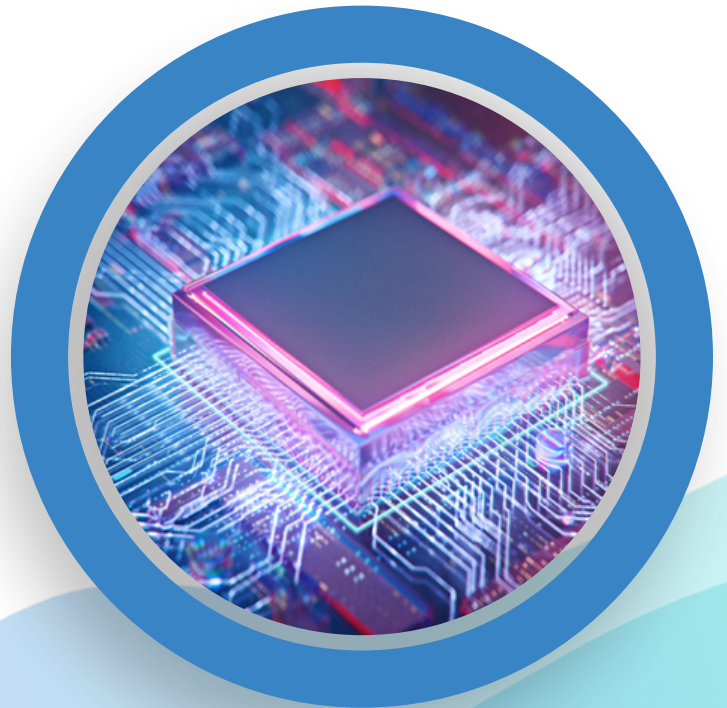




SMVITM

# TECH TARANGA

*A Departmental Newsletter  
from  
Electronics and Communication Engineering*



VOL 8

ISSUE 2

YEAR  
2022-2023

## HOD's MESSAGE



Greetings to all the readers of *★★ Tech Taranga ★★*

We cordially invite you all to read this issue of the Electronics and Communication Engineering Department Newsletter. The launch of "*Tech Taranga*" our biannual newsletter fills us with excitement. This newsletter will provide a succinct rundown of the department's successes and activities. We have always used the electronic newsletter *Tech Taranga* to interact with our alumni, professors, students, and business partners. Additionally, by emphasizing diverse activities including placement, alumni, institutional club activities, student and staff successes, it updates readers on the most recent departmental happenings. We expect more efforts and accomplishments to support the department's continued ascent to excellence. We would like to convey our appreciation for the teaching staff, support staff, and our beloved students for their consistent support.

*Dr. Guruprasad*

## ABOUT DEPARTMENT

Electronics today stands at the forefront of the rapidly expanding horizon of Science and Technology. The Department of Electronics and Communication Engineering in SMVITM was established in the year 2010, initially offering an undergraduate program with an intake of 60 students per year. The intake was increased to 120 in the academic year 2012-13. The department has well-qualified faculty members – highly motivated in teaching and guiding the students in exploring newer avenues of electronics and communication.



The department is intent on creative and technologically advanced skill transfer to the students through teaching, mentoring and counseling. It regularly organizes seminars, symposiums, workshops and invited talks by eminent faculty from reputed institutions and industry experts, to keep the students abreast of the latest technological developments in related fields. The services of some academicians of high repute have been utilized by the department with the objective of supplementing teaching, mentoring and guiding the students as well as faculty members.

The department has its own library comprising of over 200 text books and technical magazines for quick reference. To nurture creative ideas and provide hands-on training to the students, the department has set up an Innovation/Project laboratory with state-of-the-art equipment and latest versions of software tools, in addition to the regular laboratories.

## **OUR VISION**

“To be recognized as a center of eminence in the field of Electronics and Communication Engineering focusing on holistic engineering education and current technologies”.

## **OUR MISSION**

- Impart quality engineering education with ethics to students and transform them into leaders in technology, innovation and research.
- Provide a platform and academic atmosphere that will ensure the transfer of knowledge and skills to the students.
- Promote the overall personality development of the students through activities that have high credibility and societal impact.

## **PROGRAM EDUCATIONAL OBJECTIVES**

The graduate of Electronics & Communication Engineering should be able to:

- Exhibit essential knowledge of applied sciences, mathematical modelling, logical interpretation and virtual realization to resolve real-time problems in the field of Electronics and Communication Engineering.
- Work productively as an Electronics and Communication Engineer, including supportive and leadership roles on multidisciplinary teams.
- Inculcate effective communication skills to excel in professional growth.
- Take part in lifelong learning in pace with the advancing technological society.

## PROGRAM OUTCOMES

Graduates of the Electronics and Communication Engineering program are able to:

PO-1	Engineering Knowledge	Develop skills to solve engineering problems by using mathematical, scientific and engineering knowledge.
PO-2	Problem Analysis	Recognize, define, conduct literature survey, examine complex engineering problems and draw conclusions using the principles of mathematics, science and engineering
PO-3	Design/Development of Solutions:	Express ideas, devise implementation strategies, plan execution and synthesize solutions, which are favorable for aspects of public health and safety as well as for cultural, societal and environmental conditions
PO-4	Conduct investigations of complex problems	Investigate complex problems by conducting experiments and validate the results
PO-5	Modern Tool Usage	Employ necessary techniques using modern hardware and software tools for engineering applications
PO-6	The Engineer and Society	Reckon and address the societal, health, safety, legal and cultural issues and adopt responsibilities adhering to professional engineering practice.
PO-7	Environment and Sustainability	Estimate and attend to environmental safety issues by means of engineering practice.
PO-8	Ethics	Understand and apply professional ethics for issues relevant to the engineering practices
PO-9	Individual and Team Work	Work as a member of a multidisciplinary project or research teams and have an understanding of leadership in teams and organizations.
PO-10	Communication	Produce engineering reports and express the ideologies effectively.
PO-11	Project Management and Finance	Apply managerial skill in handling projects as a member and leader of a multi-discipline team
PO-12	Life-long Learning	Evolve through lifelong learning process to keep one updated in technological changes.

## **PROGRAM SPECIFIC OUTCOMES**

Graduates of Electronics & Communication Engineering will be able to:

- Focus on developing and exposure to alternative/ advanced technologies: Understand the concepts of Electronics & Communication Engineering and its application in the fields of signal processing, control systems, embedded systems, VLSI design, networking, and communication.
- Extension of knowledge and testing facilities for the society: Apply domain-specific knowledge to design, analyse, synthesise and validate real-time problems in Electronics & Communication Engineering.

# Contents

SL No.		Page Nos.
<b>DEPARTMENTAL ACTIVITIES</b>		
1.	Peer to Peer Interaction: How To Crack The Job interviews in Reputed Companies	1
2.	Bridge course on Aurdino- Ideathon and Hackathon	1
3.	Invited Talk on "Problem Solving and Idea Generation	2
4.	Peer Learning Session on "Internship Opportunities in Startups"	2
5.	TECH TALK 1.0	3
6.	Hands on session on "Learn to repair & troubleshoot electronics"	3
7.	CIRCUIT DEBUG 1.0	4
8.	Knowing Thyself- Journey into Self	5
9.	Two days Workshop on "Python & GUI"	5
10.	Workshop on "ARDUINO APPLICATIONS"	7
11.	Alumni Interaction on "Roadmap to Data Science & Analytical Industry"	7
12.	Internship opportunities in LABVIEW by Mr. Satyanarayana	8
<b>ACCOMPLISHMENTS</b>		
13.	Conference Publications	9
14.	Journal Publications	10
15.	Faculty Development Program/ Workshops	11
16.	KSCST/VGST funded project details	13
17.	Placements	14
18.	Internship Details	16
19.	Project awards	19
20.	Mini Project Exhibition & Competition Awards	20
21.	Students Toppers list	21
22.	Faculties Achievements	21
23.	Group Photos	23

## DEPARTMENTAL ACTIVITIES

### 1. “Peer to Peer Interaction: How To Crack The Job interviews in Reputed Companies”

Placement Team of the ECE Dept. in association with the ISTE student chapter has organized “Peer to Peer Interaction: How to Crack the Jobs in Reputed Companies”. This interaction was held on 2/06/2022, from 3pm to 4.30pm at the Seminar Hall, Admin Block, SMVITM. The resource person for this interaction was 8<sup>th</sup> semester ECE placed students. Around 30 students from 6th semester ECE participated and interacted with 15 placed ECE final year students.

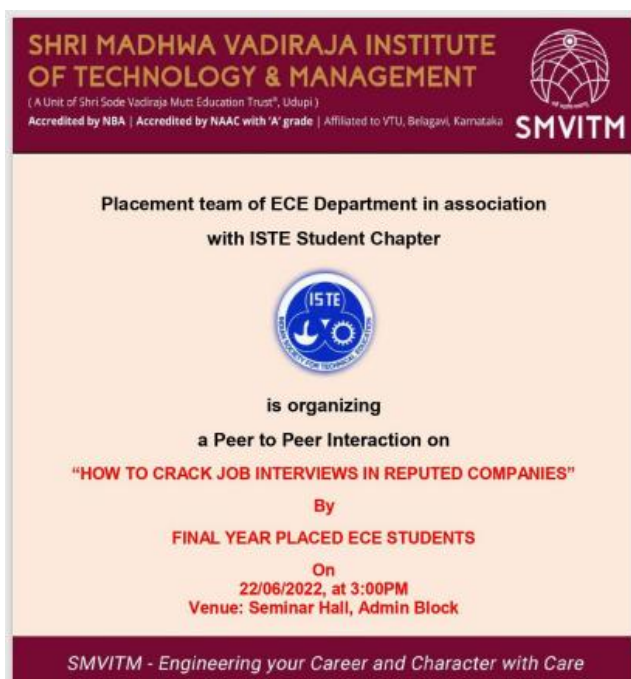


The interaction began with the motivational speech by Mr. Sachin Prabhu, Sr. Assistant Professor, Dept. of ECE and inspired the students to start preparing for the placements. There was an open discussion about the preparation for interview, focusing areas and technical background. The placed students also shared their experience regarding their interview

Process and gave proper directions regarding placements. Ms. Niharika, 8th semester ECE student welcomed the resource person and audience. Mr.Chetan, ISTE coordinator and Ms. Yogeshwary B H, Department Placement coordinator has coordinated the interaction.

### 2. Bridge course on Aurdino- Ideathon and Hackathon

Electronics & Communication Engg.. Department in association with ISTE student Chapter has organized the bridge course on Aurdino- Ideathon and Hackathon Phase I training held from 10<sup>th</sup> October 2022 to 14<sup>th</sup> October 2022 and Phase II training from 17<sup>th</sup> October 2022 to 19<sup>th</sup> October 2022. Training was given by ECE dept. faculties and final year students. At the end of the bridge course Ideathon and Hackathon competitions were conducted and best presenter was recognized and awarded with cash prize.

A poster for the event. At the top, it says "SHRI MADHVA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT" with the SMVITM logo. Below that, it says "Placement team of ECE Department in association with ISTE Student Chapter" and the ISTE logo. The main text reads "is organizing a Peer to Peer Interaction on 'HOW TO CRACK JOB INTERVIEWS IN REPUTED COMPANIES' By FINAL YEAR PLACED ECE STUDENTS On 22/06/2022, at 3:00PM Venue: Seminar Hall, Admin Block". At the bottom, it says "SMVITM - Engineering your Career and Character with Care".

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Placement team of ECE Department in association with ISTE Student Chapter

ISTE

is organizing a Peer to Peer Interaction on "HOW TO CRACK JOB INTERVIEWS IN REPUTED COMPANIES" By FINAL YEAR PLACED ECE STUDENTS On 22/06/2022, at 3:00PM Venue: Seminar Hall, Admin Block

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### 3. Invited Talk on “Problem Solving and Idea Generation”

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and IIC has organized an invited talk on the topic “Problem Solving and Idea Generation” on 31-10-2022 at 3:00p.m in EC010 (ECE Department). Mr. David Saldanha, CEO at Aion Health Solutions Pvt. Ltd. Bengaluru was the resource person.



The talk started with the first significant step of Problem Solving and Idea Generation is formulating the problem statement. Further, to find a solution to the identified problem there are different ways to be followed. Some important steps are listening, observing and writing down the ideas. He has stressed upon each of these topics separately by giving real time examples and illustrations. Also he has given the examples of Larry Page and others who have made the impossible things possible by looking at things differently. He gave insights on sharing one’s own idea with the team to get the motivation and new perspective to solve the problem. He shared

his own life story to motivate the students and concluded the talk with the message to convert your novel idea into a final product, in-spite of all the difficulties you face in the middle of the work. Ankita Bhat, 5th semester, ECE was the Master of the Ceremony and Arun J.K, secretary, ISTE Student Chapter proposed the vote of thanks. Dr. Sachin Bhat, HoD, Dept. of ECE, Mr. Sandesh Kumar, IIC Dept. Coordinator, and Ms. Chandana, ISTE Dept. Coordinator, were present during the event. The event was coordinated by Ms. Chandana, ISTE Dept. Coordinator with the support of Mr. Chetan R, Secretary/Treasurer ISTE.

### 4. Peer Learning Session on “Internship Opportunities in Startups”

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and IIC had organized a Peer Learning Session on 22-11-2022 at 12:00p.m in EC012 (ECE Department). The Final Year Students from the ECE Department were the resource persons. Ms. Sameeksha P U started her talk by sharing the experience about her internship in VI Solutions Bangalore. She briefed about NI Lab View software and application of the same. At the end of her session, she showed the project that she worked on during her internship. The session was continued by Ms. Shreya Upendra Nayak, who did her internship from BEL, in Machilipatnam. She shared her experience of 4 weeks of internship. She discussed about the YOLO algorithm, Animal Detection and Number Plate Detection on which she worked during her internship period. Later the session was taken over by Ms. Akshatha Renjal who is currently undergoing a research internship. She talked about the challenges faced by her during the collection of real-time data (number plate detection of a vehicle which has undergone an accident) and processing of the collected data. She told about the importance of survey and how the

communication among the team members is important in completing any given task.

Mr. Adithya Prakash, 5th semester, ECE and active member of ISTE Student Chapter was the Master of the Ceremony. Dr. Sachin S Bhat, HoD, Department of Electronics and Communication Engineering was present during the event. The event was coordinated by Ms. Chandana, ISTE Department Coordinator with the support of Mr. Chetan R, Secretary of ISTE.



## 5. TECH TALK 1.0

Technocrats Club of Electronics and Communication Department in association with ISTE

Students Chapter has conducted the TECH TALK 1.0 event on 15/12/2022 at 2:00PM in the college premises. Mr. Ranjith Bhat, Sr. Asst. Professor, ECE Dept. and Mr. Sunil Haldankar, Sr. Asst. Professor, CV Dept. were the judges. In the competition students spoke on the topics IOT in Healthcare, Communication technology, Metaverse, Natural Language Processing, Green building, Cracks in concrete, Electric Vehicles, Nanomaterial. The program was compeered by Ms. Shreya Upendra Nayak, coordinator of Technocrats club. Mr. Shreepathi and Mr. Shrinidhi, final year ECE students were volunteers for the event. Mr. Chetan R Institutional Coordinator ISTE Faculty Chapter, Ms. Jayashree M coordinator of Techno Crators , Mr. Nagaraja Rao and Ms.Lahari Vaidya were present in the event . Adithya S Bhat, final year student proposed the vote of thanks. Mr. Ashwin kumar G Rao, first year,

CSE Dept. and Ms. Ankitha Shet, third year, ECE Dept. have shared the first prize.

**TECH TALK 1.0**  
**COMPETITION**

Organised by TechnoCrators Club of  
Electronics & Communication Engineering  
in association with ISTE Students Chapter

**15 DEC 2022**  
Open to all branches  
Last date for registration: 13 Dec 2022

Time : 2:00pm  
Venue : EC101

Theme : Related to  
Latest Technology

Win Exciting Prizes !!

For Registration



## 6. Hands on session on “Learn to repair & troubleshoot electronics”

Department of Electronics and Communication Engineering in association with ISTE Student Chapter has organized a hands-on session on “Learn to repair & troubleshoot electronics” on 17-12-2022 at 10:00a.m in Analog Electronics Lab (ECE Department). Mr. Madhusudhan Thanthry P. N, Foreman and Mr.Sandeep K.R, Sr. Lab Instructor, Department of ECE were the resource persons. The session started with a small introduction to the power supply and different components involved in the power

supply. Students were divided into groups and each group of students explored the concepts through hands-on experience. In the first half of the session, students were taught soldering, how to make the connections using wires and switches, how to light a bulb and to connect relay circuits. In the second part of the session, the participants got an exposure to know more about home appliances such as mixer, iron box, TV, lamp, stabilizer, electric water heater immersion coil etc. Chaitanya Anant Nilekani, 3rd semester, ECE was the Master of the Ceremony. Dr. Sachin Bhat, HoD, Department of Electronics and Communication, was present during the event. The event was coordinated by Ms. Chandana, ISTE Department Coordinator with the support of Mr. Chetan R, Secretary/Treasurer ISTE.

## 7. CIRCUIT DEBUG 1.0

TechnoCrators Club of Electronics and Communication Department in association with ISTE Students Chapter has conducted the CIRCUIT DEBUG 1.0 event on 22/12/2022 at 11:00AM in the ECE Dept. Mr. Sandesh Kumar, Sr. Asst. Professor, ECE Dept. and Ms. Vijayalatha Devadiga, Sr. Asst. Professor, ECE Dept. were the judges. The first round was the MCQ round followed by the Circuit Rig Up and finally the Circuit Debug Round.

The program was compeered by Ms. Shreya Upendra Nayak coordinator of Techno Crators club and Ms. Sukhitha K S,7th Semester,ECE, Mr. Deepak Adhikari and Mr. Lloyd Winston Pinto,5th Semester ECE students were volunteers for the event. Mr. Chetan R Institutional Coordinator ISTE Faculty Chapter, Ms. Jayashree M coordinator of Techno Crators,were present. Mr. Tanmay Kalkur and Mr. Swasthik of 5th sem ECE, secured the first prize in the circuit debug.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



In association with ISTE Student Chapter  
Organising a  
Hands-on session

on  
"LEARN TO REPAIR & TROUBLESHOOT ELECTRONICS"

By



Mr. Madhusudhan Thanthry P.N  
Foreman, Dept. of ECE



Mr. Sandeep K.R  
Lab Instructor (Sr.), Dept. of ECE



17 December, 2022



10:00 AM



Analog Electronics Lab  
of ECE Department

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by HoD's of ECE, Civil & accompanied by Senior Faculties, Staffs & Students of SMVITM.

## 8. Knowing Thyself- Journey into Self

Department of Electronics and Communication in association with placement cell & ISTE student chapter organized a talk on "Knowing Thyself- A journey into self" on 24/12/2022 at 10am onwards in Seminar Hall, Admin Block, SMVITM for Final year students of all branches & pre final year students of ECE. The resource person was Mr. Ankith S Kumar, Counsellor, Abhyday-Department of Counselling, Welfare, Training & Placement, NMAMIT, NITTE.

The Agenda of talk covered topics like mind health, brain space that's been utilized, knowing about inner self of an individual when time spent all alone. It also focused on topics like distortion that is present in outside world, what to & how to focus on things which are important. Mr. Ankith also stressed on topics like positive attitude & having one, how it makes a difference; about values & ethics. He also spoke about ideal self, real self & societal self, human behaviour in general & also discussed about how to deal with challenges that comes ahead in life. The session was activity based learning; it was truly inspiring & motivational session to students. Ms.Shreya Upendra Nayak, Ms. Sukitha, 8th sem ECE students hosted & welcomed the session & Ms. Athmika, 5th sem ECE delivered vote of thanks.

ISTE Coordinator Mr. Chethan, Placement coordinators Ms. Yogeshwari & Ms.Lahari organized the program & Session was graced

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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
 In association with  
**PLACEMENT CELL & ISTE**

Organising a Talk On  
**KNOWING THYSELF**  
 (A Journey into Self)

**Mr. Ankith S Kumar**  
 Counsellor  
 Abhyday - Department of Counselling,  
 Welfare, Training & Placement  
 NMAMIT NITTE

**Date : 24 December 2022 Time : 10AM Onwards**  
**Venue : Seminar Hall (Admin Block)**  
**ALL ARE CORDIALLY WELCOME**

**SMVITM - Engineering your Career and Character with Care**



## 9. Workshop on "Python & GUI"

The Department of ECE in association with ISTE student chapter has organized two days workshop on "Python & GUI" on 10th and 11th January 2023 for the benefit of the ECE students. Mr. Mahesh Deginal, Managing director of Karunadu Technologies was the resource person for the workshop.

In this workshop, the students have learnt about python which is a trending high level

programming language and can be used on a server to create varieties of web applications. In this two day workshop the resource person introduced the basics of python programming language and students were made to execute simple tasks such as calculator, email ID creation etc. By using python Dr.Thirumaleshwara Bhat, Principal encouraged during the inauguration of the workshop, the students to learn new things and latest technologies. Dr.Sachin Bhat, HOD of ECE department appreciated the students and also highlighted upon the need to update one-self with the current technologies.



**TWO DAYS-  
HANDS-ON  
WORKSHOP ON  
PYTHON & GUI**

**ORGANIZED BY**  
Department of Electronics & Communication Engineering

In association with ISTE Student Chapter and Karunadu Technologies Private Limited

**DATE**  
10/1/2023 & 11/1/2023

**TIME**  
9:00 AM TO 4:00PM

**VENUE**  
EC010, ECE DEPARTMENT

**COORDINATOR**  
MS. SHASHIKALA .R  
FACULTY MEMBER OF ECE

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
in association with  
ISTE STUDENT CHAPTER & KARUNADU TECHNOLOGIES PVT. LTD.

All are Cordially invited to the  
**Inaugural Function of**  
**Two days hands-on workshop on PYTHON & GUI**

**Chief Guest**  
**Mahesh Deginal**  
Karunadu Technologies Pvt. Ltd.

**Presided by**  
**Prof. Dr. Thirumaleshwara Bhat**  
Principal, SMVITM

**10 January 2023 at 9.15 AM**  
**Venue: EC010, ECE Department**

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Dr. Ganesh Aithal, Vice-principal motivated the students and mentioned the significance of python programming in academics for career opportunities. Ms. Nisha D'souza, 3rd Year ECE student compered the program. Ms. Shashikala R coordinated the program. ECE faculty members were present during the inauguration of the workshop. The workshop has provided hands on training of python with GUI.

## 10. Workshop on “ARDUINO APPLICATIONS”

The Institution Innovation Council and Indian Society for Technical Education of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with Atal Tinkering Lab, Karnataka Public School Hiriadka, Udupi organized a hands-on workshop on "ARDUINO APPLICATIONS" on 12th January 2023. Mr. Sandesh Kumar, Sr. Asst. Professor, ECE Dept., along with students of SMVITM, Prasanna Shet, Ankitha Annappa Shet, Pratham, Rahul Manjunatha Poojari and Rimsha were the resource persons.



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INSTITUTION'S INNOVATION COUNCIL

INDIAN SOCIETY FOR TECHNICAL EDUCATION

**The Institution's Innovation Cell and Indian Society for Technical Education in association with Atal Tinkering lab Karnataka Public School Hiriadka, Udupi is organizing a hands-on workshop on "ARDUINO APPLICATIONS"**

**Date: 12th January 2023**  
**Time: 9.30 AM**  
**Venue: Atal Tinkering Lab**



The students of SMVITM conducted a session on Arduino and its programming for around 55 students and they demonstrated various application circuits using Arduino kits. The students were divided into groups and were given an opportunity to do hands-on and learn how to program using Arduino kits.

## 11. Alumni Interaction on “Roadmap to Data Science & Analytical Industry”

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and Alumni Cell had organized an Alumni Interaction Session on 21-04-2023 at 12:00p.m in EC011 (ECE Department). Mr. Bharath Shenoy, Human Resource Executive-System & Analytics, Intelliswift Software Inc. was the resource person.

At the beginning of session a short introduction to the topics of Data Science and Data Analytics were given with examples, which helped the students to relate the topics to the realtime applications. The comparison between the two fields facilitated to distinguish between them. The roadmap to become a data scientist and the data analyst roadmap gave knowledge about the different fields of science and engineering that are required to become a successful data scientist and data analyst. Along with these, non-tech domain knowledge, data analytics learning and development tools available were also discussed. The variety of opportunities in the field of data science and data analytics was highlighted.

At the end, the importance of acquiring technical skills and knowledge along with current marketing trends were briefed. Ms. Ankitha Bhat, 6th semester, ECE was the Master of the Ceremony. Mr. Chetan R, Secretary/Treasurer ISTE as a concluding remark addressed the students about the importance of alumni interaction and current trends in the industry.

Dr. Guruprasad, In charge HoD, Department of Electronics and Communication

Engineering, and Ms. Chandana, ISTE Department Coordinator were present during the event. The event was coordinated by Ms. Chandana, ISTE Department Coordinator and Ms. Rajashree Nambiar, Alumni Cell coordinator with the support of Mr. Chetan R, Secretary/Treasurer ISTE.

## 12. Internship opportunities in LABVIEW by Mr. Satyanarayana

On 20 June, 2023, Mr. Satyanarayana from VI Solutions, Bengaluru, delivered a talk on internship opportunities in LabVIEW, AI, and ML. The talk aimed to highlight the significance of these technologies and the potential career prospects they offer for the current 6th semester students.

He further summarized that LabVIEW: LabVIEW is a graphical programming environment used in industries like manufacturing, research, and development. VI Solutions offers LabVIEW internships focusing on application development, user interface design, and data acquisition systems.

AI and ML: The speaker emphasized the importance of AI and ML across domains. VI Solutions also provides internships in AI and ML, covering model development, data analysis, and real-world applications.

The talk shed light on internship opportunities in LabVIEW, AI, and ML offered by VI Solutions. These internships bridge the gap between theory and practice, equipping participants with valuable skills and experience for future careers in these fields. Around 60 students attended the talk with Mr. Ranjith Bhat coordinating the event.

The poster is for an event titled "ROAD MAP TO DATA SCIENCE & ANALYTICAL INDUSTRY" organized by the Department of Electronics & Communication Engineering at SMVITM. The speaker is Mr. Bharath Shenoy, Human Resource Executive at Intelliswift Software Inc. The event is scheduled for 21 April 2023 at 12:00 PM in the ECE Department. The poster includes the SMVITM logo and accreditation information.



## ACCOMPLISHMENTS

### 13. Faculty Conference Publications

Sl.No.	Name of Authors	Title of paper	Name of conference
1	Ganesh shetty	The Classification of Satellite Galaxies Based on Convolution Neural Networks Machine Learning Algorithm	3rd International Conference for Emerging Technology (INCET 2022)
2	Arun Upadhyaya	A Security Enhanced Image Encryption and Compression Using Residue Number System and Discrete Cosine Transform	2nd International Conference on On Signal & Data Processing (ICSDP 2022)
3	Rajashree Nambiar	The Use of Privacy Preserving techniques in Edge Cloud Computing : A Study of Alternative approaches to Face Recognition	ICICICT-2022, Kannur India
4	Yogeshwary B. H	Leaf Disease Detection And Prevention Using Deep Learning	IEEE International Conference on Artificial Intelligence and Data Engineering (AIDE-2022)
5	Yogeshwary B. H	Iterative Localization technique for underwater wireless communication	IEEE NKCon-2022
6	Arun Upadhyaya	Significance of Performance Indicators (PI) in the Design of Course file-Case Study for Effective Teaching Pedagogy	24th ISTE Karnataka State Level Faculty Convention & 32nd Dr.L.S.Chandrakant Memorial Lecture Series
7	Ranjith Bhat	A comparative study on Alternative Deep Learning Based Animal Classification System	2nd Student International Conference [ICRDSTEM-2023]
8	Ranjith Bhat	Multiclass Classification Of Kidney Stone, Cyst, Tumor And Normal Using Deep Learning	JETRI-2023



9	Chandana	A comparative study on Alternative Deep Learning Based Animal Classification System	2nd Student International Conference [ICRDSTEM-2023]
10	Guruprasad, Chetan R, Akshatha A R	Performance Analysis of Non-overlapping Two Phase Clock Signal Generators	12th IEEE International Conference on Communication Systems and Network Technologies
11	Shreya Udupa S, Sneha J S, Tulasi D J , MYashwanth Naik and Chetan R	Robot Assistance for Visually Impaired	"Technology for Industry 4.0 Revolution (ICTIR)"
12	Chandana	Brain Tumor Detection Using Deep Learning Techniques	IC-ICIC-2023
13	Rakshath Kumar, Akshay, Pratheeksha, Rashmitha Bhat, Chetan R, Dr. Guruprasad	Automatic Wireless Electricity Meter Reading System	"Technology for Industry 4.0 Revolution (ICTIR)"

#### 14. Faculty Journal Publications

Sl.No.	Name of Authors	Title of paper	Name of Journal
1	Yogeshwary Bommenahalli Huchegowda; Aravind Bettadahalli Ningappa; Naveen Kumar C. M.; Yashwanth Nanjappa	Performance of SALP Swarm Localization Algorithm in Underwater Wireless Sensor Networks	Open Access Journal by MDPI
2	Yogeshwary B H	Performance of SALP Swarm Localization Algorithm in Underwater Wireless Sensor Networks	Photonics
3	Chaithra Kulal,	Detection of Pressure points on Diabetic	Journala of Emerging

	Dheeraj, Meghana Bhat, Neema B Shetty, Nagaraja Rao	foot	Technologies and Innovative Research (JETIR)
4	Shrava S, Shreya K, Shwetha Prabhu, Sinchana, Arun Upadhyaya	Image Encryption based on 3D Chaotic Map	IJARSE
5	Nagaraja Rao, Shantharama Rai C	Stability analysis and speed control of brushless DC motor based on self-ameliorate soft switching control methods	International Journal of Electrical and Computer Engineering (IJECE)

### 15. Faculty Development Programme & Workshops

Sl.No.	Name of Faculty	Title of the FDP or Workshop	Venue/College Name
1	Akshatha Rao L	UTKARSH	SMVITM
2	Akshatha Rao L	Joy of Computing using Python	NPTEL, Course, IITM
3	Akshatha Rao L	"Inculcating Universal Human Values in Technical Education"	AICTE
4	Arun Upadhyaya	Natural Language Processing	SMVITM, Bantakal
5	Arun Upadhyaya	UTKARSH	SMVITM
6	Arun Upadhyaya	Introduction to Python Programming and its applications	AICTE-VTU
7	Chandana	UTKARSH	SMVITM
8	Chandana	Inculcating Universal Human Values in Technical Education	AICTE
9	Chandana	Health care Analytics	SMVITM
10	Chandana	Artificial Intelligence and Machine Learning for Image Analysis - Matlab & Python Perspective	CMR Institute of Technology, Bengaluru
11	Chetan R	"Inculcating Universal Human Values in Technical Education"	AICTE
12	Chetan R	Introduction to Python Programming and its applications	AICTE-VTU
13	Ganesh Shetty	Natural Language Processing	SMVITM, Bantakal
14	Ganesh Shetty	Cryptography and network security	NPTEL, Course, IIT Madras

15	Guruprasad	UTKARSH	SMVITM
16	Jayashree M	UTKARSH	SMVITM
17	Jayashree M	Five days Workshop on Signal Processing for Biomedical Applications	NMAMIT, Nitte
18	Jayashree M	Introduction to Python Programming and its applications	AICTE-VTU
19	Lahari Vaidya	UTKARSH	SMVITM
20	Nagaraja Rao	Natural Language Processing	SMVITM, Bantakal
21	Nagaraja Rao	Importance of Data Science in Machine Learning and its applications	RVITM, Bengaluru
22	Pavithra Poornima S	UTKARSH	SMVITM
23	Pavithra poornima S	"Inculcating Universal Human Values in Technical Education"	AICTE
24	Pavithra poornima S	Adithya-L1 Science and Education Outreach program	Pilikula Regional science centre, Mangaluru
25	Pavithra poornima S	Stay Safe online Campaign	Ministry of Electronics and Information Technology
26	Pavithra poornima S	Drones and Autonomous System organised by centre of Excellence Drones	CMRIT, Bengaluru
27	Pavithra poornima S	Idea Generation Method	ICT academy
28	Poojashree Hebbar	UTKARSH	SMVITM
29	Rajashree Nambiar	Machine Learning, Artificial Intelligence And Deep Learning Applications	NMAMIT, Nitte
30	Rajashree Nambiar	NLP Applications	SMVITM, Bantakal
31	Rajashree Nambiar	Artificial Intelligence and Machine Learning for Image Analysis - Matlab & Python Perspective organized	CMR Institute of Technology, Bengaluru
32	Ranjith Bhat	Machine Learning, Artificial Intelligence And Deep Learning Applications	NMAMIT, Nitte
33	Ranjith Bhat	NLP Applications	SMVITM, Bantakal
34	Ranjith Bhat	Artificial Intelligence and Machine Learning for Image Analysis - Matlab & Python Perspective organized	CMR Institute of Technology, Bengaluru
35	Sachin Prabhu K	UTKARSH	SMVITM
36	Sachin Prabhu K	"Inculcating Universal Human Values in Technical Education"	AICTE
37	Sachin Prabhu K	Introduction to Python Programming and its applications	AICTE-VTU
38	Sandesh Kumar	UTKARSH	SMVITM, Bantakal
39	Mr. Sandesh Kumar	"Inculcating Universal Human Values in Technical Education"	AICTE

40	Mr. Sandesh Kumar	Introduction to Python Programming and its applications	AICTE-VTU
41	Shashikala R	Research and Publication Ethics	Nitte Meenakshi Institute of Tehnology
42	Shashikala R	Introduction to Python Programming and its applications	AICTE-VTU
43	Sowmya Bhat	Natural Language Processing	SMVITM, Bantakal
44	Yogeshwary B H	UTKARSH	SMVITM, Bantakal
45	Yogeshwary B H	Natural Language Processing	SMVITM, Bantakal
46	Yogeshwary B H	Introduction to Python Programming and its applications	AICTE-VTU
47	Vijayalatha Devadiga	UTKARSH	SMVITM
48	Vijayalatha Devadiga	Inverse Problems and Applications	NITK,Surathkal
49	Vijayalatha Devadiga	Introduction to Python Programming and its applications	AICTE-VTU
50	Vijayalatha Devadiga	Stay Safe online Compaign	Ministry of Electronics and Information Technology

## 16. KSCST/VGST Funded Project Details

### ➤ Start-up grant by Govt. of Karnataka

Dr. Sachin S Bhat, Head of the Department, Electronics and Communication Engineering of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal had won the prestigious Karnataka State Urban Mobility Grand Challenge conducted by the Department of Electronics, IT, BT, Government of Karnataka. He won the startup grant of Rs. 10 lakhs for his work to assist the Police department in capturing the accident information on-site with minimal manual inputs and to register an online First Information Report. This tool uses Artificial Intelligence technique to extract information of accidents from photographs from an image captured at the accident spot and notifies the nearest hospital regarding the location and severity of accident. Principal and management have congratulated Dr. Sachin Bhat for his stupendous achievement.

### ➤ Start-Up funding from Government of India

Dr. Sachin Bhat, the Head of the E& C department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal has received the funding assistance of Rs. 11.5 Lakh for his innovative idea titled "SURGICAL SPONGE DETECTION SYSTEM" under the MSME incubation scheme. Through the MSME scheme, a focus is placed on fostering emerging technologies and knowledge based innovative ventures that contribute to the global economy beyond the traditional activities of MSMEs.

## ➤ Project funding from KSCST

Under the 45<sup>th</sup> series of Student Project Program (SPP), the evaluation committee had selected the projects submitted by SMVITM students for the sponsorship. Following are the sponsored project lists:

- Mr. Tejas S R, Mr. Subramanya S Nayak, Mr. Suraj S, Mr. Charan R Devadiga, Final year ECE students under the guidance of Ms. Sowmya Bhat had received the funding for the project titled “supplemental system for assisting the knee joint using pascal's law”.
- Ms. Neha Kini, Ms. Nayak Dhanashree, Ashok, Ms. Shreya S Navelkar, Final year ECE students under the guidance of Mr. Chetan R had received the funding for the project titled “Embedded Based Automatic Lawn Mover”.
- Mr. Rajesh C, Mr. Vikas N Rao, Ms. Riya Prabhu, Ms. Rakshitha R Nayak, Final year ECE students under the guidance of Dr.Balachandra Achar had received the funding for the project titled “Agricultural Drone”.
- Mr. Karthik N, Ms. Hrishika, Mr. Arun J K, Final year ECE students under the guidance of Ms. Akshatha Rao had received the funding for the project titled “Design And Development Of Negative Pressure Wound Therapy Device”.
- Ms. Shreya Udupa S, Ms. Sneha J S, Ms. Tulasi D J and Mr. Yashwanth Naik, Final year ECE students under the guidance of Mr. Chetan R had received the funding for the project titled “Robot Assistance for the Visually Impaired”.

## 17.PLACEMENTS

<b>Placed Student Details in the Interval of June 2022-January 2023</b>		
<b>S.I.</b>	<b>Student Name</b>	<b>Company name</b>
1	Akshatha Anil Kumar Renjal	Tech Mahindra - Cerium Systems (P) Ltd
2	Hrishika	Tech Mahindra - Cerium Systems (P) Ltd
3	Srinidhi S K	Tech Mahindra - Cerium Systems (P) Ltd
4	Adithi Girish	Kyndryl India Pvt. Ltd., Bengaluru
5	Rachana	Kyndryl India Pvt. Ltd.
6	Sameeksha P U	Kyndryl India Pvt. Ltd.
7	Shanthika	Kyndryl India Pvt. Ltd.
8	Shreya Udupa S	Kyndryl India Pvt. Ltd.
9	Lohith V P	Trianz
10	Bhoomika	SKOLAR
11	Prajwal Upadhyia	Hexaware Technologies Ltd.
12	Prasanna Nayak	Robosoft Technologies Pvt. Ltd., Udupi
13	Adithi P	SKOLAR Bengaluru
14	Akshay K G	SKOLAR Bengaluru
15	Anwitha Rao P	SKOLAR Bengaluru
16	Arun J Kundgolkar	SKOLAR Bengaluru
17	Dheeksha A Suvarna	SKOLAR Bengaluru
18	Harshitha Shetty	SKOLAR Bengaluru
19	Keerthan	SKOLAR Bengaluru
20	Prasthuthi Amin	SKOLAR Bengaluru
21	Rithesh Kumar	SKOLAR Bengaluru

22	Sakshi	SKOLAR Bengaluru
23	Shanthkumar C K	SKOLAR Bengaluru
24	Sharanya (Santosh)	SKOLAR Bengaluru
25	Shreya	SKOLAR Bengaluru
26	Sukhitha Ks	Usha Armour Pvt. Ltd., Bengaluru
27	Sneha J S	iWave Systems Technologies Pvt. Ltd.,
28	Pratheeksha	Kambala Solutions Pvt. Ltd., Mangaluru
29	Varshini Acharya	Kambala Solutions Pvt. Ltd., Mangaluru
30	Sudeep	Lekha Wireless Solutions Pvt. Ltd
31	Varalakshmi	Lekha Wireless Solutions Pvt. Ltd
32	Chaithra Kulal	Rinex Technologies Pvt. Ltd., Bengaluru / Mangalore.
33	Karthik N	Rinex Technologies Pvt. Ltd., Bengaluru / Mangalore.
34	Meghana R Bhat	Rinex Technologies Pvt. Ltd., Bengaluru / Mangalore.
35	Neema B Shetty	Rinex Technologies Pvt. Ltd., Bengaluru / Mangalore.
36	Nishanth	TCS Ninja
37	Shwetha Prabhu	TCS Ninja
38	Prajwal	Tekworks Enterprise solutions pvt ltd
39	Dileep A R	Lekha Wireless Solutions Pvt. Ltd.
40	Rashmitha Bhat	Lekha Wireless Solutions Pvt. Ltd.
41	Shreya Upendra Nayak	Lekha Wireless Solutions Pvt. Ltd.
42	Hemanth V Prabhu	GlowTouch Technologies, Mangaluru
43	K Rakesh	Mirafra Software Technologies Pvt. Ltd.
44	Karthik N	Mirafra Software Technologies Pvt. Ltd.
45	Nikitha	Mirafra Software Technologies Pvt. Ltd.
46	Soujanya S	Mirafra Software Technologies Pvt. Ltd.
47	Swathi Bhat	Mirafra Software Technologies Pvt. Ltd.
48	Sumukha Hatwar K N	Tantragrahaan Solutions, Bangalore
49	Chandrakala	Vintrus EduTech, Bengaluru
50	Kirana D N	Vintrus EduTech, Bengaluru
51	Rithesh Kumar	Manipal Technologies Limited, Manipal
52	Ujwal U Shetty	Seventh Sense Talent Solutions, Bengaluru
53	Dheeraj	Karmic Design Private Limited, Manipal
54	Divyashree	Karmic Design Private Limited, Manipal
55	Rakshath Kumar	Karmic Design Private Limited, Manipal

## 18. Internship Details

SI No.	USN	NAME OF THE STUDENT	NAME OF THE COMPANY/ ORGANISATION	PLACE	START DATE	END DATE
1	4MW19EC001	ADITHI GIRISH	SMVITM	BANTAKAL	22/08/2022	22/09/2022
2	4MW19EC002	ADITHI P	NMAMIT	NITTE	22/08/2022	22/09/2022
3	4MW19EC003	ADITHYA S BHAT	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
4	4MW19EC004	AKSHATHA ANILKUMAR RENJAL	SMVITM	BANTAKAL	22/08/2022	22/09/2022
5	4MW19EC005	AKSHAY	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
6	4MW19EC006	AKSHAY K G	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
7	4MW19EC007	ANWITHA RAO P	NMAMIT	NITTE	22/08/2022	22/09/2022
8	4MW19EC008	ARUN J KUNDGOLKAR	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
9	4MW19EC009	BHOOMIKA	NEXTEER	BENGALURU	23/08/2022	23/09/2022
10	4MW19EC010	CHAITHRA KULAL	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
11	4MW19EC011	CHANDRAKALA	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
12	4MW19EC012	CHAYA NAIK	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
13	4MW19EC013	DEEPA NAYAK	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
14	4MW19EC014	DHEEKSHA A SUVARNA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
15	4MW19EC015	DHEERAJ	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
16	4MW19EC016	DILEEP A R	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
17	4MW19EC017	DIVYASHREE	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
18	4MW19EC018	HARSHITHA SHETTY	NMAMIT	NITTE	22/08/2022	22/09/2022
19	4MW19EC019	HEMANTH V PRABHU	SMVITM	BANTAKAL	22/08/2022	22/09/2022
20	4MW19EC020	HRISHIKA	INVENTERON TECHNOLOGIES	BENGALURU	25/08/2022	24/09/2022
21	4MW19EC021	K RAKESH	SMVITM	BANTAKAL	22/08/2022	22/09/2022
22	4MW19EC022	K SRINIVAS KAMATH	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
23	4MW19EC023	KARTHIK N	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
24	4MW19EC024	KEERTHAN	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
25	4MW19EC025	KIRANA D N	SMVITM	BANTAKAL	22/08/2022	22/09/2022
26	4MW19EC026	LOHITH V P	SMVITM	BANTAKAL	22/08/2022	22/09/2022
27	4MW19EC027	MANTHANA K	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
28	4MW19EC028	MEGHANA BAPAT K	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
29	4MW19EC029	MEGHANA R BHAT	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
30	4MW19EC030	MENAKA R J	RADIO STATION	MANGALURU	22/08/2022	17/09/2022
31	4MW19EC031	NEEMA B SHETTY	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
32	4MW19EC032	NIKITHA	RADIO STATION	MANGALURU	22/08/2022	17/09/2022

33	4MW19EC033	NISHANTH	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
34	4MW19EC034	PRAJWAL	SMVITM	BANTAKAL	22/08/2022	22/09/2022
35	4MW19EC035	PRAJWAL UPADHYA	SMVITM	BANTAKAL	22/08/2022	22/09/2022
36	4MW19EC036	PRASANNA NAYAK	SMVITM	BANTAKAL	22/08/2022	22/09/2022
37	4MW19EC037	PRASTHUTHI AMIN	RADIO STATION	MANGALURU	22/08/2022	17/09/2022
38	4MW19EC038	PRATHEEKSHA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
39	4MW19EC040	RACHANA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
40	4MW19EC041	RAKSHATH KUMAR	TECH FORTUNE TECHNOLOGIES	HUBBALLI	25/08/2022	25/09/2022
41	4MW19EC043	RAKSHITHA R NAYAK	INVENTERON TECHNOLOGIES	BENGALURU	25/08/2022	24/09/2022
42	4MW19EC044	RASHMITHA BHAT	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
43	4MW19EC045	RITHESH KUMAR	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
44	4MW19EC046	RUHAIMA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
45	4MW19EC047	SAKSHI	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
46	4MW19EC048	SAMEEKSHA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
47	4MW19EC049	SAMEEKSHA P U	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
48	4MW19EC050	SHANTHIKA	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
49	4MW19EC051	SHANTHKUMAR C K	SMVITM	BANTAKAL	22/08/2022	22/09/2022
50	4MW19EC052	SHARANYA (U UDAYA)	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
51	4MW19EC053	SHARANYA (SANTOSH)	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
52	4MW19EC054	SHETTY NITHIN VIJAY	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
53	4MW19EC055	SHRAVAN S	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
54	4MW19EC056	SHREEPATHI	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
55	4MW19EC057	SHREESHA S AITHAL	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
56	4MW19EC058	SHREESHA	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
57	4MW19EC059	SHREYA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
58	4MW19EC060	SHREYA DEVADIGA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
59	4MW19EC061	SHREYA UDUPA S	NMAMIT	NITTE	22/08/2022	22/09/2022
60	4MW19EC062	SHREYA UPENDRA NAYAK	BHARATH ELECTRONICS LIMITED	ANDHRA PRADESH	22/08/2022	22/09/2022
61	4MW19EC063	SHREYAS ACHARYA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
62	4MW19EC064	SHREYAS M NAIK	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
63	4MW19EC065	SHRIKRISHNA BHAT	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
64	4MW19EC066	SHRINIKETH	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
65	4MW19EC068	SHWETHA	SWAGEN	BENGALURU	29/08/2022	30/09/2022



		PRABHU				
66	4MW19EC069	SIJAL KUMARI	WEBDEV IT SOLUTIONS	BIHAR	25/08/2022	25/09/2022
67	4MW19EC070	SINCHANA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
68	4MW19EC071	SNEHA J S	KYUNGSHIN INDUSTRIAL MOTHERSON PRIVATE LIMITED	TAMIL NADU	29/08/2022	29/09/2022
69	4MW19EC072	SOUJANYA S	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
70	4MW19EC074	SRIJANYA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
71	4MW19EC075	SRINIDHI S K	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
72	4MW19EC076	SUDEEP	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
73	4MW19EC077	SUKHITHA K S	BHARATH ELECTRONICS LIMITED	ANDHRA PRADESH	22/08/2022	22/09/2022
74	4MW19EC079	SUMUKHA HATWAR K N	SMVITM	BANTAKAL	22/08/2022	22/09/2022
75	4MW19EC080	SWATHI BHAT	MESCOM	MANGALURU	25/08/2022	25/09/2022
76	4MW19EC081	TABISH AKBAR	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
77	4MW19EC082	TULASI D J	NMAMIT	NITTE	22/08/2022	22/09/2022
78	4MW19EC083	UJWAL U SHETTY	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
79	4MW19EC084	VARALAKSHMI	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
80	4MW19EC085	VARSHINI ACHARYA	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022
81	4MW19EC086	WILSON NORONHA	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
82	4MW19EC087	YASHASWINI R AMIN	NEXTEER	BENGALURU	22/08/2022	22/09/2022
83	4MW19EC088	YASHWANATH NAIK	LOGIN WARE	BENGALURU	25/8/2022	25/09/2022
84	4MW20EC400	SUJAN	VI SOLUTIONS	BENGALURU	01-08-2022	20/08/2022

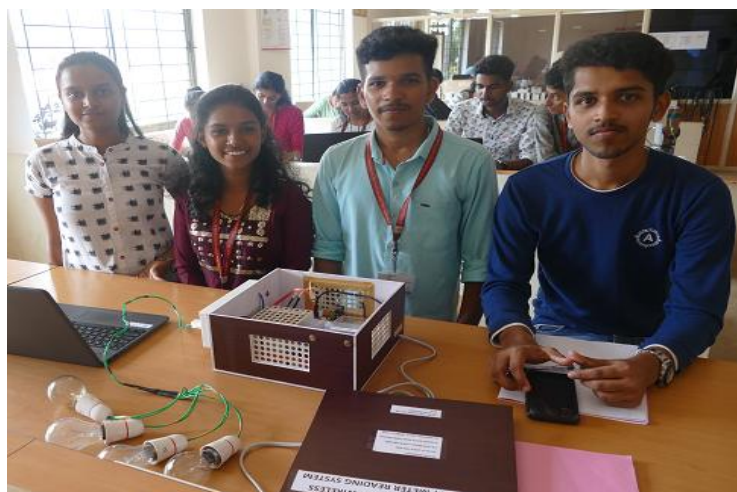
## 19. PROJECT AWARDS

Co-curricular committee in association with ISTE student chapter and IIC of SMVITM, conducted Final Year Project Exhibition on account of National Technology Day in the institute premises. Experts nominated a total of 2 student projects as Best Projects from each department. The I prize was 3,000 and II prize was 2,000 cash was awarded at a farewell function on 13th May 2023. Program was coordinated by cocurricular co-ordinator Dr. Renita Sharon Monis.

The project titled “**DRY AND WET GARBAGE SEGREGATION & MONITORING**”, has won the best project award under the exhibition category and this project was completed by the final year students **Sudeep, Ujwal U Shetty, Wilson Noronha & Sujan** from Electronics and Communication Engineering department under the guidance of Ms. Vimitha, Asst. Professor, ECE Dept.



The project titled “**AUTOMATIC ENERGY METER READER**”, has won the runner up under the exhibition category and this project was completed by the final year students **Akshay, Pratheeksha, Rakshath Kumar & Rashmitha Bhat** from Electronics and Communication Engineering department under the guidance of Dr. Guruprasad, Associate Professor, ECE Dept.



## 20. MINI PROJECT EXHIBITION & COMPETITION AWARDS

Co-curricular committee in association with ISTE student chapter of SMVITM and Hobby Project Club, conducted Mini Project Exhibition in the institute premises. Experts nominated a total of 3 student projects as Best Projects and three projects as consolation Prizes. The I prize was 3,000 and II prize was 2,000 cash and III prize was 1,000 .

The Mini project titled “**IOT BASED SMART CLASSROOM AND HOME AUTOMATION**”, has won the best mini project award and this mini project was completed by the pre final year students **Prasanna Shet, Pratham, Ankitha Shet, Rahul** from Electronics and Communication Engineering department under the guidance of Mr. Sachin Prabhu, Sr. Asst. Professor, ECE Dept.



The mini project titled “**ECO-TECH**”, has won the runner up and this mini project was completed by the second year students **Akshata Muralidhara Bailoor, & Dhanush Devadas Shasthri** from Electronics and Communication Engineering department under the guidance of Mr. Nagaraj Rao Associate Professor, ECE Dept.



## **TOPPERS LIST WITH SGPA**

### **8<sup>TH</sup> SEMESTER**

1	4MW19EC034	PRAJWAL	9.44
2	4MW19EC050	SHANTHIKA	9.44
3	4MW19EC004	AKSHATHA ANILKUMAR RENJAL	9.33

### **6<sup>TH</sup> SEMESTER**

1	4MW20EC024	KEERTHANA	9.08
2	4MW20EC012	ANUSHA	9.04
3	4MW20EC035	NIKHITHA SHETTY	8.83

### **3<sup>RD</sup> SEMESTER**

1	4MW21EC013	CHAITANYA ANANT NILEKANI	9.39
2	4MW21EC073	U ASHLESH KUMAR	9.22
3	4MW21EC027	KEERTHANA K	9.17

## **FACULTIES ACHEIVEMENTS**

### **Dr. Guruprasad**

- Reviewed papers in the stream “Embedded system and IOT” for the conference organized by the department of Electronics and Communication Engineering, NMAMIT, Nitte during 22 and 23 December 2022.

### **Mr. Nagaraja Rao**

- Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on August 03,2022 organized by intellectual property office india
- Reviewed papers in the stream “Embedded Systems & IOT” for the International conference on VLSI, SIGNAL PROCESSING, POWER ELECTRONICS, IOT, COMMUNICATION AND EMBEDDED SYSTEMS organized by the department of ECE, NMAM Institute of Technology, Nitte during 22 & 23 December 2022

### **Mr. Arun Upadhyaya**

- Invited speaker and delivering a Session on "Activity based learning on 28 September 2022 in a Faculty Development Program "Utkarsh" held at SMVITM College premises, Bantakal on 28, 30 September and 6 -8 October 2022.
- Reviewed papers for the VPSICE2022
- Resource person of "Value added course on Entrepreneurship" organized by the Institution's Innovation Council in association with the Entrepreneurship Development Cell on 20 June 2023.

### **Mr. Chetan R**

- Judge for interhouse "Science in everyday life" exhibition held on 20/10/22.
- Support rendered in mentoring the students of SVH Highschool Innanje in the spirit of Anveshana 2023, Hubli-Dharwad
- Judge for the 24 hours state level hackathon competition " HACKOTHSAVA 2023 " organized by the Department of Computer Science and Engineering in association with the Institution's Innovation Cell and Indian Society for Technical Education held on 2 & 3 June 2023 at the college premises.
- Resource person for One day workshop on "Electric VLSI Design Systems" organised by the department of ECE, Institute of engineering and technology, Srinivasa University Mukka Mangaluru, under NICSA on April 13, 2023

### **Mr. Ganesh Shetty**

- Completed the course cryptography and network security with a consolidated score of 83%

### **Mr. Ranjith Bhat**

- Filed patent on INTELLIGENT LEARNING-BASED PREDICTION OF DATA CENTER LOAD EFFICIENCY IN CLOUD COMPUTING. Date of filing of Application :12/05/2022

### **Ms. Yogeshwary B.H**

- Reviewed papers in International conference on technology engineering management for societal impact using marketing , entrepreneurship, and talent (TEMSMET 2023)", organized by the Vidya Vikas institute of technology Mysuru on 10th & 11th February 2023.

### **Ms. Akshatha Rao L**

- Completed the course " The Joy of computing using python" with a consolidated score of 90%

## OUT GOING BATCH 2022-23



ECE BATCH 2022-23 (Section -A)



ECE BATCH-2022-23 (Section -B)

# CONGRATULATIONS



**Ms. AKSHATHA ANILKUMAR RENJAL**  
**GOLD MEDALIST OF ECE 2022-23 BATCH**



**SMVITM**

*Department of  
Electronics and Communication Engineering*

*Newsletter Editors:*

*Ms. Jayashree M, Asst. Professor*

*Mr. Chetan R, Sr. Asst. Professor*

