 10th April 2022)
		“Block chain and Applications”	5days(7th March to 11th March 2022)
		“Designing and Modeling of IOT ,AL&ML Systems”	5 days(1st August to 5th August 2022)
9.	Prof.Nagaratna C	“Mobile Application Development”	5days(6th April to 10th April 2022)
		“An Overview of Teaching Techniques in Mathematics Laboratory Using Python Programming”	5 days(21st Feb to 25th Feb 2022)
10.	Prof.Anitha MC	International Faculty Development Programme on “Data Analytics and Machine Learning”	5 days(21st to 25TH March 2022)
		“Mobile Application Development”	5days(6th April to 10th April 2022)
		“Designing and Modeling of IOT ,AL&ML Systems”	5 days(1st August to 5th August 2022)
11.	Prof.Kumaresh Sheelavant	“Amazon Web Services”	5days(22nd August to 27th August 2022)

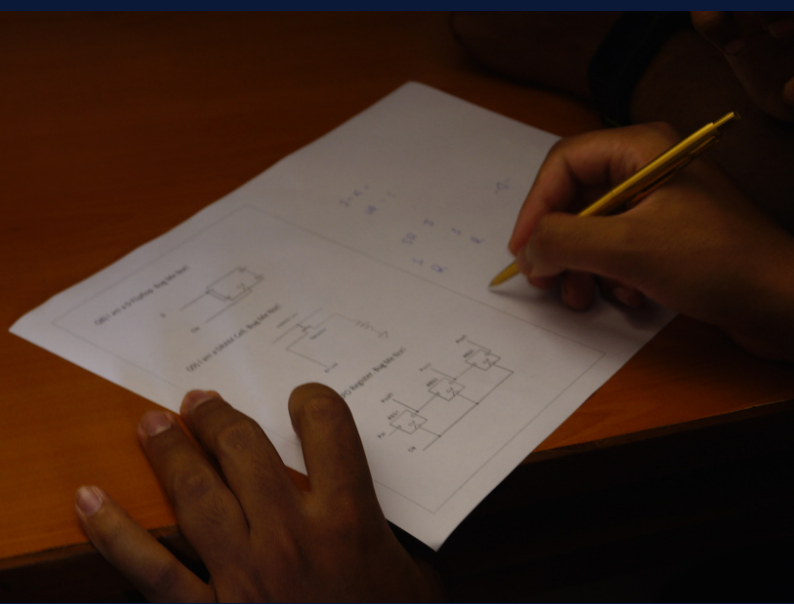
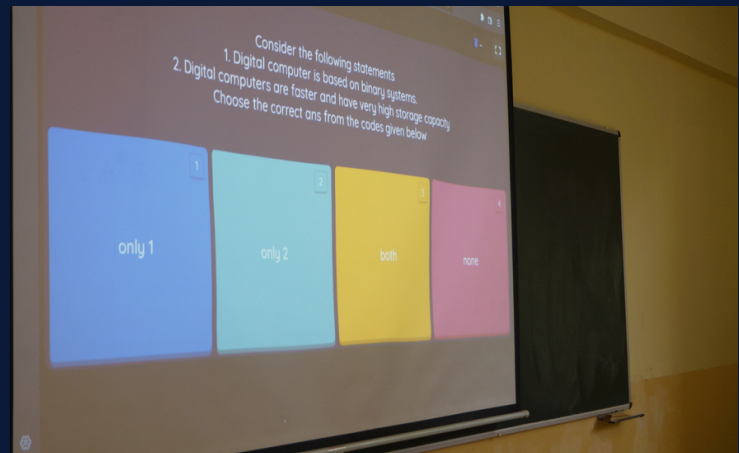
STATE LEVEL - TWO DAY TECHNICAL FEST

“TECH VIDYA 2K22” WITH THE THEME “GENESIS” WAS CONDUCTED ON 22 ND AND 23 RD OF JUNE 2022. MORE THAN 150 STUDENTS PARTICIPATED FOR THE TWO-DAYS TECHNICAL FEST AND PARTICIPATED IN EVENTS SPANNING OVER VARIOUS BRANCHES.

THE FEST WAS EXECUTED WITH A TOTAL OF 27 EVENTS PLANNED AND ORGANIZED AT ITS BEST OF QUALITY. HACKATHON , PROJECT PRESENTATION, CRYPTO HUNT, BLIND CODING WERE SOME AMONG THE EVENTS CONDUCTED.

GLIMPSE OF TECH VIDYA 2K22

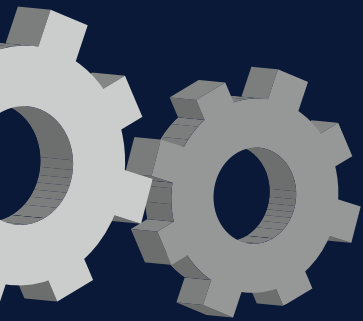






INDUSTRIAL VISIT

INDUSTRIAL VISIT TO GOVERNMENT TOOL ROOM AND TRAINING CENTRE (GTTC) IN BELAGOLA INDUSTRIAL AREA, MYSORE, BY IEEE MYSORE SUBSECTION STUDENT CONGRESS FOR 4TH SEMESTER STUDENTS.



Mysuru, Karnataka, India
Government Tool Room Training Center, Metagalli,
Mysuru, Karnataka 570003, India
Lat 12.366867°
Long 76.621132°
15/07/22 02:45 PM





PROJECT EXHIBITION FOR AY 2021-22

An intra-college Project exhibition was organized by Department of Mechanical Engineering on 30th June 2022. Jury member for the project Exhibition was Mr. Jithesh Kumar, Senior Technical Architect, Privafy Technologies Limited.

- **INAUGURATION OF THE EVENT**
- **INTRODUCTORY SPEECH BY THE PROJECT COORDINATOR.**
- **EVENT DETAILS BY HEAD OF THE DEPARTMENT AND PROJECT COMMITTEE.**
- **INSPECTION OF THE PROJECTS BY JURY MEMBER ALONG WITH THE PROJECT COMMITTEE.**
- **EVALUATION OF THE PROJECTS BY JURY MEMBER AND COMMITTEE THROUGH ONLINE PPT PRESENTATIONS.**
- **TOTAL NUMBER OF BATCHES PRESENTED WAS 13.**
- **THE BEST THREE PROJECTS WERE AWARDED WITH CERTIFICATE.**




The project evaluation committee consists of one external Jury member and one internal evaluation members.

- Mr. Jithesh Kumar, Senior Technical Architect, Privafy Technologies Limited
- Dr.Vrinda Shetty, Prof and Head, Dept of ISE, SVIT.

STUDENTS OF 8TH SEMESTER
PRESENTING THEIR PROJECTS TO THE
JURY MEMBER (INDUSTRIAL EXPERT) IN
THE PROJECT EXHIBITION 2022 HELD AT
SVIT



The list of projects won prizes, based on the evaluation by the Jury members is listed below.

Prize	USN	Name of Student	Guide Name	Title of Project
	1VA18IS014	Monish Bm	Prof. Anitha M C	"Aperta- free speech and ad free social media with decentralization and blockchain"
	1VA18IS027	Rajesh K		
	1VA18IS048	Tejas Vinay P		
	1VA18IS010	Jyotsna B	Dr. Abhijith H V	"Find Me: A Social Networking Application"
	1VA18IS023	Pooja Guttal		
	1VA18IS045	Srima Shetty		
	1VA18IS042	Smitha Raju B		
	1VA18IS012	Manoj Bhat	Dr. Abhijith H V	"Peer Connect"
	1VA18IS013	Mohammed Imran		
	1VA18IS021	Yash Pal		
	1VA18IS028	Rakshith Reddy A		



PLACEMENT NEWS

2018-2022
BATCH STUDENTS
ACHIEVED 100%
PLACEMENT FOR
AY 2021-22.



Department of Information Science & Engineering
SAI VIDYA INSTITUTE OF TECHNOLOGY
RAJANUKUNTE, BENGALURU - 64

AFFILIATED TO VTU, RECOGNISED BY GOVERNMENT OF KARNATAKA AND APPROVED BY AICTE,
NEW DELHI ACCREDITED BY NBA, NEW DELHI (CSE, ISE, ECE, MECH, CIVIL),

Another milestone achieved

*We are pleased to announce that
Department of Information Science and
Engineering has achieved
100% placements for 2022 graduates*

HIGHER STUDIES



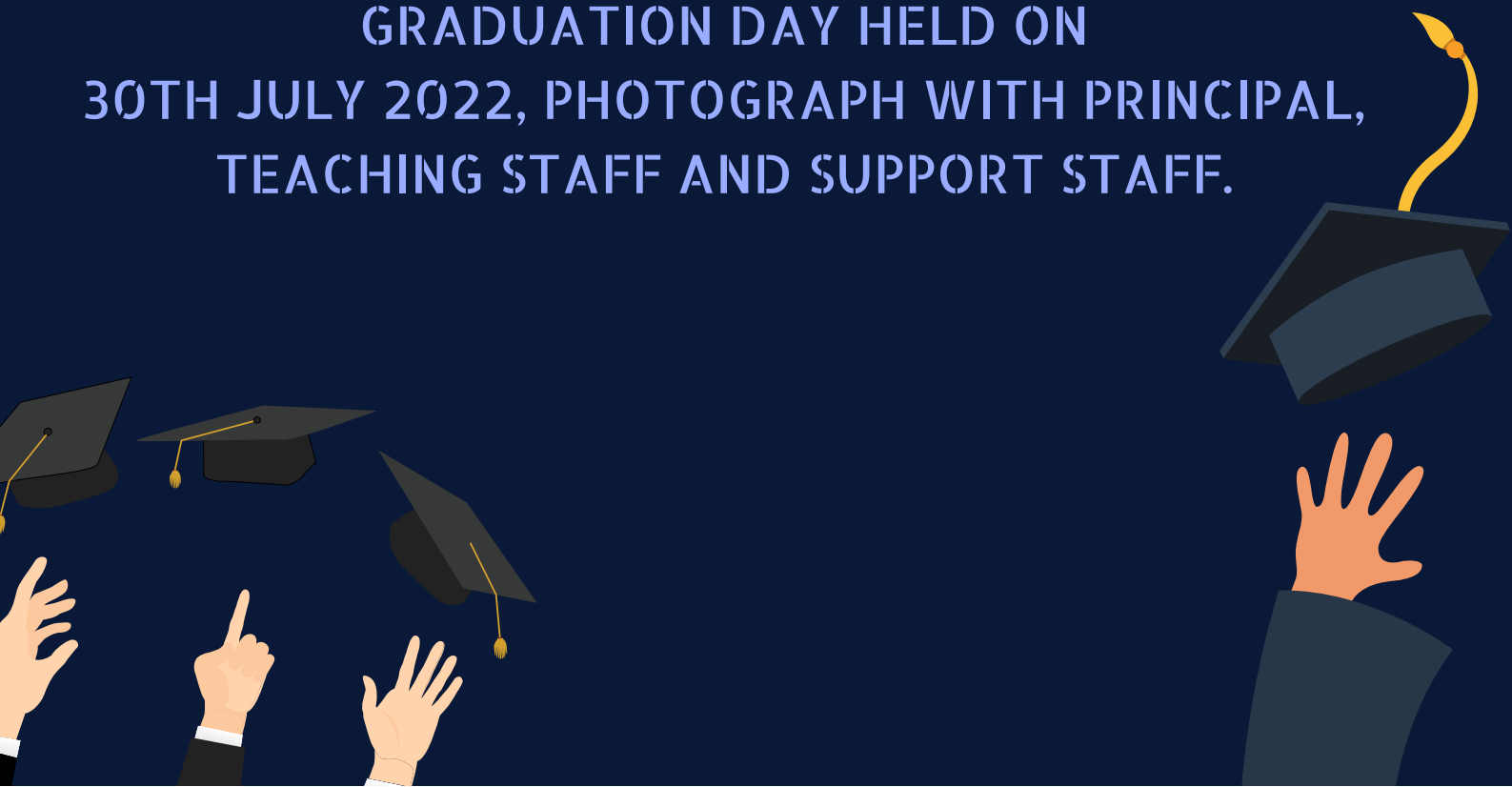
SMITHA RAJU B IS CURRENTLY PURSUING BUSINESS ANALYTICS IN (MS) PROGRAM AT THE W.P CAREY SCHOOL OF BUSINESS AT ARIZONA STATE UNIVERSITY(ASU).



GRADUATION DAY 2018-2022 BATCH



STUDENTS OF AY 2018-22 .
GRADUATION DAY HELD ON
30TH JULY 2022, PHOTOGRAPH WITH PRINCIPAL,
TEACHING STAFF AND SUPPORT STAFF.



BEST OUTGOING STUDENT OF INFORMATION SCIENCE AND ENGINEERING DEPARTMENT

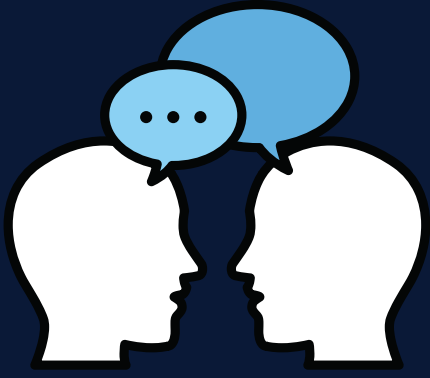


BEST OUTGOING STUDENT OF ISE BRANCH WAS
AWARDED TO SHREYA V HOLLA ON GRADUATION
DAY BY

DR. LAKSHMINARAYANCHARI K ALONG WITH
PROCTOR DR.ABHIJITH H V

SHREYA V HOLLA (1VA18IS007)
PROCTOR: DR.ABHIJITH H V





KSCST

STUDENT PROJECT GOT FUNDED FROM KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST), INDIAN INSTITUTE OF SCIENCE IN 45TH SERIES STUDENT PROJECT PROGRAMME



MOHAMMED IMRAN ,MANOJ BHAT,PAL YASH SANJAY,RAKSHITH REDDY A, OF 8 TH SEMESTER, ISE ,RECEIVED A FUND OF RS 5000/- FROM KSCST FOR THE PROJECT “PEERCONNECT –LIVE VIRTUAL EVENT PLATFORM” UNDER THE GUIDANCE OF DR.ABHIJITH HV