

# ISTE NEWSLETTER



## INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)



*Year: 2021-22*



SHRI MADHWA VADIRAJA INSTITUTE OF  
TECHNOLOGY & MANAGEMENT

Vishwothama Nagar. Bantakal - 574 115

## THE INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

**ISTE** is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. The major objective of the ISTE is to provide quality training programs to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organisations.

**SMVITM** has been certified by ISTE, New Delhi as the Institutional Member ( IM: 2248 ) in the year 2013. To extend the services from ISTE, an ISTE Student Chapter ( KA-114 ) and ISTE Faculty Chapter ( KA-118 ) has been formed to motivate faculty and student members in the institute to contribute their technical skills. All the teaching faculty in the institute are Life Members of ISTE and all students are also enrolled as ISTE Student Members during their period of engineering education in the institute. ISTE Chapters in SMVITM have been organizing several technical programs like National Conference, Seminars, Workshop, Faculty Development Program, technical competitions etc.

### **MOTTOS**

- Career Development of Teachers.
- Personality Development of Students.
- Overall development of Technical Education System.

### **OBJECTIVES**

- To apply curriculum and educational processes to changing conditions.
- To develop excellent teachers and educational administrators.
- To improve teaching methods and practices and administrative usages.
- To enhance Professional ideals and standards to improve academics.
- To make an effective linkage between technical institutions, industry and society.

### **FOR MORE DETAILS:**

<https://sode-edu.in/associations/iste/>

<http://www.isteonline.in/>



## ISTE FACULTY CHAPTER 2021-22



**PROF. DR. THIRUMALESHWARA BHAT**  
ISTE CHAIRMAN & PRINCIPAL



**MR. CHETAN R**  
INSTITUTE  
COORDINATOR  
ECE DEPT.



**MR. KRISHNA  
KUMAR**  
TREASURER  
ECE DEPT.



**MR. SOORAJ  
KUMAR**  
SECRETARY  
CVE DEPT.



**MS. SNEHA N S**  
CSE DEPT.  
COORDINATOR



**MR. SUDHIR**  
ME DEPT.  
COORDINATOR



**MS. NISHA REENA**  
BASIC SCIENCE  
DEPT.  
COORDINATOR

## ISTE STUDENT CHAPTER 2021-22



**MR. BHARGAVRAM  
UDUPA T**  
COORDINATOR,  
4<sup>TH</sup> YEAR  
CSE DEPT.



**MR. AMISH  
SHEREGAR**  
SECRETARY  
4<sup>TH</sup> YEAR  
ME DEPT



**MR. RAKSHITH**  
JOINT  
SECRETARY,  
4<sup>TH</sup> YEAR  
CV DEPT



**MS. AISHWARYA**  
JOINT  
SECRETARY,  
4<sup>TH</sup> YEAR  
ECE DEPT



**MS. AVANTI RAO**  
MEMBER  
3<sup>RD</sup> YEAR  
CSE DEPT.



**MS. SHRUTHA V  
BHAT**  
MEMBER  
3<sup>RD</sup> YEAR  
CSE DEPT.

## ISTE FACULTY CHAPTER [KA-118] 2021-22

SL. NO	NAME	POSITION	DEPARTMENT	EMAIL ID	MOBILE NO
1	Prof. Dr. THIRUMALESHWARA BHAT	Chairman	Mechanical	principal@sode-edu.in	9449330555
2	Mr. CHETAN R	Coordinator	Electronics and Communication	chetan.ec@sode-edu.in	9986197796
3	Mr. KRISHNA KUMAR	Treasurer	Electronics and Communication	krishnakumar.ec@sode-edu.in	9741402655
4	Mr. SOORAJ KUMAR	Secretary	Civil	sooraj.civil@sode-edu.in	9743111412
5	MR. SUDHIR	Member	Mechanical	sudhir.mech@sode-edu.in	9964102164
7	Ms. SNEHA N. S.	Member	Computer Science	snehans.cs@sode-edu.in	9535618678
8	Ms. NISHA REENA NAZARETH	Member	Mathematics	nisha.maths@sode-edu.in	9164370482

## ISTE STUDENT CHAPTER [KA-114] 2021-22

SL. NO	NAME	POSITION	DEPARTMENT	EMAIL ID	MOBILE NO
1	Mr. Bhargavram Udupa T	Coordinator	4 <sup>th</sup> Year, CSE	bhargavram.18cs018@sode-edu.in	8277117956
2	Mr. Amish Sheregar	Secretary	4 <sup>th</sup> Year, ME	amish.18me001@sode-edu.in	8104279663
3	Mr. Rakshith	Joint Secretary	4 <sup>th</sup> Year, CV	rakshith.18cv015@sode-edu.in	7975835816
4	Ms. Aishwarya	Joint Secretary	4 <sup>th</sup> Year, ECE	aishwarya.18ec002@sode-edu.in	9113016634
5	Ms. Avanti Rao	Member	3 <sup>rd</sup> Year CSE	avanti.19cs022@sode-edu.in	9513250613
6	Ms. Shrutha V Bhat	Member	3 <sup>rd</sup> Year CSE	Shrutha.19cs094@sode-edu.in	8088335097



## ISTE ANNUAL REPORT

A wonderful platform Indian Society for Technical education [ISTE] was created to support the technical activity at our college since 2013. The outcome of the ISTE activities has been witnessed in the NAAC and NBA accreditation. The meticulous planning and magnanimous contribution by the ISTE team is commendable in this direction.

- ISTE at SMVITM is a forum which connects all the departments and unites as a family.
- ISTE plays a vital role in imbibing the leadership qualities.
- ISTE allows one to express their technical passion and nurture the hidden talent and what not....

ISTE team is very proactive and has conducted **34** events under the ISTE banner in association with the various departments in the AY 2021-22. It is a Hercules effort, all these have happened because of the able guidance of our dynamic HODs, exceptionally well executed by the young and energetic ISTE team and constant moral support from the Principal.

Events held at the various departments are listed below:

Civil Engineering Department:

<b>Civil Engineering Department</b>	
1.	VISTAARA-2
2.	Software Demonstration on Primavera and CostX Software
3.	Project Implementation and Preparedness
4.	Workshop on Building planning and marking
5.	Industry Visit to Dharmasthala Sewage treatment plant and Hydal power plant
6.	Effective Preparation Strategies for GATE-2022
7.	PRERANA - Three Days FDP on Recent advancement in outcome based education and civil engineering industry
8.	Application of Civil Engineering software & demonstration

We acknowledge the effort put by Dr. Sandeep Nayak and Mr. Sooraj for successfully conducting the 8 activities.

Mechanical Engineering department; Dr. Gajanana anne and Mr. Sudhir have taken initiative to conduct a workshop and webinar.

<b>Mechanical Engineering</b>	
1.	Webinar on “Practical Applications of FEM in Aerospace and Automotive Domain
2.	Workshop on CATIA : Held in two phases (4 days each)

Electronics and communication engineering department:

<b>Electronics &amp; Communication Engineering</b>	
1.	Competitive exam Training
2.	Peer Learning session - Introduction to Main frame technologies
3.	Three Day PCB Design workshop
4.	How to write an effective research paper
5.	Peer to Peer interaction on How to crack job interviews in reputed companies
6.	Five Days FDP on Electrical Vehicle & Smart Grid – (Jointly organized by EC & ME)

The splendid effort of Dr. Sachin bhat, Mr. Chetan R and department team led to 6 outstanding activities.

Computer Science and Engineering Department :

<b>Computer Science and Engineering Department</b>	
1.	Invited talk on Deep Learning
2.	Peer Learning Workshop on “Photoshop and poster making
3.	Peer Learning Workshop on PHP
4.	Three Days Staff Development program on “Computer Hardware Technology”
5.	Two days workshop on DevOps and AWS Industrial Tools

The consistent effort of Dr. Nagaraj Bhat, Ms. Sneha and Mr. Bhargavram team for organizing 5 trending topics event is appreciable.

ISTE also organized Institute level Events, supported by Dr. Subbalakshmi Karanth, Dr. Reena Kumari, Dr. Ravindra, Mr. Sunil Haldankar, and many more.

<b>Institute level Events</b>	
1.	Drawing and Essay Competition
2.	Teachers Day & Engineers Day
3.	Decode & Save Earth competition
4.	World Earth Day : Conscious Planet-Save Soil
5.	Ozone Day
6.	National Science Day

In the Basic Science Department, Ms. Nisha Reena Nazareth and with the support from all the three HoDs of basic science department have conducted 3 events and they are

<b>Basic Science Department</b>	
1.	Empowering Leadership skill
2.	Two Weeks of Student Induction Program
3.	National Mathematics Day

ISTE in association with Co-curricular cell organized 3 events with the support of Ms. Renita Sharon Monis

<b>Co-curricular</b>	
1.	Tech-likith: Technical writing Competition
2.	Mini Project Competition cum Exhibition
3.	Major Project competition cum Exhibition

ISTE team would like to convey regards to IQAC and principal for approving the requested fund to conduct the activity that benefitted the faculty and students of our college and helped to materialize the motto of ISTE.

Report by

**Chetan. R,**

Sr. Asst. Professor, ECE Dept.

ISTE Coordinator.

## LIST OF ISTE ACTIVITIES 2021-22

SL No.	TITLE OF THE PROGRAM	HELD DATE	PAGE NO.
1.	Drawing and Essay Competition	10/09/2021	10
2.	Teachers Day & Engineers Day	15/09/2021	12
3.	Ozone Day	16/09/2021	14
4.	VISTAARA-2	24/09/21 & 25/09/21	15
5.	Adobe Training	4/10/2021	16
6.	Software Demonstration on Primavera and CostX Software	19/10/21	17
7.	Invited talk on Deep Learning	30/10/2021	18
8.	Empowering Leadership skill	13/11/21	19
9.	Peer Learning session - Introduction to Main frame technologies	13/11/21	20
10.	Project Implementation and Preparedness	29/11/21	21
11.	Workshop on CATIA	12/11/2021 to 15/11/2021	22
12.	One day workshop on Building planning and marking	09-12-2021	23
13.	Three Day PCB Design workshop	9/12-11/12/2021	24
14.	Peer Learning Workshop on "Photoshop and poster making	11/12/2021	25
15.	Student Induction Program	6/12/2021 - 18/12/2021	26
16.	National Mathematics Day	22/12/2021	35
17.	Industry Visit to Dharmasthala Sewage treatment plant and Hydal power plant	23/12/2021	36
18.	Peer Learning Workshop on PHP	1/1/2022& 2/1/2022	37



19.	Webinar on “Practical Applications of FEM in Aerospace and Automative Domain	5/1/2022	38
20.	Tech-likith: Technical writing Competition	13/1/2022	39
21.	Effective Preparation Strategies for GATE-2022	4/2/2022	40
22.	National Science Day	28/2/2022	41
23.	Five Days FDP on Electrical Vehicle & Smart Grid	14/3-18/3/ 2022	42
24.	PRERANA - Three Days FDP on Recent advancement in outcome based education and civil engineering industry	07/04/2022 to 09/04/2022	44
25.	Three Days Staff Development program on “Computer Hardware Technology”	21/4/2022 to 23/4/2022	45
26.	Decode & Save Earth competition	21/4/2022	46
27.	World Earth Day : Conscious Planet-Save Soil	22/4/2022	46
28.	Application of Civil Engineering software & demonstration	4/5/2022	48
29.	Two days workshop on DevOps and AWS Industrial Tools	20/5/2022 & 21/5/2022	48
30.	How to Write an effective research paper	8/6/2022	50
31.	Peer to Peer Interaction on How to crack job interviews in reputed companies	22/6/2022	51
32.	ISTE Annual Day	25/6/2022	52
33.	Major Project Exhibition/ Competition	29/6/2022	53
34.	Mini Project Exhibition/ Competition	02/7/2022	54

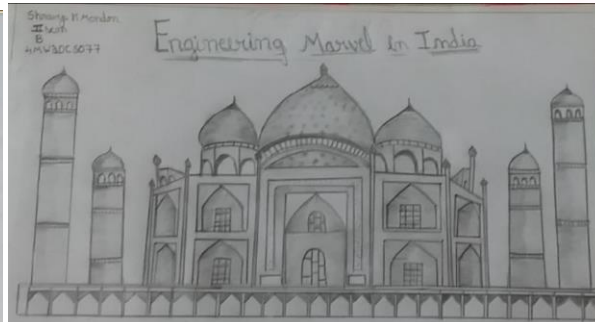
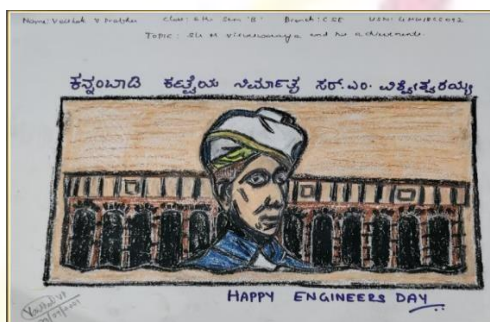
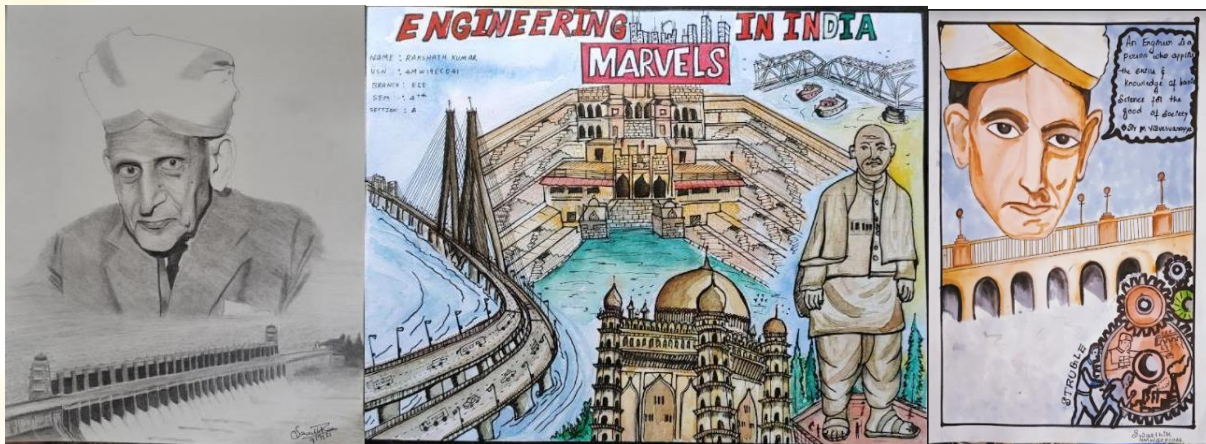
# 1. DRAWING AND ESSAY COMPETITION

The ISTE club of SMVITM organized a Drawing Competition as part of Engineer's Day 2021 on the 10<sup>th</sup> of September through online mode. There were two themes given and the participants were asked to choose any one among these two. The two themes were

- 1. Sir M. Visvesvaraya & his achievements,
- 2. Engineering marvels in INDIA

Totally 10 students participated in the event. The participants were given a set of guidelines and very creative submissions were received through Google-Form. The drawing competition was evaluated by Ms.Rajeshwari Rao, from Canara School Mangalore.

**Mr. Sourabh**, USN : 4MW20EC060, 2nd sem, D section was declared as the winner. Ms. Sneha N S, Asst Professor(Sr), Department of CSE, SMVITM coordinated the event along with Mr.Chetan R, Department of ECE, SMVITM.



## ESSAY COMPETITION REPORT

The ISTE club of SMVITM organized an English essay competition as part of Engineer's Day 2021 on 10<sup>th</sup> of September through online mode. The topic given for the competition was given as '**Contribution of Engineers in society**'. Totally 21 students participated in this event. The participants were given a set of guidelines and the submissions were received through Google-form.

The essay competition was evaluated in two rounds. The first round was judged by **Mr. Chetan R**, ECE department, **Mr. Sooraj Kumar**, Dept. of Civil Engineering, **Ms. Dhanya Shenoy**, Dept. of Computer Science and Engineering, **Ms. Sneha N S**, Dept. of Computer Science and Engineering. After an interesting round of evaluating some very creative essays, two best essays were selected for second round from each judge and were sent to **Ms. Sneha Jovita Dsouza**, Department of English, for final judgement.

After evaluation of final 8 submissions, **Ms. Aninditha**, bearing USN : 4MW18CS007, 6th Sem, A section, Dept. of CSE was declared as the winner. Ms. Sneha N S, Asst Professor(Sr), Department of CSE, SMVITM coordinated the event along with Mr. Chetan R, Department of ECE, SMVITM.



## 2. TEACHERS DAY & ENGINEERS DAY

ISTE Faculty Chapter of SMVITM, Bantakal in association with the extracurricular committee organised Teachers Day and Engineers day celebration at SMVITM, on 15 September 2021 at the institute premises.



Mr. Arun Prabha K.S. General Manager, Mangalore Smart City Limited was the Chief Guest for the event. In his address he emphasised that the efficient and great administration like Sir M. Visvesvaraya would be the beacon for the engineers. And also said that education is only the medium to excel and go back to the golden period of Visvesvaraya.

The guest of honour of this program Dr.B.M.Somayaji, Former Professor, Chemistry Department, PPC, Udupi, addressed regarding the life of Dr. Sarvapalli Radhakrishnan and Sir M. Visvesvaraya. Their eminent personality inspired us in day to day life. Continuing his speech he congratulated and appreciated all the teachers for their contribution to the field of education and how the new generation of Teachers need to keep inspiring students. We have to give importance to knowledge rather than google information .Intelligent quotient, Emotional, Spiritual, Happiness quotient is lagging behind now a days. He also has given instances of his teaching career.

Dr. Udaya Prasanna (Rtd. Prof.Dept. of ME) honoured during this occasion. Also CET mock test toppers were felicitated.

Shri Ratnakumar (secretary SSVMET) also addressed the gathering. Dr. Thirumaleshwara Bhat, Principal, SMVITM, presided over the function. In his Presidential address, he spoke on the relevance of celebrating Teachers day and Engineers day in the fond memory of Dr. Sarvapalli Radhakrishnan and Sir M.Visvesvaraya respectively. He told to inculcate their qualities in our life.

Also in the beginning of the program, tribute is offered to the departed soul of Oscar Fernandes, Former MP and Sr. Congress leader. During inauguration of the college in the year 2010 we were fortunate to have him as the chief guest. On account of Engineers Day and Teachers day competitions were conducted. Winners were awarded with the prizes.

Ms. Sneha Dsouza, Asst. Professor, Dept. of English gave a brief overview about the relevance of both Teachers' Day and Engineer's Day and compered the program. Mr.Manjunath and Ms. Bhagyalaxmi Assistant Professors introduced the Chief Guest and guest of honour respectively. Dr. Ganesh Aithal, Vice Principal welcomed the gathering and Ms. Ramyashree, Asst. Professor, Dept. of Computer Science and Engineering proposed the vote of thanks. Deans,HoDs of various departments, Teaching and non teaching staff were present during the Program.



### 3. WORLD OZONE DAY CELEBRATION

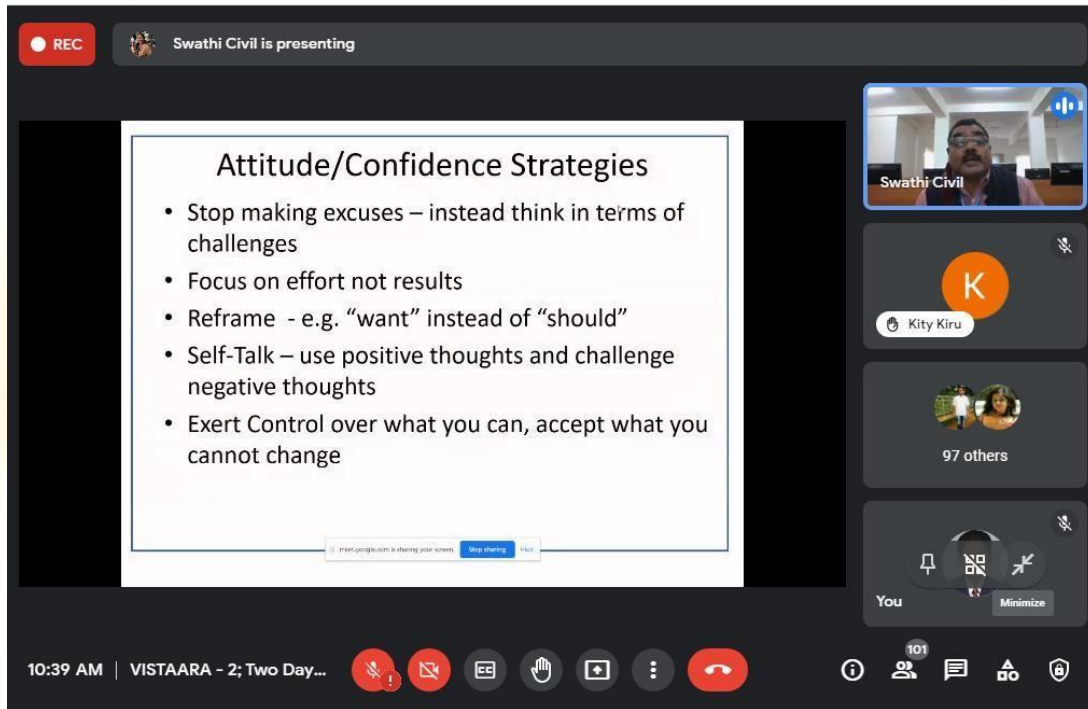
The Department of Chemistry in association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management had an organized webinar on “Protecting the ozone layer and combating climate change” for the benefit of faculty members, researchers, and students on 16 September 2021 from 3.00 pm to 4.00 pm as a part of World Ozone Day celebrations.



Dr. Balakrishna Keshav, professor of, Department of Civil Engineering, MIT Manipal was the resource person of the webinar. In his address, the resource person explained the reason for Ozone depletion and also he clarified myths regarding the ozone layer. Also, he talked about Earth's climate change. The webinar was hosted online using Google meet the application. Dr. Reena Kumari Head of Chemistry Department along with faculty members Dr. Subbulakshmi N. Karanth and Ms.Raviprabha had organized this event.

## 4. VISTAARA-2

Civil Engineering department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE organized a two days value added course titled as VISTAARA- 2 for the nearby diploma colleges on current trends in Civil Engineering field which was held on 24th and 25th September 2021 through online platform.



Resource persons from the institution, Dr. Nagraj Bhat, Head of the computer Science department have addressed the students on application weather informatics in civil engineering applications; Mr. Sunil S Haldanker, Senior Assistant Professor from Civil Engineering Department explained the advancement in the soil mechanics and its application. Mr. Roshan S Kotian, Assistant Professor, Civil Engineering Department gave deep insights on legal documentation process involved in the Building plan approval system. Mr. Abhijith, Final year student of Civil Engineering Department demonstrated the project idea generation and its implementation to the students.

More than 100 students have participated from Government Polytechnic College, Karkala, Kamath Polytechnic College, Kundapura, Karnataka Government Polytechnic College, Mangalore, Shri Vidhyadhiraja Polytechnic College, Kumta, Sunkadakatte Niranjana Swamiji Polytechnic College, Sunkadakatte. Dr. Thirumaleshwara Bhat, Principal inaugurated the program, Dr. Sandeep J Nayak, Head of the Civil Engineering Department gave keynote address on self management, Dr. C K Manjunath, Student welfare officer, gave valedictory address. Mr. Sooraj Kumar & Ms. Swathi from Civil Engineering Department organized the program.

## 5. ADOBE INTERNSHIP-DOMAIN SPECIFIC ROUND PREPARATION

Department of Electronics and Communication Engineering of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, in association with the Department of Training and Placement and ISTE organized a **"Adobe Internship- Domain Specific Round Preparation"** for 203 batch Adobe Internship aspirants of SMVITM on 4<sup>th</sup> October 2021.



Dr. Balachandra Achar H V, Professor, Department of ECE, Mr. Nagaraj Rao, Associate Professor, Department of ECE, Mr. Sachin Prabhu, Mr. Chetan R, Ms. Laxmi Shetty, Mr. Arun Upadhyaya and Mr. Ganesh Shetty, Assistant Professors, Department of ECE were the resource persons. Faculties conducted sessions on various Electronics and Communication Engineering domain specific subjects like Microcontrollers, Microprocessors, Digital Electronics, Network Theory, Analog Devices, Control Systems, Communication Systems, Electrical Measurements and Instruments wherein they discussed on frequently asked questions and important websites to refer which helps students to crack the interview process. 33 Adobe Internship aspirants from 2023 batch actively participated in the session.



## 6. SOFTWARE DEMONSTRATION ON PRIMAVERA AND COSTX SOFTWARE

Civil Engineering department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE & Sthapati, Student club organized a software demonstration on "Primavera & CostX Software which was held on 19<sup>th</sup> October 2021 at college premises.



Mr. Janardhan Kumar, Trainer, Infinity PMC Technologies was the resource person. Mr. Janardhan addressed the students on importance of skill based learning in the education system and its vital role in corporate sector. First demonstration was given on Primavera Project management software, he explained in detail about the key features of the software and how does the Primavera software handles the activities of multiple project simultaneously.

He further elaborated the significance of the management software in various sectors like, infrastructure development, transportation facility, software industries, and aircraft manufacturing industries so on. Second demonstration was given on CostX- A building Estimation software. He demonstrated the ease of using this software compared to the other architectural software which has estimation as secondary function whereas CostX software exclusively made for the building estimation and approval. Total 45 students have attended this program.

## 7. INVITED TALK ON DEEP LEARNING

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised an Invited Talk on “Recent Trends in Deep Learning” on 30th October 2021, from 1:00 pm to 2:00 pm. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter. Mr. Mohammed Ameer, Corporate Trainer at Tequed Labs was the resource person for the event.



The event was conducted in Seminar Hall at Admin Block of the college. There were around 90 enthusiastic participants throughout the session

In the session, Mr. Ameer, gave some wonderful insight to the participants about what Deep Learning is, demonstrated some live examples using Google’s Teachable Machine platform, showed some products which employ the techniques of Deep Learning, informed about various tools that could be used, and answered all the questions which the participants had asked during the session.

Bhargavram Udupa T from 7th semester CSE delivered the welcome address who was also the event moderator. Shrutha V Bhat from 5th semester CSE introduced the speaker. The vote of thanks was given by Avanti V Rao from 5th semester CSE. The registrations and feedbacks were also handled by Bhargavram Udupa T. Ganesh Hathwar B S of 7th semester CSE helped the team in designing the flyer for the event.

Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from Computer Science and Engineering Department played a major role in the smooth conduction of the event



## 8. EMPOWERING LEADERSHIP SKILL



Basic Science Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE Cell organized a session on “Empowering Leadership Skill” on 13/11/2021, from 2:00 pm to 3:00 pm in the Seminar Hall (Admin Block) for the class representatives, student coordinators/volunteers of various cells and interested students of all branches. Total 47 participants were present for the session.

Dr. Vasudeva, Professor & Dean-Research and Consultancy, Department of Computer Science & Engineering was the resource person for the session. In this session, the resource person explained the qualities of leaders by taking the example of “Mahabharatha” and also asked students to be the leaders with presence of mind, to take the responsibility of their team and take their own quality decisions.

ISTE Student coordinator Mr. Bhargavram supported the program along with other student volunteers Ms. Aninditha and Ms. Ananya. Ms. Nisha Reena Nazareth was the coordinator of the event.

## 9. PEER TO PEER LEARNING SESSION – INTRODUCTION TO MAIN FRAME TECHNOLOGIES

Department of Electronics and Communication Engineering in association with ISTE cell conducted peer to peer learning session on “Introduction to MainFrame Technology”. This session was held on 13/11/2021, from 12:00pm to 1:00pm at the ECE department, SMVITM. Resource person for this session was Ms. Sanjeetha Shetty. She is our college alumna and currently working in Infosys Ltd. Bengaluru as a System Engineer. Around 60 Students from 2nd Year ECE participated and interacted with Ms. Sanjeetha.



Ms. Sanjeetha began the session by asking question to students about their interest towards programming and gave the information about which programming language is of prime importance in MNCs. She continued the session by explaining the importance of mainframe technology and how it is advantageous over desktop. Also she introduced Mocha software and showed how to allocate physical data set. Finally she concluded her presentation by emphasizing about internship during students education period.

Ms. Shreya M Tantry, 3rd Semester ECE student welcomed the resource person and audience. Mr. Chetan ISTE coordinator, Ms. Akshatha Rao, Asst. Professor, ECE Dept. Dr. Sachin Bhat, HoD, ECE Dept. Mr. Ferdinand, CR of 7th Sem ECE and Ms. Aishwarya ISTE Joint Secretary were present for the session. Mr. Adithya Prakash, 3rd sem ECE student proposed vote of thanks.

## 10. PROJECT IMPLEMENTATION AND PREPAREDNESS

Civil Engineering department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE student chapter and Sthapathi Student club organized a talk on Project implementation and preparedness by Architect Yogish Chandra Dhara, Partner A G Associates, Udupi on 29th November 2021 at college premises for the students of Civil Engineering department.



Mr. Yogish Chandra Dhara addressed the students on handling the projects with professional obligations and how professionals are different from businessmen. He also stressed upon the significance role of professional engineers in the nation building and inspired the students to take up the opportunities which are abundantly available in the country but need to update the knowledge and skill.

Speaker displayed the case study of the various projects designed and constructed by his own firm and explained cantilever concept adopted in his own office building A G A Kantilever building at Udupi, construction challenges and implementation in Zilla panchayathi Building, Madikeri and Architectural features in Government technical University, Challakerer and many more.

Ms. Priyanka D'Souza welcomed the gathering, Ms. Anwitha introduced the speaker, Mr. Rakshith, ISTE student secretary proposed the vote of thanks, Ms. Janvi N compeered the program. Dr. Sandeep J Nayak, Head of the department concluded the program. Mr. Sooraj Kumar & Mr. Madhusoodhana Rao, Assistant Professors organized the program. More than 50 students have participated in the event



## 11. WORKSHOP ON CATIA

The department of Mechanical Engineering under ISTE Student Chapter had organized a training program on "CATIA software" from 12 November 2021 to 8 December 2021, total 8 days for mechanical engineering students of pre-final and final year at CAD Lab of the institution.



The training program was conducted in two halves, 12-15 November and 5-8 December for the whole day. Mr. Prashanth from EduCADD, Udupi conducted hands on sessions on Basics of drafting and modeling in CATIA software. Drafting and creating models was demonstrated to the students and they performed the same in CATIA software. 34 registered students benefited from this training program. All registered students are provided with certification from Dassault Systems after conducting examination.

## 12. BUILDING PLANNING AND MARKING

Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with Alumni Cell and ISTE Student Chapter organized a workshop on “Building Plan and Marking” for final year students of Civil Engineering which was held on 09th September 2021 in the institute premises.



Resource persons for the workshop were Alumni of Civil Department from second and third batch. The session were split in to two parts. The first session of Building Plan and marking drawing preparation was taken by Er. Roshan S Kotian, Alumni (2011-15 batch) working in Apex consultants Udupi. The session started with various documents for building construction and use of byelaws for building plan. The hands-on session was conducted for all students in preparing Building Plan and marking drawing.

In the afternoon session Er. Mounesh Acharya (2011-15 batch) and Er. Avinash Poojary (2012- 16 batch) from Apex Consultants Udupi guided the students regarding use of this workshop in their future days. Students were been split into teams and step wise building marking process has been demonstrated. The students benefited with hands-on session on foundation marking for their developed plan in the field.

Total 34 Students registered for this workshop. With the help of Teaching and Non- Teaching staff of the Department, the event finished successfully.



### 13. THREE DAY PCB DESIGN WORKSHOP

Department of Electronics and Communication Engineering in association with ISTE Cell conducted a Three Day Hands-on Workshop on **"PCB DESIGN USING OPEN SOURCE TOOL"** held on Dec 9, 10 & 11, 2021 at the CCC Lab, 3<sup>rd</sup> Floor Admin Block, SMVITM. Resource persons for this session were Dr. Arjun Mudlapur and Mr. P Subrahmanya Adiga, Directors of Apsaram Technologies, Bengaluru. Around 55 students from 2<sup>nd</sup> Year & 3<sup>rd</sup> Year ECE participated and interacted with the resource person.



Resource persons started the session by introducing the PCB terminologies, features of KiCad software and listed the importance of using open-source tools. The session continued with the hands-on mode of discussion and students got benefitted by implementing the electronic circuits. The session concluded by generating the Bill of Material (BoM) and GERBER File. During the inauguration of the workshop Dr. Sachin Bhat, HoD of ECE Dept. welcomed the resource person, participants, and said students need to keep themselves engaging in active learning and update with the technological aspects. Dr. Ganesh Aithal, Vice Principal gave a presidential speech and motivated the students to be active in the workshop.

Ms. Akshatha Renjal, a student from the 3<sup>rd</sup> Year ECE Dept compered the program. Sr. Lab instructors Mr. Girish and Mr. Sandeep and Ms. Aishwarya, ISTE Joint Secretary supported the event. Ms. Shashikala R, Asst. Professor (Sr.), ECE Dept. and Mr. Chetan R, ISTE Coordinator organized the workshop.

## 14. PEER LEARNING WORKSHOP ON “PHOTOSHOP AND POSTER MAKING

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised a Peer Learning Workshop on “Photoshop and poster making” on 11th December 2021. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter. Ganesh Hathwar, Tejas Rao and Princeton Leron Lewis from 7th semester CSE were the resource persons for the event. Around 30 students together from 3rd and 5th sem CSE participated in the workshop.



Dr. Vasudeva, Dean (Research and Consultancy) gave the inaugural address. He spoke about the significance of the peer learning session and gave insights on the importance of creativity for creating beautiful designs. The trainers Ganesh, Tejas and Princeton gave some wonderful insight to the participants about the purpose of using Photoshop, taught about various features that are available using examples, showed some designs which they had already worked on in the past, and informed about various tools that could be used to edit photos and design graphics. They had also answered all the questions which the participants had asked during the session.

The workshop ended with a competition on designing a poster where ‘Varnotsava’ was given as the theme. Mr. Anantesh Rao faculty of Mechanical Engineering Department judged the competition. The registrations and feedback were handled by Bhargavram Udupa T of 7th Semester CSE. Shrutha V Bhat and Avanti V Rao from 5th Semester CSE, and Vivek Shenoy and Shubam from 7th Semester CSE were the volunteers for the event. Ganesh Hathwar B S of 7th semester CSE helped the team in designing the flyer for the event. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from the Computer Science and Engineering Department played a major role in the smooth conduction of the event.

## 15. STUDENT INDUCTION PROGRAM

Basic Science Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE Cell organized a two week "Student Induction Programme 2021-22" for the first year students of all branches in the Seminar Hall (Library Block) from 06/12/2021 to 18/12/2021. Around 300+ participants were present for the program.

### **Day-1(06/12/2021)**

Session-1(9.15AM-9.45AM): Dr. Ravindra H J, Associate Professor and HOD, Department of Physics, welcomed the newly joined first year students and gave the brief introduction about the Student Induction Programme and discussed about how important to manage time and stress in their lives.

Session-2(9.45AM-11.30AM): Dr. Vasudeva, Professor & Dean-Research and Consultancy, Department of Computer Science & Engineering, conducted a session on Self Introduction & Self Exploration and he asked to find their capabilities and skills, also to explore their peers along with self-exploration and the session was concluded by taking the self-introduction of the audiences.

Session-3(11.45AM-12.45AM): Ms. Savitha Shenoy, Assistant Professor, Department of Computer Science & Engineering, conducted a session on 'Society' with the key points - Introduction to society, society and individuals being complementary and supplementary of interdependence, importance of interdependence, role of a student at home , college and in society.

In the afternoon from 1.45PM to 4.30PM campus tour was held where the students were taken to all the department blocks and laboratories.

### **Day-2(07/12/2021)**

Session-1(9.15AM-11.15AM): Mr. Karthik Kateel S Kateel, CEO & Founder Swaraksha for Women Trust, along with his mother conducted a session on self-defense and spoke on the following key points:

- How to stop inviting trouble.
- Difference between physical and mental abuse.
- Weak point in a human body.
- Tips and tricks to avoid sexual abuse.
- How to avoid and tackle group attacks.

Team formation for extracurricular activities were done and in the afternoon session by Mr. Ananthesh Rao, Coordinator, Extracurricular Cell, addressed the students about the literary activity, followed by the yoga activities the last session was concluded.



### **Day-3(08/12/2021)**

Session-1(9.15AM-10.30AM): Mrs Laxmi Shetty, Assistant Professor, Department of Electronics & Communication, she addressed the students on the topic 'Respect and Relation' and she began the session by introducing herself to the students. She told them her session would be successful if students at least start greeting lecturers whenever they see them and the motive would be achieved. She made her session more interesting by showing videos and giving activities to the students.

Session-2(11.00AM-12.30PM): Dr. C.K. Manjunath, Student Welfare Officer, conducted a session on 'Upgrading Communication Skills'. In this session teams were formed and activities were conducted such as memory game, tongue twister and pick & speak. The score were decided for each team based on their performance and prizes were given.

Session-2(1.30PM-3.00PM):Dr. Sachin Bhat, Associate Professor, Department of Electronics & Communication Engineering, spoke on the topic 'Machines can think, what about you?'. In this session, he explained what is data and information?, also gave information on turing test.

### **Day-4(09/12/2021)**

Session-1(9.15AM-10.30AM): Dr. Lolita Priya Castelino, Associate Professor & HOD, Department of Mathematics stated the first session on the topic 'The foundation of relationship – Trust Right Here, Right Now', where she shared her past experiences to the students about what trust means, gave insights about communication and networking, spoke about why trust is important and how to work on building trust with people around us.

Session-2(11.15AM-12.30PM): This session was conducted by the coordinators of EDC, NSS, YRC, where the coordinators briefed about their cells and encouraged students to join and highlighted the benefits of active participation while serving for the community.

In the afternoon Mr. Ananthesh Rao, Coordinator, Extracurricular Cell, conducted the activities to the students like anthyakshari and collage.

### **Day-5(10/12/2021)**

Session-1(9.15AM-10.30AM): Ms. Deepika, Assistant Professor and HOD, Department of Civil Engineering engaged a session on the topic 'Understanding Health- Program for Health', where she explained to the participants about how to take care of one's health, gave insights about having a balanced diet, spoke about the necessity of exercising regularly and answered all the questions which the participants had asked during the session. The speaker also shared her journey of becoming fit and encouraged the audience to be active and consider including yoga, sports, and other forms of activities in their everyday life.



Session-2(11.00AM-12.00PM): Ms. Laxmi Shetty, Assistant Professor, Department of Electronics & Communication spoke on the topic mental health, who emphasized about the factors that contribute to mental health problems and discussed about the early warning signs. She addressed the gathering about ways to maintain positive mental health like getting physically active, having a proper sleep-wake cycle, helping others, socializing, etc.

#### **Day-6(13/12/2021)**

Session-1(9.15AM-10.30AM):Ms. Shashikala, Assistant Professor, Department of Electronics & Communication Engineering conducted a session on the topic 'Peer Pressure', where she explained to the students what is meant by peer pressure and gave insights about physical issues and types of disorder at the age of adolescence, positive peer pressure and how to develop a healthy lifestyle and increase confidence and improve in academics. At the end, she asked students about their problems or doubts and tried to resolve them.

Session-2(11.00AM-11.30PM):Mr. Deepak S., Librarian, engaged a session on Library Orientation, where he shared the information about the facilities of central library like books, m-library, cloud version, digital library, photocopy center, internet and also encouraged students to enroll for the book bank facility. Also from the central library they had arranged a session on 'Developing Reading Habits in Students' by Dr. Sudarshan Rao, Professor & Dean(IQAC), Department of Mechanical Engineering, where he encouraged students to develop reading habit by giving the benefits of reading and gave some tips to improve reading and enhancing memory.

In the afternoon higher semester students formed 10 groups of students and instructed them about the treasure hunt game which they had planned as icebreaking session for their juniors. The session was concluded by giving prizes to the winning teams.

#### **Day-7(14/12/2021)**

Session-1(9.15AM-10.30AM): Dr. Balachandra Achar, Professor, Department of Electronics & Communication Engineering, conducted a session on 'Aspirations and Concern at the Individual Level'. He started the session with some of the aspirations and concerns of an individual, fulfillment of aspirations, resolution of concerns and concluded the session with, 'Does self-understanding make a difference?'.

Session-2(11.00AM-12.00PM): Dr. Sandeep Nayak, Professor and HOD, Department of Civil Engineering, spoke on the topic 'Effective Time Management', where he told time is money and gave three secrets of time management and concluded the session with 5-steps for successful time management.

In the afternoon, on behalf of National Energy Conservation Day, Department of Mechanical Engineering had arranged three competitions namely, Model Exhibition, Poster Exhibition and Public Speaking for the first year students and the session was concluded by giving prizes to the winners.

### **Day-8(15/12/2021)**

Session-1(9.15AM-10.30AM): Ms. Vidya Bhat, Placement Officer, conducted a session on 'Orientation of Placement Department', where she introduced the company's which visit to our institute, company expectation, major recruiters. Also, shared the information about types of job they can undertake, courses which can be chosen after engineering and timeline to prepare themselves for post graduate courses.

Session-2(11.00AM-12.00PM): In this session, first year coordinator, Dr. Reena Kumari P. D., Associate Professor & HOD, Department of Chemistry, gave the detailed information about regulations governing the degree of bachelor of engineering which included academic terms, grade points in CGPA, SGPA, attendance requirement, teacher guardian allotment and interaction, maximum and minimum of CIE and SEE for theory/practical courses, etc.

Session-3(1.30PM-2.30PM): Dr. Sudarshan Rao, Professor & Dean (IQAC), Department of Mechanical Engineering, addressed the gathering on the topic 'Skill Sets for Engineering Gratitude', which included information on national employment report, reasons for unemployment, attributes of 21st century, how to enhance knowledge, syllabus change and technology up gradation.

Session-4(2.50PM-3.15PM): Mr. Sudhir, Assistant Professor, Department of Mechanical Engineering, started his topic 'Understanding Harmony-Its nature and existence', where he said there are four factors of life: Plant order, Bio order, Human order, Physical order and continued with inter-relation between the orders of ecosystem and concluded the session with showing a video and explained how man is exploiting the mother earth with his new inventions.

Session-5(3.51PM-4.30 PM): Extracurricular Cell "Samskrithi" organized a fun event by the faculty to the first year students. Faculty from various departments performed singing on songs of regional languages.

### **Day-9(16/12/2021)**

Session-1(9.15AM-10.30AM): Dr. Sudarshan Rao, Professor & Dean (IQAC), Department of Mechanical Engineering, continued the previous topic 'Skill Sets for Engineering Gratitude', where he spoke about how to enhance skill, knowledge, attitude, student learning styles, tips for better learning, creativity and communication, leadership, team work, adaptability and punctuality.

Session-2(11.00AM-12.00PM): This session was on the orientation of SWAYAM-NPTEL and Indian Society for Technical Education. The session was started by Mr. Deepak Rao, Coordinator, Swayam-

NPTEL, where he gave brief introduction about massive open online course (MOOC) ,NPTEL certification and how beneficial are the online courses in credit based education system. This session was continued by Mr. Chethan R., Coordinator ISTE, where he started the session by giving an activity to the students which was on art of listening, learning and implementing. In this session he told about what is meant by ISTE, ISTE membership, and faculty & student chapters of ISTE at SMVITM, activities sponsored by ISTE and the roles & responsibilities of office bearers of ISTE.

### **Day-10(17/12/2021)**

Session-1(9.15AM-10.30AM): Dr. Vasudeva, Professor & Dean-Research and Consultancy, Department of Computer Science & Engineering, addressed the students on the topic 'Leadership Skills', where he explained the qualities of leaders by taking the example of 'Mahabharatha' and also asked students to be the leaders with presence of mind, to take the responsibility of their team and take their own quality decisions. After the first session students were allowed to practice for the general variety competitions, which was held on next day.

### **Day-11(18/12/2021)**

Extracurricular Cell has arranged a talent show "Chilume-21", a general variety competition on the theme 'Indian Culture' by ten teams of the first year students which was started at 9.30AM. and concluded at 3.30PM.Teams had come up with variety act which included singing, dancing, skit, etc. Performances were judged on the basis of talent of students and not on the costumes. The best three teams were the given the cash prizes.

The first year program coordinator Dr. Reena Kumari, overall coordinators of SIP-2021 Ms. Sandhya and Ms. Raviprabha K. and Basic Science Department ISTE coordinator Ms. Nisha R. Nazareth organized the program along with student ISTE office bearers.

### **Photos of SIP**

**Dr. Ravindra H J, Associate Professor and HOD,  
Department of Physics**

**Dr. Vasudeva, Professor & Dean-Research and  
Consultancy, Department of Computer Science &  
Engineering**





**Ms. Savitha Shenoy, Assistant Professor,  
Department of Computer Science & Engineering**



**Mr. Karthik Kateel S Kateel, CEO & Founder  
Swaraksha for Women Trust**



**Ms. Laxmi Shetty, Sr. Asst. Professor ECE  
Department**



**Dr. C.K. Manjunath, SWO**



**Dr. Lolita Priya Castalino, HOD, Dept. of  
Mathematics**



**Mr. Arun Upadhyaya, Sr. Asst. Professor, ECE Dept.**





**Mr. Nagaraj Rao, Associate Professor, ECE Dept.**



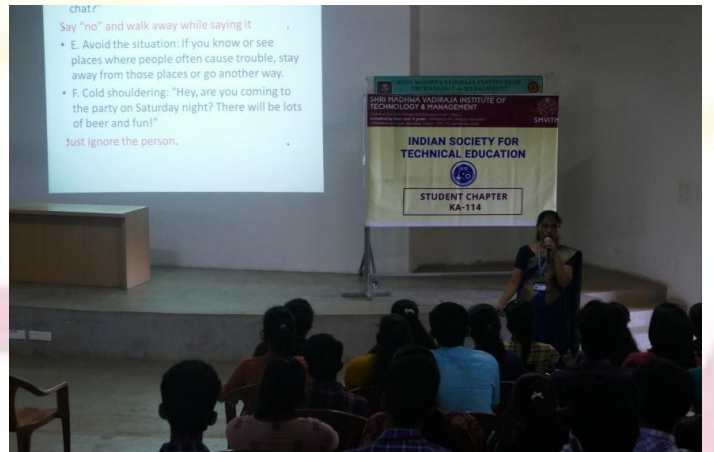
**Ms. Deepika, Sr. Asst. Professor, CVE Dept.**



**Dr. Ganesh Aithal, Vice Principal**



**Ms. Shashikala R, Sr. Asst. Professor, ECE Dept.**



**Mr. Deepak, Librarian**



**Student Activity**





**Dr. Sudharshan Rao, Dean IQAC**



**Dr. Balachandra Achar, Professor, ECE Dept.**



**Dr. Sandeep Nayak, HOD, CVE Dept.**



**Ms. Vidya Bhat, Placement Officer**



**Student Activity**



**Student Activity**



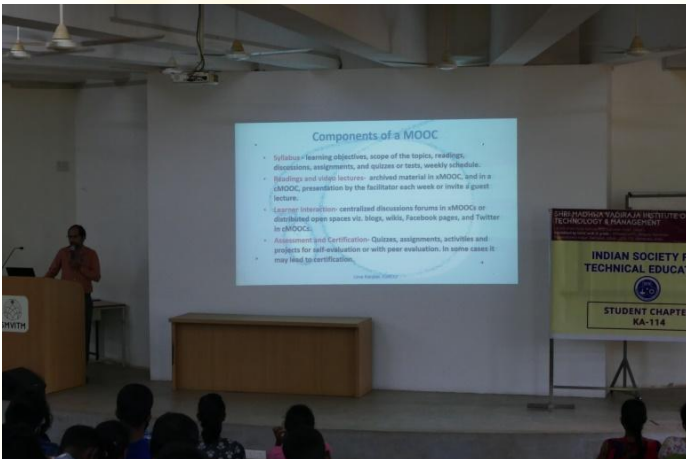
**Dr. Reena Kumari, HOD, Chemistry Dept.**



**Mr. Sudhir, Sr. Asst. Professor, ME Dept.**



**Mr. Deepak Rao, Sr. Asst. Professor, CSE Dept.**



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





## 16. NATIONAL MATHEMATICS DAY

The department of Mathematics in association with the faculty chapter of Indian Society of Technical Education (ISTE) of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised an invited talk on 22 December with the title "Srinivasa Ramanujan: Life and Legacy" on the account of "National Mathematics Day" to commemorate 134th birthday of the great Indian Mathematician Shri Srinivasa Ramanujan.



Dr B. R. Shankar, Professor, Department of Mathematical and Computational Sciences, NITK, Surathkal was the resource person. In his talk, he spoke about his early life and how Hardy helped Ramanujan to recognise his works on number theory. Also, he explained how Ramanujan independently developed and investigated Bernoulli's number and Euler coefficient. He concluded the session by giving the significant contributions to Mathematics by Ramanujan.

Dr Lolita Priya Castelino, HOD of Mathematics welcomed the gathering and briefed about the importance of the day. Ms Shrutha Bhat, III year CSE introduced the chief guest. As part of the National Mathematics day celebration, a quiz was conducted for students and faculty members by Mr Bhargavram, IV year CSE. The program was compered by Ms Ananya Bhat from IV year CSE.



## 17. INDUSTRY VISIT TO DHARMASTHALA SEWAGE TREATMENT PLANT AND HYDAL POWER PLANT

The Sthapathi club of Civil Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with the ISTE Student Chapter organized a technical trip for 5th and 7th Semester students to Dharmasthala Sewage treatment plant and Neria Mini Hydel power plant on 23rd December 2021.

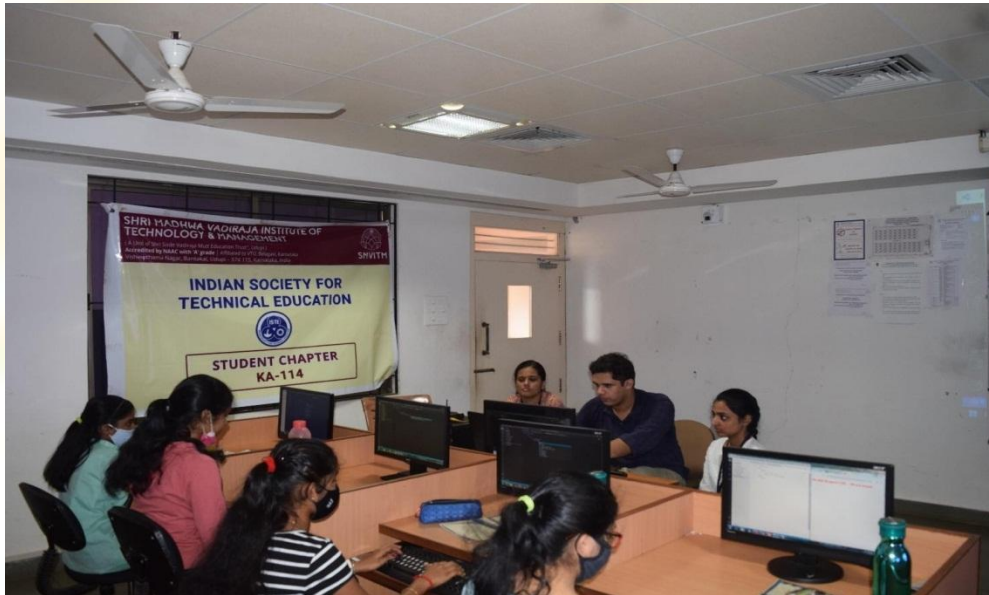


Supervisor Balakrishna of vermicompost pant, Dharmasthala shared his 40 years of experience in the agriculture and addressed the students on how does the organic manure will enhance the availability of micronutrient without harming the soil with toxic fertilizers. He stressed upon the dependability on agriculture was essential during the pandemic in the past couple of years. Information about the three varieties of verms converting all the food wastages and wet wastes in the locality was given to the students.

Supervisor Mohan, explained the working of sewage treatment plant and how are they supplying the whole agriculture field in the vicinity with the automated recycled water system. Students have also visited Neria Mini Hydel Power station at Nidle village, Belthangady Taluk to learn about the working of Kaplan turbines and power generation with the water pressure.

## 18. PEER LEARNING WORKSHOP ON PHP

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised a “Peer Learning Workshop on PHP” on 1st and 2nd January 2022. The event was organized by the Code Troopers Club of the Department of Computer Science and Engineering in association with the ISTE Student Chapter. Mr. Bhargavram Udupa T, Ms. Ananya Bhat and Ms. Aninditha from 7th semester CSE were the resource persons for the event.



Dr. Nagaraj Bhat, HOD of CSE gave the inaugural address. He spoke about the significance of the peer learning session and gave insights on the importance of the topic for the creation of a good DBMS project. The trainers Mr. Bhargavram Udupa T, Ms. Ananya Bhat and Ms. Aninditha gave the participants significant insights on the basics of PHP, Database CRUD (Create, Read, Update, and Delete) operations and authentication using PHP and Basics of Bootstrap Framework as well. They also described the project that the participants would finally be able to build after learning about the topic. The workshop ended with a quiz on the topics that were taught during the workshop.

The registrations and feedback were handled by Bhargavram Udupa T of 7th Semester CSE. Mr. Krishnamurthi Bhagawath, Mr. G. Adithya Yaji, Ms. Chandana HR, Mr. Tejas S Rao, Mr. Benaka Bharadwaja, Ms. Shwetha Ramachandra Bhat and Mr. Farees Ahmed Shaikh from 7<sup>th</sup> Semester CSE were the volunteers for the event. Ganesh Hathwar B S of 7th semester CSE helped the team in designing the flyer for the event. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, Mr. Deepak Rao M, and Ms. Sneha N S faculty from the Computer Science and Engineering Department played a major role in the smooth conduction of the event.

## 19. WEBINAR ON “PRACTICAL APPLICATIONS OF FEM IN AEROSPACE AND AUTOMATIVE DOMAIN

The department of Mechanical Engineering under ISTE Student Chapter had organized a guest lecture by Mr. Puneeth M L, Team Lead, Aeroengine Division, Safran - Snecma Aerospace, Bengaluru, on “Practical Applications of FEM in Aerospace and Automotive domain” 5th January 2022 from 2:30 PM to 4:00 PM for mechanical engineering students of pre-final and final year at seminar hall of the institution.



Any product or solution requires a great deal of analysis and design before it is ever sold to customers. This is where FEM comes into picture. It is basically a way to solve the otherwise difficult and sometimes unsolvable partial differential equations that govern the mechanical and structural behaviour of any product. Finite Element Analysis allows you to analyse a solution and obtain required variables which might assist you as an engineer to design better and safer solutions.

During the lecture, Mr. Puneeth, delivered the concepts of finite element methods and its applications in aerospace and automotive domains by citing case studies undertaken by him and his company. The lecture also helped the students to understand the importance of FEM analysis in R&D department of any company.



## 20. TECH-LIKITH: TECHNICAL WRITING COMPETITION

Co-curricular committee in association with ISTE student chapter of SMVITM, conducted TECH- LIKITH a technical article writing competition. A total of 22 students were registered from all different branches. The hard copy of the article was submitted to the following faculty Renita Sharon Monis from, the maths department and Ms. Swathi from the Civil department. The received article topics were Blockchain technology, Prestressed concrete, James web space telescope, use of plastic waste in road construction, Misconceptions about Artificial Intelligence, and many more. Finally, the 2 best article papers were selected by the following judges.

- Dr. H. Uday Prasanna, Professor, Mechanical department
- Mr. Chethan R, Assistant Professor(senior), ECE department
- Mr. Sooraj Kumar, Assistant Professor, CIVIL department



**Winner: Vikram Poojary, 1<sup>st</sup> Year CSE Dept**

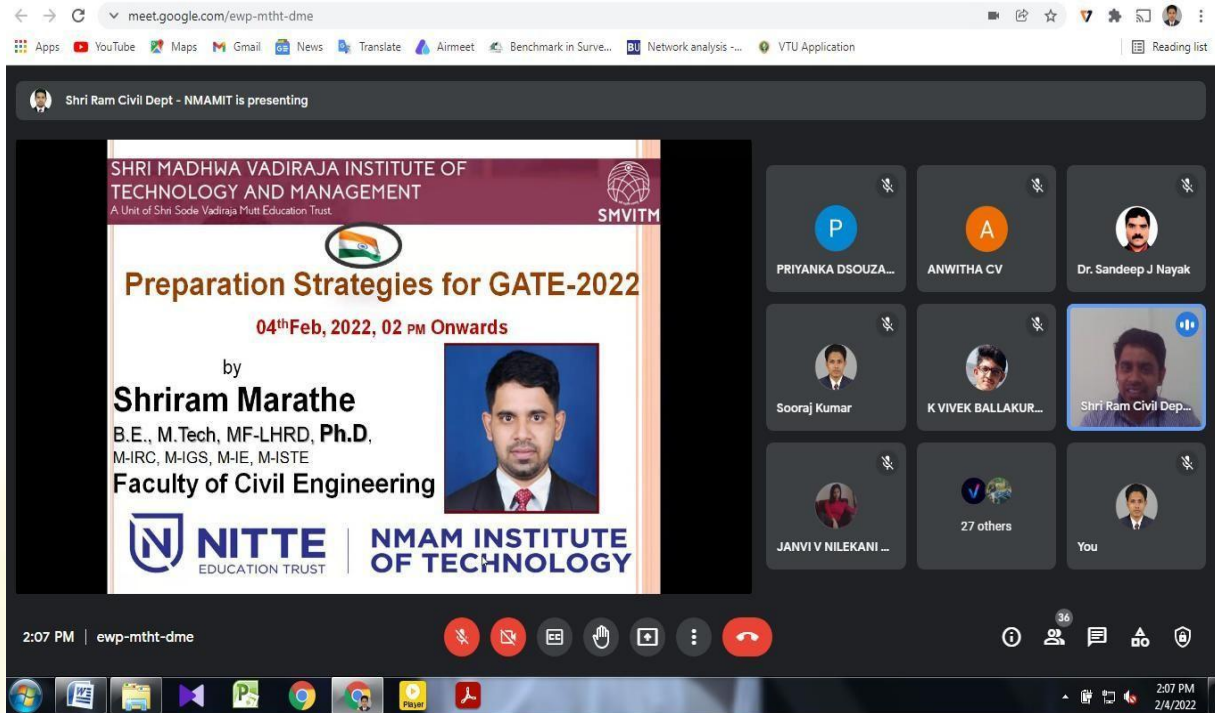


**Runner: Anwitha, 3<sup>rd</sup> Year CVE Dept.**



## 21. EFFECTIVE PREPARATION STRATEGIES FOR GATE-2022

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Sthapathi Student club of Civil Engineering department has organized a technical webinar on “Effective Preparation strategies for GATE-2022 ” by Dr. Shiram Marathe, Assistant Professor, NMAMIT, Nitte.



Dr. Marathe has started the session by giving brief introduction on GATE examination and its benefits for the students. Sir has explained the importance of GATE score in Industry and academic sectors. Sir has also stressed upon the opportunities for the young aspirants in research and development sector, higher education in reputed institutions not only in Iisc, IITs and NITs but also in the foreign educational institutions, which can be achieved through the merit in the GATE score.

Students were highly motivated to take up the GATE examination seriously right from the second year of engineering which is going to be key to success in the various fields. Sir also gave tips for preparation effectively during regular classes of subjects. He later solved model question paper on highway engineering & pavement design to demonstrate the shortcuts to solve complicated problems. Total more than 35 students from the Civil engineering department attended the session.

## 22. NATIONAL SCIENCE DAY

The department of Physics and Institutions innovation council (IIC) in association with the student chapter of Indian Society of Technical Education organised an invited talk on 28 February 2022 with the concept of scientific thinking on the account of "National Science day" to commemorate the discovery of the Raman Effect by Indian Physicist Sir C.V.Raman.



Dr. Raviprakash Y, Associate Professor (Sr.) Department of Physics, MIT Manipal, was the resource person. In his talk he spoke about Raman Effect and its importance. He illustrated the importance of basic science in engineering. Also he spoke about the science in ancient India. Dr. Thirumaleshwar Bhat, Principal, SMVITM, provided the brief introduction and importance about the National Science day. Ms. Supriya, of I BE (CSE), welcomed the gathering and compered the program.

## 23. FIVE DAYS FDP ON ELECTRICAL VEHICLE & SMART GRID

Department of Electronics and Communication Engineering and Mechanical Engineering in association with ISTE Faculty Chapter of ShriMadhwaVadiraja Institute of Technology and Management, Bantakal, Udupi organized a Five Days Faculty Development Program on “Electric Vehicle and Smart Grid” from 14th to 18th March 2022 in the college premises.



The inaugural ceremony of the program held on Monday 14 March 2022 at 9.30am. Dr. Gajananaanne, HoD of ME Dept. welcomed the august gathering. The Chief Guest of the program Dr. V.B Venkatesa Perumal, Professor, Dept. of Electrical and Electronics, NITK Surathkal. In his inaugural address said that, in the next 5 to 10 years India will see big change in the transportation segment i.e., change in conventional IC engine vehicle to Electric Vehicle. Also he has urged that future engineers should be ready to cater the needs of end users. Especially future engineers have to focus more on maintenance of EV than R & D work, maintenance like battery recharging, replacement and giving solutions to the situations like vehicle breakdown etc.,

Mr. Esakki Raja S, Sr. Application Engineer in VI solutions, Bengaluru was the resource person of the five day faculty development. He appreciated the management for conducting the sessions in blended mode and highlighted the importance of training the future engineers in the Electric Vehicle field.

Sri.Rathnakumar, Secretary, ShriSodeVadiraja Mutt Education Trust, Udupi graced the occasion and congratulated the departments for conducting the need of the hours topic for FDP. He also highlighted that due to the current war scenario crude oil per barrel cost will hike hence the optimum solution would be to switch to the EV.



Dr. ThriumaleshwaraBhat, Principal presided over the ceremony and advised to make the best use of the FDP and update the students for future challenges.



Good number of audience participated across the state through blended mode. Mr. Sudhir, program coordinator proposed the vote of thanks. Mr. AnanthMallya, Sr. Asst. Professor, ME Dept. introduced the Chief Guest. Dr. Ganesh Aithal, vice principal and Dr. Sachinbhat, HoD ECE Dept were present for the ceremony. Ms. Shashikala R, Sr. Asst. Professor from ECE Dept. was the master of ceremony.



FDP concluded on 18th March 2022, and during informal valedictory, participation certificates were distributed and feedback collected from the participants.



## 24. PRERANA - THREE DAYS FDP ON RECENT ADVANCEMENT IN OUTCOME BASED EDUCATION AND CIVIL ENGINEERING INDUSTRY

The Department of Civil Engineering in association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal, organized three days Faculty Development Program on “Recent Advancement in Outcome Based Education and Civil Engineering Industry (PRERANA- 2022)” in the institute premises.



The FDP was inaugurated on 07 April 2022. More than 40 participants from different engineering colleges participated in faculty development program. Dr. Raviraj Mulangi, Assistant Professor, Department of Civil Engineering NITK Surathkal was the chief guest for the inaugural function said the importance of conducting faculty development programs will inspire (PRERANA) the teaching fraternity and necessity of inculcating the outcome based education (OBE) in the National Education Policy (NEP).

Shri. Ratnakumar, Secretary, SSVMET, who presided over the function addressed that Civil Engineers have to relate the science and technology and Engineering education should be application mode, Change in education system is very much required and conveyed his best wishes for all the participants. Dr. Ganesh Aithal, Vice Principal of the institute advised to make the best use of the FDP. Dr. Sandeep J Nayak Head, Department of Civil Engineering gave the prelude to the FDP. Ms. Deepika B V, Assistant Professor (Sr.) of Civil Engineering introduced the chief guest. Mr. Jayaram nayak, Assistant Professor of Civil Engineering proposed the vote of thanks. Mr. Sunil Haldankar, Assistant Professor of Civil Engineering (sr.) rendered an invocation. Mr. Madhusoodhan Rao welcomed the guests, Assistant Professor of Civil Engineering proposed the vote of thanks Ms. Swathi, Assistant Professor of Civil Engineering compered the program.

## 25. THREE DAYS STAFF DEVELOPMENT PROGRAM ON “COMPUTER HARDWARE TECHNOLOGY”

Department of Computer Science and Engineering in association with ISTE Faculty Chapter of SMVITM, organized a 3 Days Staff Development program on “Computer Hardware Technology” from 21st April to 23rd April 2022. Mr.Suresh Rao U, Mr. Shashidhar Pai K, Mr.Rajashankar, Mr.Vikramadithya were the resource person for the event. Around 20 technical staffs from all the departments participated in the SDP.

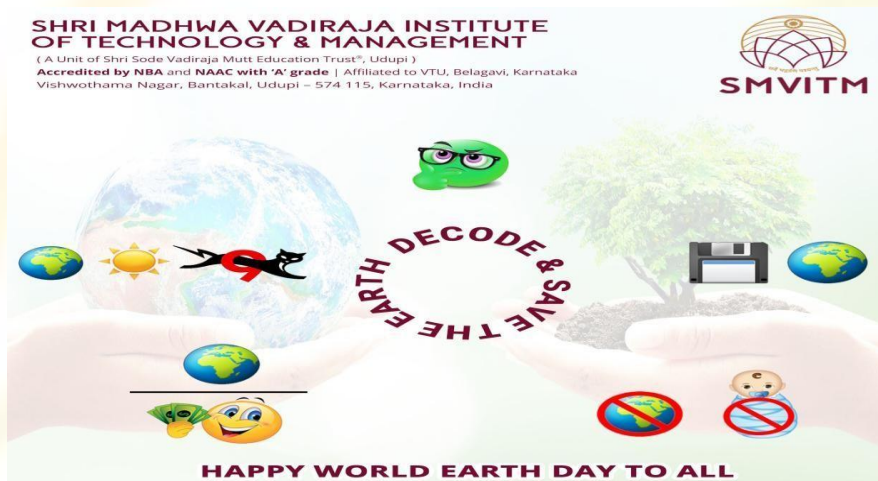


The inaugural ceremony was held on 21st April 2022 at CC3 Lab. Dr Thirumaleshwara Bhat, Principal of SMVITM delivered the presidential address. Dr Sudarshan Rao K, Dean Quality Assurance, Dr Nagaraj Bhat, HOD, Department of Computer Science and Engineering also spoke about the importance of such programs. In the three days, the speakers laid the foundation into the computer hardware basics, troubleshooting, installations, booting, domain creation, college MIS etc. The program ensured that the participants are familiar with new errors occurring in the systems during the laboratory hours. It was an opportunity for them to enhance their technological skills. It provided an opportunity to all the technical staff members to learn something new, discover themselves or even share the knowledge they have.

The valedictory program was held on 23rd April 2022 at CC3 Lab. Dr Ganesh Aithal, Vice Principal of SMVITM delivered the concluding remarks. He stressed upon the role of technical staff in the smooth conduction of the laboratory and how such programs helped them to enhance their skills. Mrs Savitha A Shenoy, Mr Sadananda L, senior Assistant Professors of computer science department along with Mrs Sneha N S, Department ISTE Coordinator coordinated the program.

## 26. DECODE & SAVE EARTH COMPETITION

ISTE student chapter of SMVITM has organized a competition for students of the college titled “Decode and Save the Earth” to bring awareness on earth restoration on the occasion of World Earth Day, a competition.



This event is supported by Mr. Krishna kumar, ISTE Treasurer and ISTE student chapter. 35 students participated in this event. Winner of the competition was Ms. Akanksha of 8th Semester CSE

## 27. WORLD EARTH DAY : CONSCIOUS PLANET-SAVE SOIL

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, on the occasion of World Earth Day, organized an invited talk on “Conscious Planet - Save Soil” on 22nd April 2022. The event was jointly organized by the ISTE Student Chapter, IIC and the Eco Club of the college. Ms. Amitha Bhat, President, Karnataka Yoga sports District Udupi and Mr. Venkatesh, volunteer of save soil were the resource persons for the program.

At the beginning of the event, Ms. Amitha spoke about the importance of soil conservation. She highlighted on the 5 elements (pancha bhutas) that constitute the entire universe as well as the human body. Mr. Venkatesh continued the session and described why saving soil is the need of the hour. He also gave insights into the major causes of depletion in the quality of soil and how it would affect future generations. Mr. Venkatesh also told us about desertification of land, loss of organic matter in soil, and various other currently occurring problems.





The event conducted at the Admin Block Seminar Hall of the college. There were around 100 enthusiastic participants throughout the session, which included the Principal Dr. Thirumaleshwara Bhat, Vice Principal Dr. Ganesh Aithal, and students as well as the staff of the college.

On the occasion of World Earth Day, ISTE Student Chapter also conducted a competition titled "Decode and Save the Earth". Ms. Akanksha of 8th Semester CSE was the winner of it. She was given a prize by the chief guest during the event. The program ended with the "Save Soil" dance (Isha Foundation) in which all the student participants actively participated.

Shrutha V Bhat and Avanti V Rao from 6th Semester CSE were the MCs for the event. Mr. Chethan R - faculty of ECE Department and Coordinator of ISTE Faculty Chapter, Ms. Sandhya - faculty of Physics Department and Member of IIC, Mr. Sunil S Haldankar - faculty of Civil Department and coordinator of Eco Club and Mr. Bhargavram Udupa T - student of 8th Semester CSE and Coordinator of ISTE Student Chapter, played a major role in the smooth conduction of the event.

## 28. APPLICATION OF CIVIL ENGINEERING SOFTWARE & DEMONSTRATION

The Sthapathi club of Civil Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with the ISTE Student Chapter organized a software demonstration on various software available for the civil engineering students.



Mr. Abhinav, Trainer, EduCADD Udupi, motivated the students to upgrade their skill set to be ready for the corporate sector. He demonstrated on Primavera, a management software, Etabs, structural analysis software, Revit & 3ds Max for architecture design. More than 25 students participated in this event.

## 29. TWO DAYS WORKSHOP ON DEVOPS AND AWS INDUSTRIAL TOOLS

Department of Computer Science and Engineering in association with ISTE Faculty Chapter of SMVITM, organized Two Days Workshop on “DevOps and AWS Industrial Tools” from 20<sup>th</sup> May to 21<sup>st</sup> May 2022. Mr. Pradeep Kumar T V, Lead Engineer at HCL Technologies Ltd. was the resource person for the event.. Around 40 students from all the 5<sup>th</sup> and 8<sup>th</sup> semester CSE participated in the Workshop.

The event was inaugurated on the morning of 20th May in the presence of the Mr. Pradeep Kumar T V, the resource person, Prof. Dr. Thirumaleshwara Bhat - the Principal of the college, Dr. Nagaraj Bhat - HOD of CSE and Ms. Sneha N S - Senior Assistant Professor, Department of CSE along with other teaching and non-teaching staff members and registered participants.



The resource person started with AWS (Amazon Web Services). He illustrated the concept of Virtual Private Cloud and its various terminologies. Then a hands-on demonstration was made on Git and GitHub - a tool for Version Control and Collaboration. Few Linux Shell Commands were also demonstrated. On the second day the resource person gave a hands-on demonstration on Docker and Kubernetes in Play with Docker and Play with Kubernetes, a Web based tool. Downloading images from DockerHub and Containerizing them with Docker was demonstrated.

The speaker also told about various other Docker commands like docker swarm, etc. Then the speaker demonstrated Jenkins - a tool for Continuous Integration and Continuous Deployment (CI/CD). He showed the participants how to set up Jenkins in their systems and demonstrated it by taking a real world example. He also briefly talked about Ansible - a configuration management tool. The speaker concluded the session by showcasing various job opportunities in numerous IT companies through various career portals like Naukri. The event was concluded on 21<sup>st</sup> May 2022. Various students shared their feedback.

Ganesh Hathwar B S of 8th semester CSE helped the organizing team in designing the flyer for the event. Shrutha V Bhat from 6th semester CSE designed the certificate. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from Computer Science and Engineering Department played a major role in the smooth conduction of the event.



## 30. HOW TO WRITE AN EFFECTIVE RESEARCH PAPER

Department of Electronics & Communication Engineering in association with ISTE student chapter organized an talk on 'How to write an Effective Research Paper' at SMVITM, on 08 June 2022 in Seminar Hall, Admin Block. Dr. Raghavendra Rao, Associate Professor, ECE Department, SMVITM, Bantakal was the Resource person for the event.



Dr. Raghavendra Rao started his talk with an interactive session, where he gave a clear insight about the contemporary meaning of research and mentioned about the current trends in research. He then gave a detailed explanation on the research cycle, various steps involved in the research and significance of each step. He highlighted on the importance of finding a problem statement and narrowing down the research interest to a particular problem. He also emphasized on the need to survey as many papers as possible that are not more than 3 years from the current year of research, to find optimum solution and develop a novel method for the formulated problem statement.

The key parameters of a good research paper were highlighted and discussed with an example. He also gave important information about the paper review process and selection criteria. He then explained about the pros and cons of publishing a paper in Journals and presenting them in Conferences. He also mentioned on the rankings and groupings of different journals based on their index.

Ms. Bhoomika, final year student from ECE department, welcomed students, faculties present in the event, introduced resource person and proposed vote of thanks. Mr.Chetan R. ISTE coordinator and Dr.Sachin Bhat, HOD ECE supported the event. Ms.Shashikala R. coordinated the event.

### 31. PEER TO PEER INTERACTION ON HOW TO CRACK 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 22/06/2022, 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 6<sup>th</sup> 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, 8<sup>th</sup> semester ECE student welcomed the resource person and audience. Mr. Chetan, ISTE coordinator and Ms. Yogeshwary B H, Department Placement coordinator have coordinated the interaction.



## 32. ISTE ANNUAL DAY

Indian Society for Technical Education ISTE of SMVITM has celebrated “ISTE Annual Day 2021-22” on 25 June 2022, at 2:00PM in the Seminar Hall, Admin block. Program started with invocation by Ms. Ranjani, 6<sup>th</sup> sem, CSE Student and ISTE student coordinator Mr. Bhargavram Udupa, Final year CSE student welcomed the gathering.



ISTE institutional coordinator Mr. Chetan R, Sr. Asst. Professor, ECE Dept. has read the annual report of ISTE and whole heartedly thanked the heads of the various departments for conducting 33 events under the ISTE banner in the AY 2021-22. New version of standard operating procedure SOP of ISTE was released by ISTE Chairperson Prof. Dr. Thirumaleshwara Bhat, Principal.

ISTE Dept. Coordinator Ms. Sneha, Sr. Asst. professor, CSE Dept. supported in the distribution of gratitude letters to the HoD, and ISTE office bearers.

Mr. Deepak Rao, Sr. Asst. Professor, CSE Dept. former ISTE coordinator was recognized and appreciated during the program for his consistent service in the ISTE cell since 2013.

All the student office bearers were invited to the stage for the feedback and they gave the constructive feedback during the program.

During the Chairperson address, he said ISTE cell is contributing towards the overall growth of our faculty and student community. He also appreciated all the team members for their immense contribution in this direction.

Ms. Avanti, 6<sup>th</sup> Sem CSE Student proposed the vote of thanks. Ms. Shrutha V Bhat, 6<sup>th</sup> Sem, CSE student was the Master of ceremony. Ms. Aishwarya final year, ECE student supported in the photography. Program was coordinated by Ms. Nisha Reena Nazareth, Sr. Asst. Professor, Maths Dept.



### 33. MAJOR PROJECT EXHIBITION/ COMPETITION

Co-curricular cell in association with ISTE student chapter of SMVITM organised final Year student project exhibition in the institute premises on 29 June 2022.



The exhibition was organised separately for the students of their respective departments. 12 projects from Mechanical Engineering, 13 projects from Electronics & Communication Engineering, 11 student's Projects from Civil Engineering and 27 projects from Computer Science & Engineering were exhibited at the department.

The live models of the project along with presentations and banners were exhibited enthusiastically by the students. Principal, Dr.Thirumaleshwara Bhat, Vice Principal, Dr. Ganesh Aithal, Dean QA Dr.Sudarshan Rao K visited the project exhibition and discussed with students who were representing their Projects and also gave good suggestions to them. HOD's, faculty and students also visited the project exhibition and interacted with the final year students. Two best projects were awarded for each department during the farewell function.

### 34. MINI PROJECT EXHIBITION/ COMPETITION

Co-curricular committee in association with ISTE student chapter of SMVITM organised Mini Project Exhibition for First, Second & Third year student in the institute premises on 2<sup>nd</sup> July 2022.



Dr. Thirumaleshwara Bhat inaugurated the project exhibition. In his remarks he advised that apart from theory students need to be good in technical aspects which can be possible only by doing Projects. The exhibition was organised for the students Physics Lab & Electronic & Communication Engineering Lab. Total 49 projects were exhibited from first year 14 projects, from second year 11 and from third year 24 projects has been exhibited. The live models of the project along with presentations and banners were exhibited enthusiastically by the students.

Principal, Dr.ThirumaleshwaraBhat, Vice Principal, Dr. Ganesh Aithal, Dean QA Dr.SudarshanRao K visited the Mini project exhibition and discussed with students who were representing their Projects and also gave good suggestions to them. HOD's, faculty and students also visited the project exhibition and interacted with the students. Five best projects were awarded with cash prizes.



## ಬಂಟಕಲ್ಲು ಕಾಲೇಜು: ಕಾನ್ಯಾಸ್ ಪ್ಲಾನಿಟ್ - ಮಣ್ಣಿನ ರಕ್ಷಣೆ ಕಾರ್ಯಾಗಾರ

**ಶಿರ್ಷಿಕೆ: ೨. ೨೨:** ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಅಧ್ಯಕ್ಷ ಐವನ್ ಫಿಟ್ಸ್ ಜಿ.ಎಸ್.ಎಸ್. ಅವರು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿ ನಡೆಯಿಸಿದರು.

ಉದ್ದೇಶ ಪೂರ್ವಕವಾಗಿ ಈ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು.



ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು.

## ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಕಾರ್ಯಾಗಾರ

**ಶಿರ್ಷಿಕೆ: ೩. ೩:** ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಕಾಲೇಜಿನ ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ ಮತ್ತು ಕಾಲೇಜಿನ ಐಎಸ್‌ಟಿ ಘಟಕದ ಸಹಯೋಗದೊಂದಿಗೆ ಡಿಪ್ಲೊಮಾ ವಿದ್ಯಾರ್ಥಿಗಳಿಗಾಗಿ ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ೨ ದಿನಗಳ ವಿನ್ಸಾರ್-೨ ಮೌಲ್ಯವರ್ಧಕ ಕಾರ್ಯಾಗಾರವನ್ನು ಆನ್‌ಲೈನ್ ಮೂಲಕ ನಡೆಯಿಸಿತು.

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯಾಗಿ ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ನಾಗರಾಜ್ ಭಟ್ ಭಾಗವಹಿಸಿ ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹವಾಮಾನದ ಅಭಿವೃದ್ಧಿ ಉಪಯೋಗಿಸುವ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿದರು. ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಅವರು ಯಂತ್ರ ಶಾಸ್ತ್ರದಲ್ಲಿ ಮುಖ್ಯ ಆಳವಡಿಕೆ ಮಾಡುವ ಬಗ್ಗೆ ವಿವರಿಸಿದರು. ರೋಷನ್ ಕೋಟ್ಯಾನ್ ಕಟ್ಟಡ ಅನುಮೋದನೆ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ

ಒಳಗೊಂಡಿರುವ ಕಾನೂನು ದಾಖಲಾತಿ ಪ್ರಕ್ರಿಯೆಯ ಬಗ್ಗೆ ತಿಳಿಸಿದರು. ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿ ಅಭಿಜಿತ್ ಯೋಜನೆಯ ಕಲ್ಪನೆ, ಉತ್ಪಾದನೆ ಮತ್ತು ಅದರ ಅನುಷ್ಠಾನವನ್ನು ವಿವರಿಸಿದರು. ಪ್ರದರ್ಶಿಸಿದರು. ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ವಿವಿಧ ಪಾಲಿಟೆಕ್ನಿಕ್ ಕಾಲೇಜಿನ 100ಕ್ಕೂ ಹೆಚ್ಚು ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾಗವಹಿಸಿದ್ದರು. ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಸಂದೀಪ್ ಜಿ. ನಾಯಕ್ ಅವರು ಸ್ವತಃ ತಾವೇ ನಿರ್ವಹಣೆ ಮಾಡಿಕೊಳ್ಳುವ ಬಗ್ಗೆ ತಿಳಿಸಿದರು.

ಸಂಸ್ಥೆಯ ಪ್ರಾಂಶುಪಾಲರಾದ ತಿರುಮಲೇಶ್ವರ ಭಟ್ ಕಾರ್ಯಕ್ರಮ ಉದ್ಘಾಟಿಸಿದರು. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮಾಧ್ಯಮ ಅಧಿಕಾರಿ ಡಾ. ಸಿ. ಕೆ. ಮಂಜುನಾಥ್ ಸಮಾರೋಪ ಭಾಷಣ ಮಾಡಿದರು. ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಸೂರೇಶ್ ಕುಮಾರ್ ಮತ್ತು ಸ್ವಾತಿ ಕಾರ್ಯಕ್ರಮವನ್ನು ಆಯೋಜಿಸಿದ್ದರು.

## 'ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಹಿಕಲ್, ಸ್ಮಾರ್ಟ್ ಗ್ರಿಡ್' ಕಾರ್ಯಾಗಾರ

**ಶಿರ್ಷಿಕೆ: ೨. ೨೨:** ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಿನ್ಯಾಸ ಮತ್ತು ಸಂವಹನ ವಿಭಾಗ ಮತ್ತು ಯಾಂತ್ರಿಕ ವಿಭಾಗದ ಸಂಸ್ಥೆಯ ಮುನ್ಸೂಚನೆ ಮೇರೆಗೆ ಫೆಬ್ರವರಿ ೨೨ರಂದು ಬೆಂಗಳೂರಿನಲ್ಲಿ 'ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಹಿಕಲ್ ಮತ್ತು ಸ್ಮಾರ್ಟ್ ಗ್ರಿಡ್' ಎಂಬ ವಿಷಯದ ಕುರಿತು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿದರು.

ಎನ್‌ಎಚ್‌ಸಿ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಡಾ. ವೆಂಕಟೇಶ್ ಪುರಮೋ ಮಾತನಾಡಿ, ಮುಂದಿನ ೫ ರಿಂದ 10 ವರ್ಷಗಳಲ್ಲಿ ಭಾರತದ ಸಾರಿಗೆ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ದೊಡ್ಡ ಬದಲಾವಣೆ ಕಾಣಲಿದೆ. ಈಗ ಲಭ್ಯವಿರುವ ಎಸಿ ಎಂಜಿನ್ ವಾಹನದಿಂದ ಎಲೆಕ್ಟ್ರಿಕ್ ವಾಹನಕ್ಕೆ ಬದಲಾವಣೆಯು ಭೇದವಾದ ಅಗತ್ಯತೆಯನ್ನು ಘೋಷಿಸಿ ಭವಿಷ್ಯದ ಎಂಜಿನಿಯರಿಂಗ್ ಸಿದ್ಧರಾಗಬೇಕು. ಅಲ್ಲದೆ ಈ ವಿಷಯದಲ್ಲಿ ಸಂಶೋಧನೆಗಿಂತ



ಎಲೆಕ್ಟ್ರಿಕ್ ವಾಹನ ನಿರ್ವಹಣೆ, ಬ್ಯಾಟರಿ ರೀಚಾರ್ಜ್ ನಿರ್ವಹಣೆ, ಬದಲಿ ಮತ್ತು ವಾಹನ ಸ್ವಚ್ಛತೆಯ ಪರಿಸ್ಥಿತಿಗಳ ಪರಿಹಾರ ನೀಡುವುದರ ಮೇಲೆ ತಂತ್ರಜ್ಞರು ಹೆಚ್ಚು ಗಮನವಹಿಸಬೇಕು ಎಂದರು.

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯಾಗಿದ್ದ ಬೆಂಗಳೂರಿನ 'ಇನ್ಫಾ ಸೊಲ್ಯೂಷನ್ಸ್' ಸಂಸ್ಥೆಯ ಸೀನಿಯರ್ ಅಕ್ವಿಜಿಟ್ ಎಂಜಿನಿಯರ್ ಇನ್ಫಾ ರಾಜ್ ಎಸ್ ಮಾತನಾಡಿ, ಎಲೆಕ್ಟ್ರಿಕ್ ವಾಹನಗಳ ಕ್ಷೇತ್ರದಲ್ಲಿ ಭವಿಷ್ಯದ ಎಂಜಿನಿಯರಿಂಗ್ ಗಳ ತರಬೇತಿ ನೀಡುವ ಮಹತ್ವವನ್ನು ಒತ್ತಿ ಹೇಳಿದರು.

ಶ್ರೀ ಸೋದೇ ವಾದಿರಾಜ ಮಠ ಶಿಕ್ಷಣ ಪ್ರತಿಷ್ಠಾನದ ಕಾರ್ಯದರ್ಶಿ ರಶ್ಮಿಮಾಲ್ ಉದ್ಘಾಟಿಸಿದರು. ಪ್ರಿನ್ಸಿಪಾಲ್ ಡಾ. ತಿರುಮಲೇಶ್ವರ ಭಟ್ ಸಮಾರಂಭದ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಸಾಂಸ್ಕೃತಿಕ ಹಲವಾರು ಪ್ರಾಧ್ಯಾಪಕರು ಭಾಗವಹಿಸಿದ್ದರು. ವೈಸ್ ಪ್ರಿನ್ಸಿಪಾಲ್ ಡಾ. ಗಣೇಶ್ ಐತಾಳ್ ಉಪಸ್ಥಿತರಿದ್ದರು. ಅನಂತ ಮತ್ತು ಅತಿಥಿಗಳನ್ನು ಪರಿಚಯಿಸಿದರು. ಪ್ರಾಧ್ಯಾಪಕ ಶಶಿಕಲಾ ಕಾರ್ಯಕ್ರಮ ನಿರೂಪಿಸಿದರು. ಮೆಕ್ಯಾನ್ಸಿಕ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಸುಧೀರ್ ವಂದಿಸಿದರು.

## ಬಂಟಕಲ್ಲು ಕಾಲೇಜು: ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರ

**ಶಿರ್ಷಿಕೆ: ೩. 13:** ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಎಲೆಕ್ಟ್ರಾನ್ಸ್, ಆಂಡ್ ಕಮ್ಯುನಿಕೇಶನ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ ಮತ್ತು ಐಎಸ್‌ಟಿ ಘಟಕದ ಸಹಯೋಗದೊಂದಿಗೆ ಓಪಿಡಿ ಡಿಪ್ಲೊಮಾ ಯೂಸಿಂಗ್ ಓಪನ್ ಟೂಲ್ಸ್ ಎಂಬ ವಿಷಯದಲ್ಲಿ ೩ ದಿನದ ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರವು ಡಿ.9 ರಿಂದ 11 ರವರೆಗೆ ಕಾಲೇಜಿನ ಸಭಾಂಗಣದಲ್ಲಿ ನಡೆಯಿತು.

ಅಪ್ಪರಮ್ ಟೆಕ್ನಾಲಜಿಸ್ ನಿರ್ದೇಶಕರಾದ ಡಾ.ಅರ್ಜುನ್ ಮುದ್ದಾಪ್ಪ ಮತ್ತು ಎ. ಸುಬ್ರಹ್ಮಣ್ಯ ಅಡಿಗ ಕಾರ್ಯಾಗಾರದ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳಾಗಿ ಭಾಗವಹಿಸಿ ವಿದ್ಯಾರ್ಥಿಗಳೊಂದಿಗೆ ಸಂವಾದ ನಡೆಸಿ ಎಲೆಕ್ಟ್ರಾನ್ಸ್ ಸರ್ಕ್ಯೂಟ್



ಗಳನ್ನು ಆಳವಡಿಸುವ ವಿಧಾನಗಳನ್ನು ಬೇಕು ಎಂದರು. ತಿಳಿಸಿಕೊಟ್ಟರು.

ಕಾಲೇಜಿನ ಉಪ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಸಚಿನ್ ಭಟ್ ಸ್ವಾಗತಿಸಿದರು. ವಹಿಸಿ ಮಾತನಾಡಿ, ವಿದ್ಯಾರ್ಥಿಗಳು ಕಲಿಕೆಯಲ್ಲಿ ಸಕ್ರಿಯವಾಗಿ ತೊಡಗಿಸಿಕೊಳ್ಳುವುದರೊಂದಿಗೆ ತಾಂತ್ರಿಕವಾಗಿ ಆಳವಡಿಸಿಕೊಳ್ಳ

ಎಲೆಕ್ಟ್ರಾನ್ಸ್, ಆಂಡ್ ಕಮ್ಯುನಿಕೇಶನ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಸಚಿನ್ ಭಟ್ ಸ್ವಾಗತಿಸಿದರು. ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಶಶಿಕಲಾ ಮತ್ತು ಚೇತನ್ ಕಾರ್ಯಾಗಾರವನ್ನು ಆಯೋಜಿಸಿದ್ದರು.

## ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಕಾರ್ಯಾಗಾರ

**ಶಿರ್ಷಿಕೆ: ಮೇ 4:** ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಅಧ್ಯಕ್ಷ ಐವನ್ ಫಿಟ್ಸ್ ಜಿ.ಎಸ್.ಎಸ್. ಅವರು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿ ನಡೆಯಿಸಿದರು.

ಉದ್ದೇಶ ಪೂರ್ವಕವಾಗಿ ಈ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು.



ವಿಭಾಗ ಮುಖ್ಯಸ್ಥರಾದ ನಾಗರಾಜ್ ಭಟ್ ಮತ್ತಿತರರು ಉಪಸ್ಥಿತರಿದ್ದರು. ಸುರೇಶ್ ರಾವ್, ಶಶಿಧರ್ ಪೈ ರಾಜಶಂಕರ್ ಮತ್ತು ವಿಕ್ರಮಾದಿತ್ಯ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳಾಗಿದ್ದರು.

ಕಂಪ್ಯೂಟರ್ ಹಾರ್ಡ್‌ವೇರ್ ಬೇಸಿಕ್ಸ್ ಟ್ರಬಲ್ ಶೂಟಿಂಗ್, ಆಪ್ ಇನ್‌ಸ್ಟಲೇಶನ್, ಡೋಮೇನ್ ರಚನೆ, ಕಾಲೇಜಿನ ತಂತ್ರಾಂಶಗಳ ಆಪ್ ಇನ್ಸ್ಟಾಲ್ ವಿಷಯಗಳ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿದರು.

ಸಮಾರೋಪದಲ್ಲಿ ಕಾಲೇಜಿನ ಉಪ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ಗಣೇಶ್ ಐತಾಳ್ ಅವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ತಾಂತ್ರಿಕ ಸಿಬ್ಬಂದಿ ಪಾತ್ರವಹಿಸಿ ಮಾತನಾಡಿದರು.

ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಸವಿತಾ ಶೆಟ್ಟಿ, ಸದಾನಂದ ಮತ್ತು ಸ್ನೇಹಾ ಎನ್. ಎಸ್ ಕಾರ್ಯಕ್ರಮ ಆಯೋಜಿಸಿದರು.

## ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಕಾರ್ಯಾಗಾರ

**ಶಿರ್ಷಿಕೆ: ಮೇ 26:** ಬಂಟಕಲ್ಲು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಗಣಕಯಂತ್ರ ವಿಭಾಗ ಮತ್ತು ಕಾಲೇಜಿನ ಐಎಸ್‌ಟಿ ಘಟಕದ ಸಹಯೋಗದೊಂದಿಗೆ ಡಿಪ್ಲೊಮಾ ಮತ್ತು ಅನುಷ್ಠಾನ ವಿಭಾಗದ ಸಂಸ್ಥೆಯ ಮುನ್ಸೂಚನೆ ಮೇರೆಗೆ ಫೆಬ್ರವರಿ ೨೨ರಂದು ಬೆಂಗಳೂರಿನಲ್ಲಿ 'ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಹಿಕಲ್ ಮತ್ತು ಸ್ಮಾರ್ಟ್ ಗ್ರಿಡ್' ಎಂಬ ವಿಷಯದ ಕುರಿತು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿದರು.

ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯಾಗಿ ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ನಾಗರಾಜ್ ಭಟ್ ಭಾಗವಹಿಸಿ ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹವಾಮಾನದ ಅಭಿವೃದ್ಧಿ ಉಪಯೋಗಿಸುವ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿದರು. ಸಿವಿಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಅವರು ಯಂತ್ರ ಶಾಸ್ತ್ರದಲ್ಲಿ ಮುಖ್ಯ ಆಳವಡಿಕೆ ಮಾಡುವ ಬಗ್ಗೆ ವಿವರಿಸಿದರು. ರೋಷನ್ ಕೋಟ್ಯಾನ್ ಕಟ್ಟಡ ಅನುಮೋದನೆ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ



ಉದ್ದೇಶ ಪೂರ್ವಕವಾಗಿ ಈ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು. ಈ ಕಾರ್ಯಾಗಾರದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ಮಾತನಾಡಿದರು.



# ISTE BEST STUDENT AWARDS



**Ms. Jyothi**  
**2019**



**Ms. Chaithra**  
**2018**



**Mr. Abhinav**  
**2017**



**Mr. Bhuvanamithra**  
**2016**



**Ms. Snehal**  
**2015**



# ISTE BEST FACULTY CHAPTER AWARDS



**16<sup>th</sup> Karnataka State Level  
ISTE convention, Bengaluru**  
Best Faculty Chapter Award  
2019



**49<sup>th</sup> ISTE National Annual  
Faculty Convention, Odisha**  
Best Faculty Chapter Award  
2019

