

# TANTRAGYAN

ISTE Newsletter



Year: 2020 - 21

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NAAC with 'A' grade

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.

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SMVITM

## 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/>

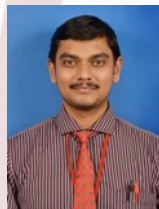
<http://www.isteonline.in/>

## ISTE Faculty Chapter @ SMVITM: 2020 - 21



Prof. Dr. THIRUMALESHWARA BHAT

### Institutional Coordinator



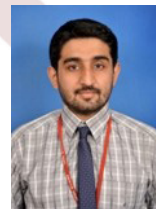
Mr. CHETAN R

### Secretary



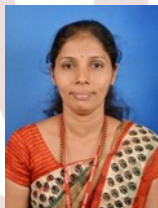
Mr. SOORAJ KUMAR

### Treasurer



Mr. KRISHNA KUMAR

### Department Coordinators



Ms. SHASHIKALA R.



Dr. PAVAN



Ms. SNEHA N. S.



Ms. RENITA SHARON MONIS

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4	Mr. SOORAJ KUMAR	Secretary	Civil	sooraj.civil@sode-edu.in	9743111412
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7	Ms. SNEHA N. S.	Dept. Coordinator	Computer Science	snehans.cs@sode-edu.in	9535618678
8	Ms. RENITA SHARON MONIS	Dept. Coordinator	Mathematics	renita.maths@sode-edu.in	9900581417

### ISTE OFFICE BEARERS OF STUDENT CHAPTER FOR THE ACADEMIC YEAR 2020-21

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22	Anshuman	Member	First Year ME	anshuman.me2868@sode-edu.in	7996710944

## ISTE ACTIVITIES 2020-21

### Activity conducted by Computer Science and Engineering Department in association with ISTE

Date of the Activity	Name of the Activity
23/11/2020 to 27/11/2020	ONE WEEK FDP ON RECENT TRENDS IN DATA SCIENCE APPLICATIONS
28/11/2020	HAKOPEDIA – EVERYTHING YOU NEED TO KNOW ABOUT HACKATHON

19/12/2020	PRE-EMPLOYMENT APTITUDE TESTS – PREPARATION AND APPROACH
02/01/2021	BRAIN WARS –THINK BEFORE TIME RUNS OUT
25/05/2021	“SPITBALLING” - CAN YOU THINK AND TALK QUICK ENOUGH?

### Activity conducted by Civil Engineering Department in association with ISTE

Date of the Activity	Name of the Activity
31/10/2020	GREEN COLLAR JOBS IN CONSTRUCTION SECTOR
9/11/2020	GATE WAY TO SUCCESS
11/11/2020	CONDUCTION OF QUANTITATIVE RESEARCH LEADING TO A RESEARCH ARTICLE
9/12/2020	RISK MANGEMENT A NON CONVENTIONAL CAREER CHOICE
13-04-2019 to 5-01-2021	CERTIFICATION PROGRAM ON REVIT AND 3DS MAX
06/01/21 to 11/01/21	SWADHYAYA- GATE TRAINING CUM MOCK TEST
27/5/2021	CAPITAL MARKET AWERENESS
28/6/2021 to 2/7/2021	NIRMANN: FIVE DAYS ONLINE SHORT TERM TRAINING PROGRAM ON RECENT TRENDS IN CONSTRUCTION PRACTICE
16/7/2021to 17/7/2021	“VISTAARA”- 2021, VALUE ADDED COURSE

### Activity conducted by Electronics And Communication Engineering Department in association with ISTE

Date of the Activity	Name of the Activity
3/10/2020	DESIGN OF QUAD COPTER DESIGN
13/10/2020	TECHNOTRONICS QUIZ
20/10/2020	IOT APPLICATION USING AURDINO
5/11/2020	BLOCK CHAIN TECHNOLOGY-OVERVIEW AND ITS APPLICATION
20/11/2020	TEXT SUMMARIZATION USING DEEP LEARNING APPROACH
18/12/2020	PCB DESIGN-A VITAL ELEMENT OF ELECTRONIC CIRCUITS
30/12/2020	XILINX LATEST TECHNOLOGIES ON ADAPTIVE INTELLIGENCE
18/6/2021	INTRODUCTION TO DART LANGUAGE FOR MOBILE AND WEB APPLICATION
3/8/2021	TECH TALK

### Activity conducted by Mechanical Engineering Department in association with ISTE

Date of the Activity	Name of the Activity
06/10/2020	WEBINAR ON "I AM NOTHING, BUT, I CAN DO ANYTHING"
19/11/2020 to 03/12/2020	WEBINAR SERIES ON 'ADVANCED AREAS OF MECHANICAL ENGINEERING'
28/12/2020 to 01/01/2021	5 DAYS FDP ON 'ADVANCES IN MATERIALS AND MANUFACTURING ENGINEERING'
8/4/2021	WEBINAR ON 'CAREER OPPORTUNITIES IN OIL AND GAS INDUSTRIES'

### Activity conducted by Basic Science Department in association with ISTE

Date of the Activity	Name of the Activity
10/11/2020	COMMERCIAL PROSPECTS OF VALUE ADDED MEDICINAL PLANTS
21/11/2020	THE NUMBER THEORY - PUREST OF PURE MATHEMATICS WHEN APPLIED
28/11/2020	LINEAR ALGEBRA AND APPLICATIONS
5/12/2020	FUNCTIONAL ANALYSIS - "A BRIEF HISTORY OF FUNCTIONAL ANALYSIS AND SOME IMPORTANT THEOREMS"
12/12/2020	STATISTICS IN ENGINEERING
19/12/2020	IMAGE PROCESSING - "PRINCIPAL COMPONENT ANALYSIS AND APPLICATIONS"
23/12/2020	NATIONAL MATHEMATICS DAY
1/2/2021 & 6/2/2021	NATIONAL LEVEL COMPETITION AWARENESS PROGRAM
26/2/2021	NATIONAL SCIENCE DAY
16/7/2021	CRACK IT, FACE IT

### Activity conducted by IQAC in association with ISTE

Date of the Activity	Name of the Activity
17/10/2020	DEVELOPING ONLINE TEACHING SKILL
23/10/2020	HANDS ON SESSION ON EFFECTIVE USE OF XP PEN IN ONLINE TEACHING
02/12/2020	USE OF ONLINE TOOL MENTIMETER IN ACTIVE LEARNING TECHNIQUE

## LIST OF ISTE EVENTS HELD IN ASSOCIATION WITH VARIOUS DEPARTMENTS IN THE AY 2020-21

SL NO.	DATE	DEPARTMENT & ISTE BANNERS	TYPE OF THE ACTIVITY	TITLE OF THE ACTIVITY	PAGE NO.
01	3/10/2020	ECE & Student Chapter	Peer Learning Webinar	DESIGN OF QUAD COPTER	09
02	6/10/2020	ME & Student Chapter	Webinar	I AM NOTHING, BUT I CAN DO ANYTHING	09
03	13/10/2020	ECE & Student Chapter	Quiz	TECHNOTRONICS QUIZ SERIES-1	09
04	16/10/2020	ME & Faculty Chapter	Webinar	THERMAL APPLICATION IN FOOD PROCESSING & PRESERVATION	09
05	17/10/2020	IQAC & Faculty Chapter	Webinar	DEVELOPING ONLINE TEACHING SKILLS	09
06	20/10/2020	ECE & Student Chapter	Peer Learning Webinar	IOT APPLICATION USING AURDINO	10
07	23/10/2020	IQAC & Faculty Chapter	Hands-On	EFFECTIVE USE OF XP PEN IN ONLINE TEACHING	10
08	31/10/2020	CV & Student Chapter	Webinar	GREEN COLLAR JOBS IN THE CONSTRUCTION SECTOR	11
09	5/11/2020	ECE & Faculty Chapter	Lecture Series Webinar	BLOCK CHAIN TECHNOLOGY	11
10	9/11/2020	CV & Student Chapter	Webinar	GATEWAY TO SUCCESS	11
11	10/11/2020	BS & Faculty Chapter	Invited Talk	COMMERCIAL PROSPECTS OF VALUE ADDED MEDICINAL PLANTS	12
12	11/11/2020	CV & Faculty Chapter	Research Webinar	CONDUCTION OF QUANTITATIVE RESEARCH LEADING TO A RESEARCH ARTICLE	12
13	19/11/2020	ME & Student Chapter	Webinar Series 1	INSPIRING YOUNG INDIANS THROUGH EXPERIENCE	12
14	20/11/2020	ECE & Student Chapter	Peer Learning Webinar	TEXT SUMMARISATION USING DEEP LEARNING APPROACH	12
15	21/11/2020	Maths & Faculty Chapter	Webinar Series 1	APPLICATIONS OF MATHEMATICS -RECENT TRENDS-NUMBER THEORY	13
16	23/11/2020 to 27/11/2020	CSE & Faculty Chapter	5 Day Faculty Development Program	RECENT TRENDS IN DATA SCIENCE APPLICATIONS	13
17	25/11/2020	ME & Student Chapter	Webinar Series 2	OVERVIEW OF MANUFACTURING PROCESS & PROJECT MANAGEMENT	13
18	26/11/2020	ME & Student Chapter	Webinar Series 3	REIMAGINING HIGH PERFORMANCE POLYMERS BY TARGETING FORM AND FUNCTION	14
19	28/11/2020	CSE & Student Chapter	Peer Learning	HAKOPEDIA- EVERYTHING YOU NEED TO KNOW ABOUT HACKATHON	14
20	28/11/2020	Maths & Faculty Chapter	Webinar Series 2	APPLICATIONS OF MATHEMATICS -RECENT TRENDS- LINEAR ALGEBRA	14
21	2/12/2020	IQAC & Faculty Chapter	Hands-On	HANDS ON SESSION ON USE OF ONLINE TOOL (MENTIMETER) IN ACTIVE LEARNING TECHNIQUES	15
22	3/12/2020	ME & Student Chapter	Webinar	CONDITION MONITORING OF MACHINES THROUGH VIBRATION MONITORING	15

SL NO.	DATE	DEPARTMENT & ISTE BANNERS	TYPE OF THE ACTIVITY	TITLE OF THE ACTIVITY	PAGE NO.
23	5/12/2020	Maths & Faculty Chapter	Webinar	A BRIEF HISTORY OF FUNCTIONAL ANALYSIS AND SOME IMPORTANT THEOREMS	15
24	9/12/2020	CV & Student Chapter	Webinar	RISK MANAGEMENT: A NON CONVENTIONAL CIVIL ENGINEERING CAREER CHOICE	16
25	12/12/2020	MATHS & Faculty Chapter	Webinar	STATISTICS IN ENGINEERING	16
26	18/12/2020	ECE & Faculty Chapter	Webinar Lecture Series	PRINTED CIRCUIT BOARD(PCB)- A VITAL ELEMENT OF ELECTRONICS CIRCUIT	16
27	19/12/2020	Maths & Faculty Chapter	Webinar	PRINCIPAL COMPONENT ANALYSIS AND APPLICATIONS	16
28	19/12/2020	CSE & Student Chapter	Webinar	PRE-EMPLOYMENT APTITUDE TESTS – PREPARATION AND APPROACH	17
29	23/12/2020	Maths & Faculty Chapter	Invited Talk	MATHEMATICS -WE EXPERIENCE’ ON THE ACCOUNT OF NATIONAL MATHEMATICS DAY	17
30	28/12/2020 to 1/1/2021	ME & Faculty Chapter	5 Days FDP	ADVANCES IN MATERIALS AND MANUFACTURING ENGINEERING	17
31	30/12/2020	ECE & Student Chapter	Webinar Series	XILINX LATEST TECHNOLOGY ON ADAPTIVE INTELLIGENCE	18
32	2-1-2021	CSE & Student Chapter	Online competition	BRAIN WARS – THINK BEFORE THE TIME RUNS OUT...	18
33	06-01-2021 to 11-01-2021	CV & Student Chapter	Training cum Mock test	GATE 2021 TRAINING CUM MOCK TEST PROGRAM “SWADHYAYA”	18
34	13-04-2019 to 5-01-2021	CV & Student Chapter	Certification	CERTIFICATION PROGRAM ON REVIT AND 3DS MAX	19
35	26/2/2021	BS & Student Chapter	Celebration	NATIONAL SCIENCE DAY	19
36	1/2/2021 & 6/2/2021	BS & Student Chapter	Awareness Program	NATIONAL LEVEL COMPETITION AWARENESS PROGRAM	19
37	8/4/2021	ME & Student Chapter	Webinar	WEBINAR ON ‘CAREER OPPORTUNITIES IN OIL AND GAS INDUSTRIES’	19
38	27/5/2021	CV & Student Chapter	Webinar	CAPITAL MARKET AWERENESS	20
39	25/05/2021	CSE & Student Chapter	Competition	SPITBALLING - CAN YOU THINK AND TALK QUICK ENOUGH?	20
40	28/6/2021 to 02/07/2021	CV & Faculty Chapter	FDP	NIRMAN: FIVE DAYS ONLINE SHORT TERM TRAINING PROGRAM ON RECENT TRENDS IN CONSTRUCTION PRACTICE	21
41	18/6/2021	ECE & Student Chapter	Peer Learning	INTRODUCTION TO DART LANGUAGE FOR MOBILE AND WEB APPLICATION	21
42	16/7/2021 to 17/7/2021	CV & Student Chapter	Value Added Course	“VISTAARA”- 2021	21
43	16/7/2021	BS & Student Chapter	Peer Learning	CRACK IT, FACE IT	22
44	03/08/2021	ECE & Student Chapter	Competition	TECH TALK	22

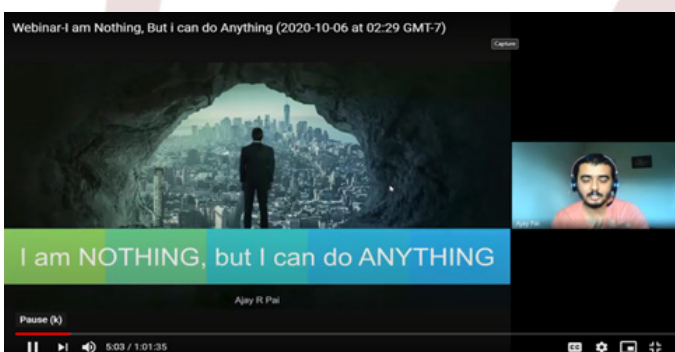


## 1. DESIGN OF QUAD COPTER

The Department of ECE in association with ISTE student chapter have organized a Peer Learning Webinar series, first of its kind at SMVITM. The first episode of the series held on Saturday 03 Oct, from 2:00 pm to 3:00pm, in which passed-out students Sumanth and Rahul Adiga have shared their "Design of Quadcopter" knowledge to the 2nd, 3rd and 4th year ECE students and also interacted with them.

In the presentation, they highlighted mainly on the hardware needs to build the drone, difficulty in assembling the unit, battery requirements to drive the drone for 20min and application of drones. Also during interaction with the students, he said while building the drone one must focus to the application like payload lift and delivery to the destination. The objective of the webinar is to disseminate the technical know-how, resulting in better project work, leading to participation in various contests and overall development of the department and the college. This peer learning webinar series was initiated and coordinated by Ms. Laxmi Shetty, Sr. Assistant professor,

ECE department and organized under the banner ISTE student chapter. ISTE team would like to reckon the support extended by Dr. Balachandra Achar, HOD, ECE Department, for smooth conduction of this event.



## 2. I AM NOTHING, BUT I CAN DO ANYTHING

The Department of Mechanical Engineering, SMVITM, Bantakal in association with ISTE Student Chapter organized a webinar on "I am NOTHING, But, I can do ANYTHING" for interested students of Mechanical Engineering on 06th October, 2020. The webinar was from 3.00pm to 4.00pm.

During the webinar, the 35 students were present, Mr. Ajay Ramdas Pai gave comprehensive explanations on the various aspects that an individual person can achieve in life. The students gained clarity on different aspects of career building, areas which need focus for overall development of an individual. Mr. Manjunath, Asst. Professors, Department of Mechanical Engineering coordinated the webinar.

## 3. TECHNOTRONICS QUIZ

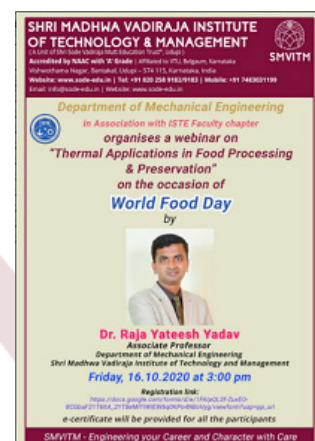
ISTE in association with the Department of Electronics and Communication Engineering has organized an online quiz to enhance student's logical interpretation in the Electronics field also to support them for GATE exam and Placement Technical interviews. "Technotronics" quiz was held on 13 Oct 2020. Students from pre-final year and final year participated enthusiastically; total 96 students from ECE Department participated and benefitted.

## 4. THERMAL APPLICATION IN FOOD PROCESSING & PRESERVATION

The Department of Mechanical Engineering in association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management has organized webinar on "Thermal Applications in Food Processing & Preservation" for the benefit of faculty members and students across the state on 16 October 2020, at the institute premises, on the occasion of World Food Day.

Dr. Raja Yateesh Yadav, Associate Professor of Mechanical Engineering at SMVITM was the resource person of the webinar. In his address, the resource person explained about the importance of heat in various food processing and preservation methods. Also the speaker throws light on food additives and preservatives.

The webinar is hosted online using Google meet application. Hundreds of participants across the state have joined this webinar online. Head of the Department of Mechanical Engineering Dr. Gajanan Anne and Coordinators of ISTE Faculty Chapter Mr. Chethan R, Manjunath S and Dr. Pavana Kumara have coordinated this webinar.



## 5. DEVELOPING ONLINE TEACHING SKILLS

The Internal Quality Assurance Cell (IQAC) in association with ISTE Faculty Chapter of SMVITM, Bantakal, organised a session on "Developing Online Teaching Skills" for the benefit of Faculty of SMVITM, on 17th October 2020 at the institute premises. The resource person for this session was Mr. Jagdish Acharya, CEO, Paints and Coatings Skill Council and also Honourable Governing council member of the institute.

Mr. Acharya Addressed the participants online and the Faculty gained many insights and ideas, which are especially useful during the current scenario of online teaching. Mr. Acharya began the session by highlighting common problems faced by faculty and students during the online classes and proceeded by providing ideas on different considerations which a faculty should take into account, before, during and after the online class. He concluded the session by providing some useful tips to the participants.

Mr. Sooraj Kumar, secretary, ISTE Faculty chapter welcomed the gathering and introduced the resource person to the participants. Dr. Sudarshan Rao, Dean, Quality Assurance on behalf of SMVITM, expressed his gratitude to Mr. Jagdish Acharya for the fruitful session. Principal, Prof. Dr. Thirumaleshwara Bhat, Vice Principal, Dr. Ganesh Aithal, Deans, HoDs of various departments and faculty were present during the session.



## 6. IOT APPLICATION USING AURDINO

The Department of ECE in association with ISTE student chapter have organized a Peer Learning Webinar series-2. The second episode of the series held on Tuesday 20 Oct 2020, from 2:00 pm to 3:00 pm through Gmeet, in which passed-out student Mr. Suhas Kumar has shared "IOT Application using arduino" knowledge to the 2nd and 3rd year ECE students and also interacted with them.

In the presentation, he highlighted mainly on the sensors, different arduino boards, how to buy boards online and which particular Bluetooth module, Wi-Fi module, Memory chips are used to interface with raspberry pi boards. He showed how to use tinkercad web portal to build IOT application virtually and Thunkable android app builder to develop the required app in a pick and place manner. Also he addressed the IIOT event significance and what was his contribution related to IIOT at SMVITM.

This peer learning webinar series was coordinated by Ms. Laxmi Shetty, Sr. Assistant professor, ECE department, organized under the banner ISTE student chapter and vote of thanks given by Ms.

Shashikala Dept. ISTE coordinator. ISTE team would like to reckon the support extended by Department of ECE for smooth conduction of this event.



## 7. EFFECTIVE USE OF XP PEN IN ONLINE TEACHING

Internal Quality Assurance Cell (IQAC) in association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management has organized "Hands on session on effective use of XP pen in online teaching" for the benefit of faculty members of the institute on 23 October 2020, at the institute premises.

Dr. Sudarshan Rao, Dean (Quality Assurance) and Professor of Mechanical Engineering at SMVITM was the resource person of the session. Dr. Rao in detail explained the use of Xournal software for the online teaching-learning process.

Mr. Sudhir, Assistant Professor (Sr.) Mechanical Engineering, was also a resource person and during the session he demonstrated the use of XP Pen/Jam board to the participants giving information about various insights of the equipment.

The participants showed keen interest and were interactive during both the sessions. Dr. Thirumaleshwara Bhat, Principal, SMVITM, Dr. Ganesh Aithal, Vice Principal congratulated the participants during

the occasion. ISTE office bearers Mrs. Renita Sharon Monis and Dr. Pavana Kumar coordinated the program.



## 8. GREEN COLLAR JOBS IN THE CONSTRUCTION SECTOR

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Civil Engineering department has organized a technical webinar on “Green- Collar jobs in construction sector” by Mr. Praphulla Ramdas Wanare, LEED Coordinator, Six Construct-Uptown Dubai.

Mr. Wanare has started the session with the introduction on Green buildings and its importance in current scenario. He had explained the various green features associated with the different projects he had handled during his tenure at Dubai. Students have also learnt the LEED rating system with reference to making the construction energy efficient throughout its life cycle analysis. Later sir had given the job availability in the sustainability construction technology and he emphasizes more on the change in trend from the convention construction practice to the green building concepts. Later speaker explained the opportunities in IGBC and LEED organization for the civil engineering aspirants.

The session was concluded by showing an awareness video on sustainability aspect, showing the significance of the resources for the future generation. Total 78 students were benefitted from the session from second, third and final year students of civil engineering department.



## 9. BLOCK CHAIN TECHNOLOGY

Department of Electronics and Communication Engineering in association with ISTE faculty chapter of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi has organized online Lecture series-5 on “Block chain technology overview and its application” held on 5th Nov 2020 from 3:00pm to 4:00pm. The resource person for the webinar was Prof. Tanzila Nargis of NMAMIT, Nitte.

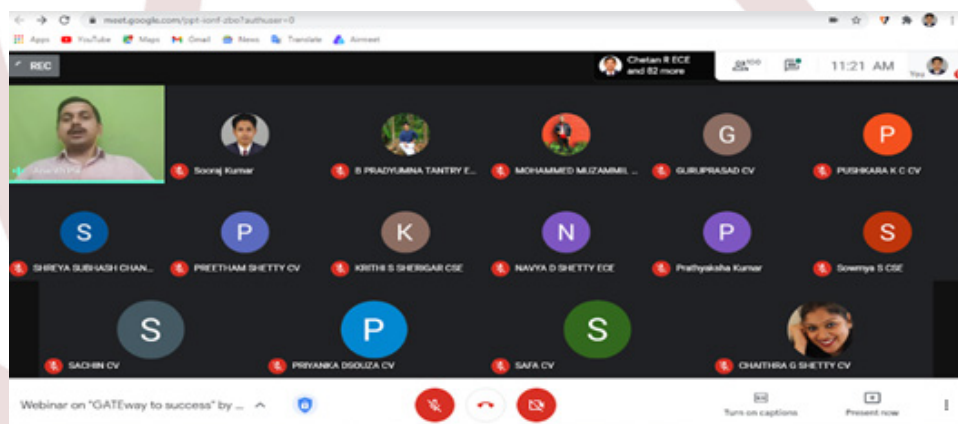
Prof. Nargis started the session with explaining about how to use crypto currency for secure transaction records, to control the creation of additional coins, and to verify the transfer of coin ownership. Speaker continued with application in the block chain Metamask addon in the chrome platform to create and manage their own identities for secure interface to review the transaction. She told to explore the application in the blockchain using Smart Contract computer programs. Speaker concluded by saying that, one can focus in the core architecture part for the research challenges in block chain technologies.

Dr. Sachin Bhat, Associate professor coordinated the event on behalf of ECE dept. and 100 plus participants were present in the webinar and interacted with the resource person. Ms. Shashikala R thanked the resource person and participants.

## 10. GATEWAY TO SUCCESS

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Civil Engineering department has organized a technical webinar on “GATEway to success” by Prof. Ananth Pai, Founder of Academy in pursuit of Engineering eXcellence (Apex), Mangalore. Prof. Ananth Pai has started the session by giving brief introduction on GATE examination and its benefits for the students. Sir has explained the consideration of GATE score in various public sector jobs and government jobs like MRPL, UPCL and many more.

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. Total more than 100 students from the different branches have attended the session.



## 11.COMMERCIAL PROSPECTS OF VALUE ADDED MEDICINAL PLANTS

The Department of Chemistry, SMVITM, Bantakal in association with ISTE Faculty Chapter organized a webinar on “Commercial Prospects of Value Added Medicinal Plants” for faculty members of Engineering colleges on 11th November, 2020. The webinar was from 2.00pm to 3.00pm.

During the webinar, the 43 faculty members were present. Dr. K.K. Srinivasan in his talk, explained about various products produced by the common medicinal plants which are available in our surroundings and their prospective global market growth and value in the near future. He also emphasized the importance of maintaining a balanced diet, consumption of adequate amount of water and fiber rich food to keep the body fit and fine. The talk was conducted for the benefit of the teaching and non-teaching staff of the institute. The Vice Principal, Deans, HoDs, teaching and nonteaching staff members were present during the talk. The program was compered by Dr.Subbulaxmi N.

Karanth and Ms. Raviprabha K of Chemistry Department with the assistance of ISTE Faculty Chapter member Ms. Renita Sharon Monis.



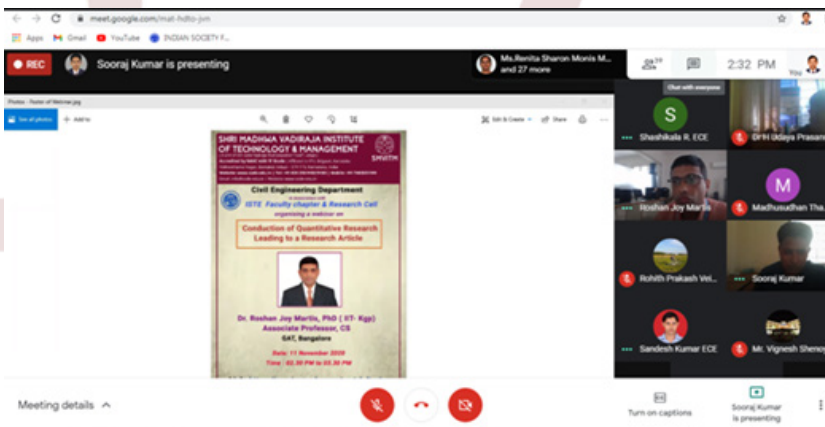
## 12. CONDUCTION OF QUANTITATIVE RESEARCH LEADING TO A RESEARCH ARTICLE

The Faculty Chapter of Indian Society for Technical Education (ISTE) and Research Cell of SMVITM, Bantakal in association with Civil Engineering department has organized a technical webinar on “Conduction of quantitative research leading to a research article” by Dr. Roshan Joy Martis, Associate Professor, GAT Bangalore. Dr. Martis has explained the detailed procedure involved in the conduction of research by illustrating his thesis work at IIT Karagpur on biomedical signal processing. Later he described the various steps involved in the qualitative research article writing and publication in the various reputed journals.

He also elaborated on the choosing of research topic on social and environmental aspect, extraction of literatures from various sources,

combination of keyword in different search engines, abstract framing for computational research and experimental research and he also laid emphasis on understanding strengths and weaknesses of paper is paramount in publishing it in good journals.

More than 50 faculties from different branches have attended this webinar. Program was organised by Mr. Sooraj Kumar, Assistant Professor & ISTE Secretary, Civil Engineering department with the guidance of Dr. Sandeep Nayak, HoD, Civil Engineering department. Mrs. Shashikala, Senior Assistant Professor, E&C department welcomed, Mr. Rohith Prakash Veigas introduced and Dr. Vasudev, Dean Research and consultancy, Computer science department proposed the vote of thanks.



## 13. INSPIRING YOUNG INDIANS THROUGH EXPERIENCE

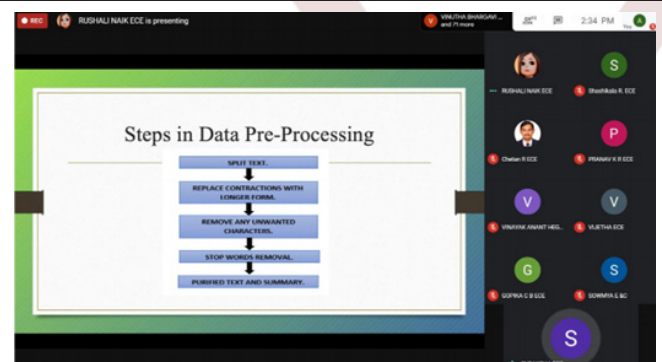
The Department of Mechanical Engineering, SMVITM, Bantakal in association with ISTE Student Chapter organized a webinar series on ‘Advanced Areas of Mechanical Engineering’ for the benefit of interested students on various days from various eminent speakers.

Mr. Rangarao Desai, A Kannadiga and Team Leader in Robert Bosch, Ltda, Brazil was the resource person for the two days. On 19th November 2020 Mr. Desai addressed the students on the theme ‘Inspiring Young Indians Through Experience’. During his talk Mr. Desai explained the way by which the weakness can be identified and can overcome the same with a simple example. The students are motivated by the Speaker to participate in all types of activities along with their academic activities which makes them a good human and removes their fear. The session was attended by 35 participants and are found interactive throughout the session.

## 14. TEXT SUMMARISATION USING DEEP LEARNING APPROACH

Department of ECE in association with ISTE has organized a Peer Learning Webinar series. The third episode of the series held on Friday 20 November, from 2:00 to 3:00 pm, in which passed-out students Ms. Rushali Naik and Ms. Suraksha shared their knowledge on “Text summarization using deep learning approach”. The 3rd and 4th year ECE around 80+ students participated and interacted with the resource persons.

The speakers started the session with the basics of Text summarization approach using deep learning; explained how to rank the text and extract essential and significant contents. Session proceeded with,



different algorithms used to perform summarization and replacing the longer text. Also they clarified the difference between Machine learning and deep learning. Session was concluded by giving extractive and abstractive techniques in text summarization.

Ms. Sriraksha, third year EC student welcomed and introduced the resource persons. Mr. Adithya final year EC student coordinated the event. Dr. Sachin Bhat, Associate Professor, Mr. Chetan R, ISTE coordinator and Ms. Shashikala R, Sr. Assistant Professor supported the event.

## 15. "APPLICATIONS OF MATHEMATICS -RECENT TRENDS"- NUMBER THEORY

The Department of Mathematics, SMVITM, Bantakal in association with ISTE Faculty Chapter organized a webinar series with the title "Application of Mathematics in Engineering - Recent Trends" starting from 21 November 2020 to 19 December 2020, every Saturday from 11 AM to 12 PM for faculty members and research scholars of institutions through Google Meet.

The first session was on the applications of Number theory with the title "The Number Theory - Purest of Pure Mathematics when Applied" was delivered by Dr. Vasudeva, Dean- Research & Consultancy, SMVITM, Bantakal on 21 November 2020 from 11.00 to 12.00pm. Dr. Vasudeva in his talk, explained about the origin and development of Number Theory.

He gave an insight on the contribution of number theory by the great mathematician Ramanujan. Also, he explained about various subdivisions of number theory as well as important applications of number theory. 37 participants got benefited from the talk.

Dr. Lolita Priya Castelino, HOD, Mathematics welcomed the participants and spoke about the objectives of the webinar series. The coordinator of the webinar series Ms. Dhanyashree Vinay introduced the resource person to the participants and compered the session.

Topic	Date	Time	Speaker	Affiliation
Number Theory	21 November, 2020	11:00 - 12:00	Dr. Vasudeva	Dean, R&C SMVITM, Bantakal
Linear Algebra	28 November, 2020	11:00 - 12:00	Dr. B.R.Shankar	Professor, NITK, Suratkal
Functional Analysis	5 December, 2020	11:00 - 12:00	Dr. Santhosh George	Professor, NITK, Suratkal
Statistics	12 December, 2020	11:00 - 12:00	Dr. Rituparna Sen	Associate Professor, ISI, Bengaluru
Machine Learning	19 December, 2020	11:00 - 12:00	Dr. Jidesh P.	Assistant Professor, NITK, Suratkal

Registration Link - <https://forms.gle/qwPBKjYBUbcQgs6>

Topic	Date	Time	Speaker	Affiliation
Data Science Application for Retail Sales Analysis	23 Nov 2020	9:00 TO 4:30 PM	MR. GIRISH AITHAL	Director & Learning Solutions Head, 4Edge IT Solutions, Mangaluru
Visualizations & Implementations of Data Science Algorithms	23 Nov 2020	9:00 TO 4:30 PM	DR. AJAY SHENOY	Lead AI Scientist, Target Corporation, Bengaluru
Data Science for Weather Informatics	28 Nov 2020	9:00 TO 4:30 PM	DR. NAGARAJ BHAT	H.O.D & Associate Professor, Dept. of CSE SMVITM, Bantakal
Computer Vision Applications in Data Science	28 Nov 2020	9:00 TO 4:30 PM	DR. SEJAL SANTOSH NIMBHORKAR	Associate Professor, Dept. of CSE, B.N.M Institute of Technology, Bengaluru
Application of Data Science for Medical Image Analysis	27 Nov 2020	9:00 TO 4:30 PM	DR. PRAVEEN G B	Postdoctoral Research Associate, Division of Informatics, Imaging & Data Sciences, The University of Manchester, U.K.

## 16. RECENT TRENDS IN DATA SCIENCE APPLICATIONS-FDP

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised an Online Faculty Development Program on Recent Trends in Data Science Applications from 23-11-2020 to 27-11-2020. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Faculty Chapter.

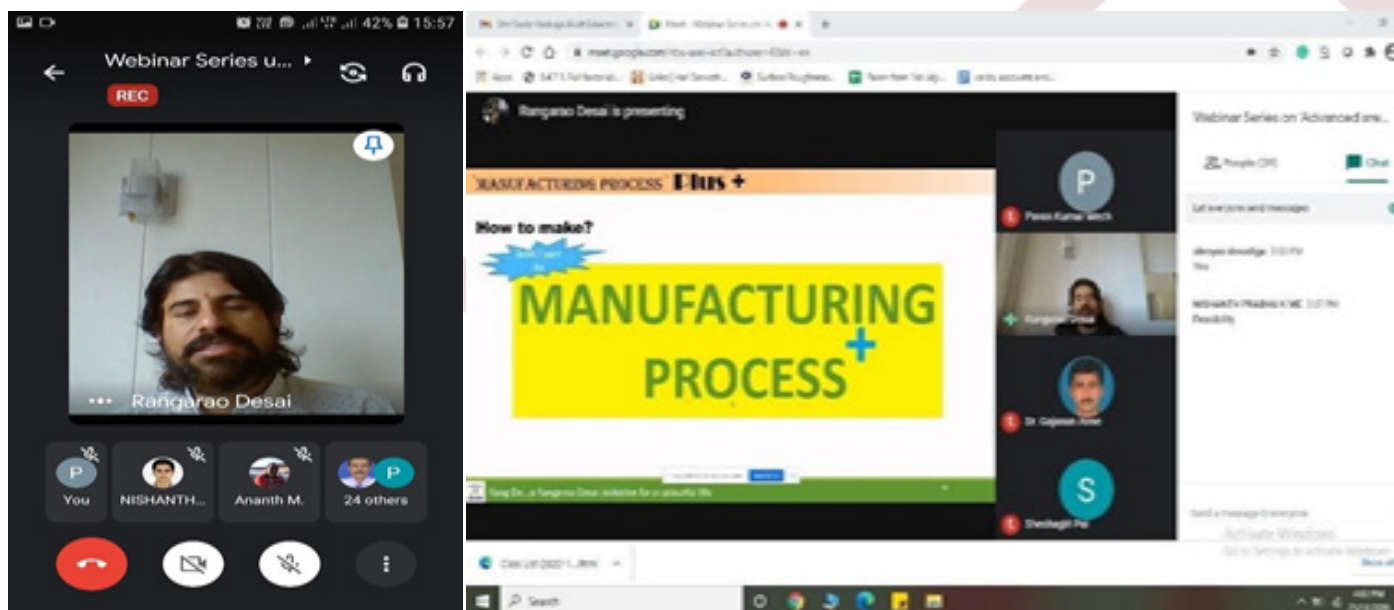
Dr. Vasudeva, Professor and Dean R&C of SMVITM, Bantakal inaugurated the event on 23-11-2020 and presidential remarks to the function delivered by our Governing Council Member Shri. Jagdish Acharya. Mr. Girish Aithal, Director & Learning Solutions Head, 4Edge IT solutions, Mangaluru, Dr. Ajay Shenoy, Lead AI Scientist, Target Corporation, Bengaluru, Dr. Nagaraj Bhat, H.O.D & Associate Professor, Department of Computer Science and Engineering SMVITM, Bantakal, Dr. Sejal Santosh Nimbhorkar, Associate Professor Department of CSE, B.N.M Institute of Technology, Bengaluru and Dr. Praveen G B Postdoctoral Research Associate, Division of Informatics, The University of Manchester, U.K were the different resource persons who addressed the participants on the recent trends in Data Science and information retrieval techniques.

The programme helped in enhancing the knowledge of around 100 enthusiastic participants in the field of Data Science. The programme was beneficial to the Faculty members and Research Scholars who intend to practice/begin research in the field of processing and analysis of data using advanced techniques such as Artificial Intelligence, Machine Learning, Deep Learning etc. The valedictory session of the Faculty Development Program was held on 27-11-2020 with the concluding remarks delivered by Dr Sudarshan Rao K, Dean QA of SMVITM, Bantakal. Dr. Raghvendra S, Mr. Shrinivasa, Ms. Sneha N S, Mr. Manjunath A

S of the computer Science Department and Mr. Chetan R, Institute ISTE Coordinator were the faculty coordinators who played a major role in the smooth conduction of the programme.

## 17. OVERVIEW OF MANUFACTURING PROCESS AND PROJECT MANAGEMENT

On 25th November 2020, speaker had another session on 'Overview of Manufacturing Process and Project Management'. The session addressed the basics of manufacturing processes by giving simple and understandable practical examples. Mr. Desai connected various day-to-day activities as examples to explain the concepts of manufacturing process selection. He also explained various related concepts of manufacturing process cycle such as failure mode and effect analysis (FMEA). At the outset the talk enlightened students with overviews of manufacturing process with simple examples.



## 18. REIMAGINING HIGH PERFORMANCE POLYMERS BY TARGETING FORM AND FUNCTION

The session on 26th is handled by Eminent Personality Dr. Maruthi Hegde who is having rich research experience in the field of Nano particles and 3D printing. DR. Hegde handled session on 'Reimagining High-performance Polymers by targeting form and function'. The session was started with the basics of polymers and covered with its forms, classifications and applications. The resource person also concentrated on manufacturing of polymers for future use. The talk also gave ideas about different agencies which will provide funding for projects for the projects. The students and participants found interactive in the session and got cleared some of their queries.

## 19. HAKOPEDIA- EVERYTHING YOU NEED TO KNOW ABOUT HACKATHON

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised an Online Peer Learning Webinar – "Hackopedia – Everything you need to know about Hackathon" on 28th November 2020, from 3:30 pm to 5:30 pm. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter. X to Infinity team members were the guest speakers for the event. Raunak Choudhary from 7th semester CSE delivered the welcome address. Sushmitha N from 5th semester CSE introduced the speakers. Deepak Nayak and Harikrishna R from 7th semester CSE were the speakers from X to Infinity Team.

The speakers gave an insight to the participants about what hackathons were, shared some tips for hackathons, informed about various tools that could be used in a hackathon, and answered all the questions which the participants had asked during the session. The speakers also shared their past experiences of participating in the hackathons. The webinar was conducted through Google Meet. It was also streamed live on YouTube where the participants from outside the institution were watching it. There were around 90 enthusiastic participants throughout the session. The vote of thanks was given by Avanthi V Rao from 3rd semester year CSE. Shrutha V Bhat from 3rd semester CSE was the event moderator. Bhargavram Udupa T from 3rd year CSE handled the registrations and feedbacks. Ganesh Hathwar B S of 5th semester CSE helped the team in designing the flyer for the event.

Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Ms. Sneha N S and Mr. Deepak Rao M faculty from Computer Science Department played a major role in the smooth conduction of the programme.

## 20. "APPLICATIONS OF MATHEMATICS -RECENT TRENDS"- LINEAR ALGEBRA

The Department of Mathematics, SMVITM, Bantakal in association with ISTE Faculty Chapter organized a webinar series with the title "Application of Mathematics in Engineering- Recent Trends" starting from 21 November 2020 to 19 December 2020, every Saturday from 11.00 am to 12.00 pm for faculty members and research scholars of various institutions through google meet.

The second session was on the topic " Linear Algebra and Applications" which was delivered by Dr. B.R. Shankar, Professor, NITK, Surathkal on 28th November. Dr. B.R.Shankar in his talk, explained the basic notion of Linear Algebra and Applications of Cayley Hamilton Theorem. Also he has covered fundamentals of vector spaces and Linear Transformations including Singular Value Decomposition. 40 participants benefited from the talk. Mrs. Renita Sharon Monis compered the session.

## 21. "HANDS ON SESSION ON USE OF ONLINE TOOL (MENTIMETER) IN ACTIVE LEARNING TECHNIQUES"

IQAC in association with ISTE faculty chapter organized "Hands on session on use of online tool (Mentimeter) in active learning techniques" by Dr. Sudarshan Rao K., Dean (QA), SMVITM on Dec 02, 2020 at 3:00PM at the institute premises.

Dr. Rao started the session with explaining active learning techniques which is the need of the hour and told that how we can conduct online quiz, class polls, minute paper, and feedback of the daily classes using Mentimeter online tool. Speaker proceeded with hands-on demonstration to build interactive presentations slides. Sir concluded the session with explaining to collect segment responses to get deeper insights.

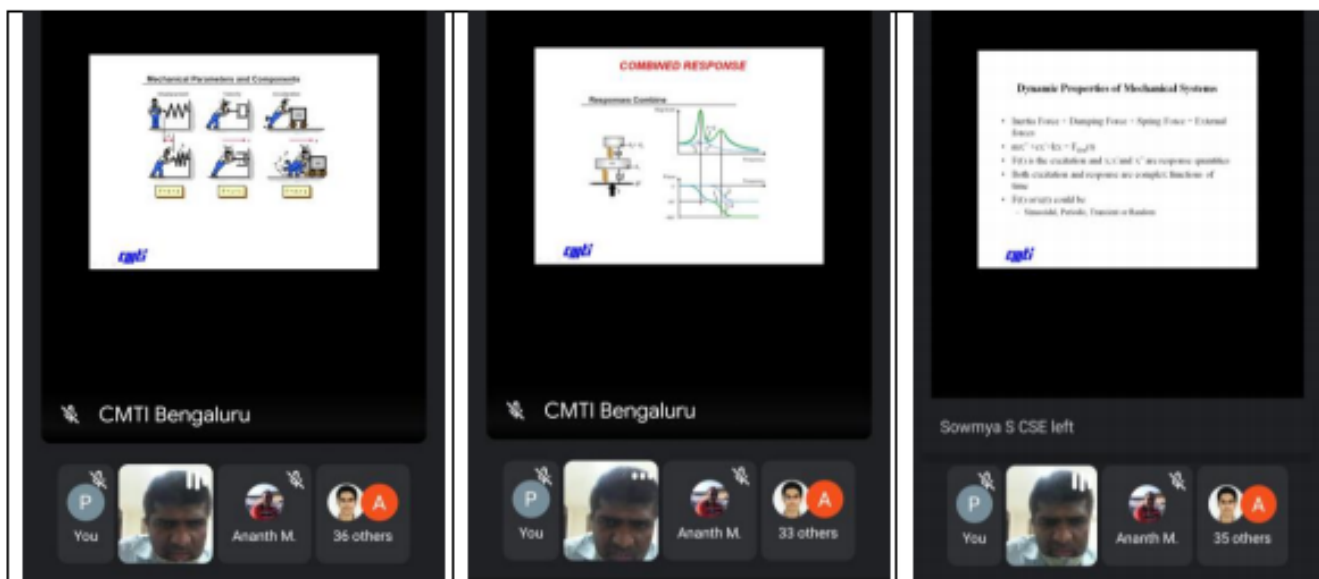
The participants showed keen interest and were interactive during the sessions. Dr. Udaya Prasanna, Professor, ME Department handed over the thanks letter to the speaker. Ms. Rajashree Nambiar, Sr. Asst. Professor, ECE Department compered the program and ISTE coordinator Mr. Chetan coordinated the program.



## 22. CONDITION MONITORING OF MACHINES THROUGH VIBRATION MONITORING'

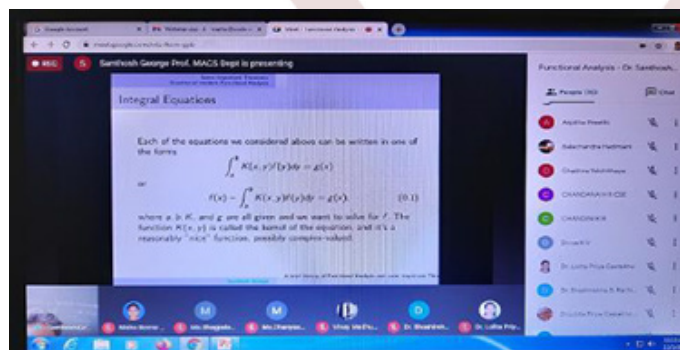
Webinar series on 03 December 2020 was handled by Mr. Girish Kumar, Senior Scientist of CMTI, Bengaluru. The talk was arranged on topic 'Condition monitoring of machines through vibration monitoring'. Session was started with the basics of vibration engineering.

Resource person who has rich working experience in conditioning and monitoring of machines, explained the importance of machine conditioning to increases their lives and also to reduced cost of standby machine units. He also mentioned that today's industries are concentrating more on monitoring of machines by various methods of periodical maintenance practices and among these vibration analyses. The cost of bearing the conditioning of machines will be less than the cost of new machine required to purchase to perform required task. Students and participants were participated with keen interest and benefited with this talk. The talk was ended with tips for condition monitoring of machining and discussions.



## 23. "A BRIEF HISTORY OF FUNCTIONAL ANALYSIS AND SOME IMPORTANT THEOREMS"

The third session was on the applications of Functional Analysis with the title "A brief history of Functional Analysis and some important theorems" was delivered by Dr. Santhosh George, Professor, Dept. of MACS, NITK, Surathkal on 05 December 2020 from 11.00 AM to 12.00 PM. Dr. Santhosh George in his talk briefed about the introduction and history of Functional Analysis. He gave an exposure to some important theorems of Functional Analysis. Also, he explained the applications of Radom transforms and Fourier transforms in medical field. 33 participants attended the session. Ms. Nisha Reena Nazareth introduced the resource person to the participants and compered the session.

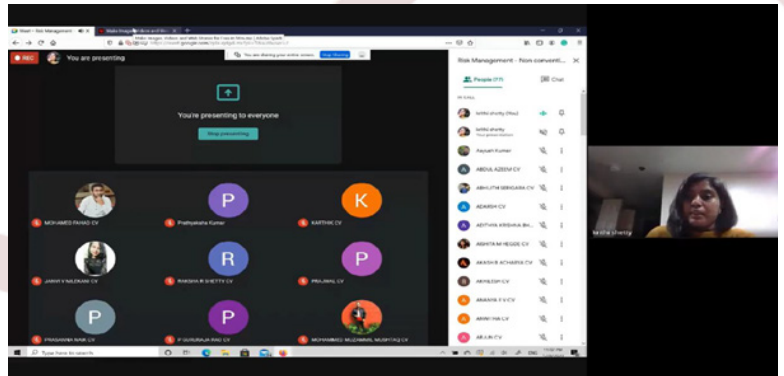


## 24. "RISK MANAGEMENT: A NON CONVENTIONAL CIVIL ENGINEERING CAREER CHOICE"

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Civil Engineering department has organized a technical webinar on "Risk Management: A non conventional civil engineering career choice" by Ms. Krithi Shetty, Regional catastrophe modeller at AIG, Philadelphia(USA).

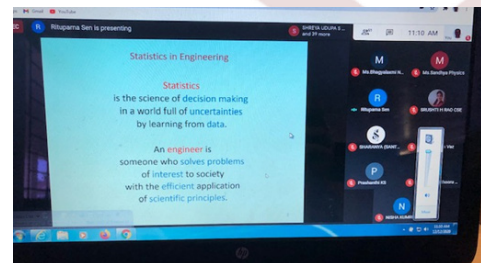
Ms. Shetty has started the session by giving brief introduction on risk management and analysis involved in the various types of buildings. She has explained the behaviour of building under various natural hazardous scenario like wind load, seismic energy and vulnerability to fire. Later she gave inputs on opportunities for civil engineers in risk management and catastrophe modelling in the field of research.

Availability of software, topics for mini project or major projects in the field of catastrophe modelling was discussed in question and answer session. Total more than 90 students have benefitted from the session.

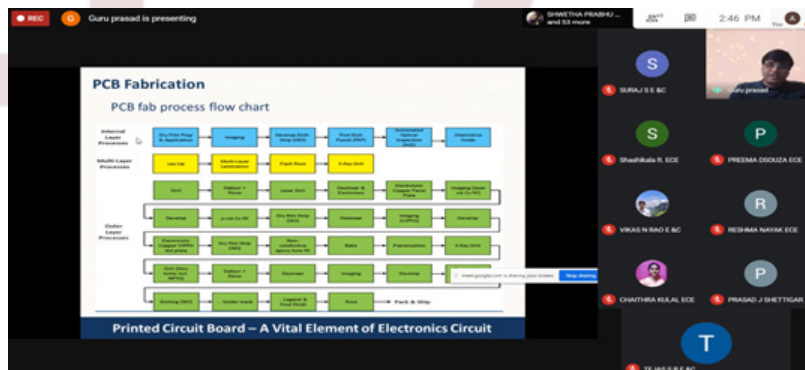


## 25. " STATISTICS IN ENGINEERING"

Session was on the topic " Statistics in Engineering" which was delivered by Dr. Rituparna Sen, Associate Professor, ISI , Bengaluru on 12th December. Dr. Rituparna Sen in her talk, explained the statistical state time analysis. Also she has elaborated the application of statistics in various branches of engineering along with real world problems. 54 participants benefited from the talk. Mrs. Bhagalaxmi Navada introduced the guest and compered the session.



## 26. "PRINTED CIRCUIT BOARD (PCB)- A VITAL ELEMENT OF ELECTRONICS CIRCUIT"



Department of ECE in association with ISTE has organized a lecture Webinar Series. The sixth episode of the series held on Friday 18 December, from 2:00 to 3:30pm, Mr. Guruprasad S, Manager- Field Application Engineering TTM Tehcnologies Inc was the resource person and gave a talk on "Printed Circuit Board(PCB)- A Vital Element of Electronics Circuit". From the ECE Department faculty and students of 2nd and 3rd year around 70+ participated and interacted with the speaker.

Speaker highlighted the three broad areas of PCBs and they are, first area is PCB design in which here it requires the thorough knowledge in the software's like altium, cadence, PCAD, KiCad, Mentor etc., . Second area is PCB fabrication, since speaker has got rich experience in the fabrication, he elucidated all the stages in detail with all chemical process involved in the different stages and

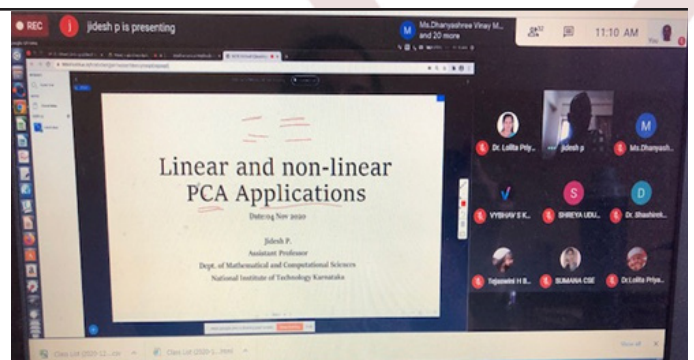
finally the last area is PCB assembly in which here, he explained about THT and SMT. He concluded with the job opportunities and companies working in this domain for the aspiring students.

Ms. Preema D'souza, Final year ECE student introduced the resource person and ISTE student coordinator Mr.Adithya of final year EC student compeered the program. Mr. Chetan R, ISTE coordinator and Ms. Shashikala R, Sr. Assistant Professor coordinated the event. Dr. Sachin Bhat, Associate professor, ECE Department supported the event.

## 27. " PRINCIPAL COMPONENT ANALYSIS AND APPLICATIONS"

The fifth session was on the topic " Principal Component Analysis and Applications" which was delivered by Dr. Jidesh P, Assistant Professor, NITK , Surathkal on 19th December.

Dr. Jidesh P in his talk, explained the linear and non linear PCA Applications. He explained techniques of dimensionality reduction ,importance of vectors and Matrix decomposition. Also he has elaborated the application regarding this. 36 participants benefited from the talk. Dr. Lolita Priya Castelino ,HOD of Mathematics ,introduced the guest and compered the session with concluding remarks regarding the webinar series.



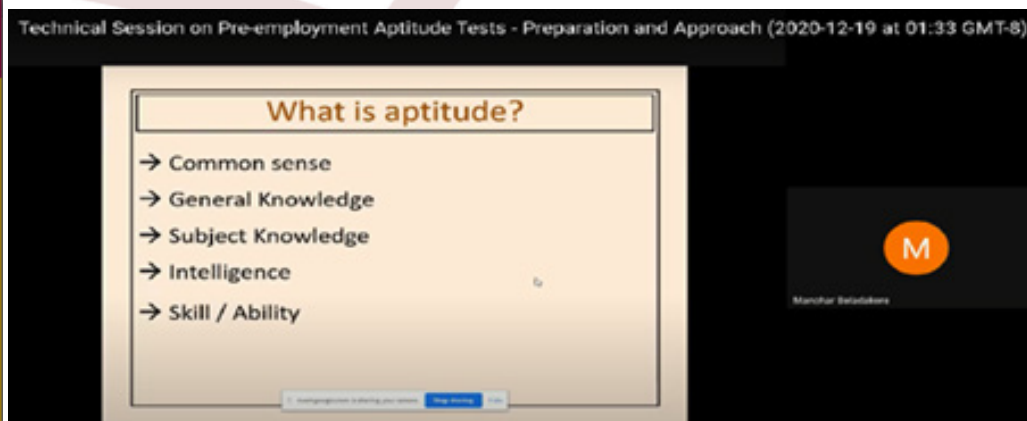


## 28. "PRE-EMPLOYMENT APTITUDE TESTS – PREPARATION AND APPROACH"

The Department of Computer Science and Engineering in coordination with ISTE Student Chapter had organized an online Technical Session on "Pre-employment Aptitude Tests – Preparation and Approach" on 19th December 2020 through Google meet platform.

In the session, Mr. Manohar, spoke about how the aptitude questions can be solved quickly and importance of aptitude tests in industry. He also gave an idea on what industry expects from aptitude tests. He concluded the session by giving a test on various aptitude questions and students are able to solve the given questions.

Mr. Raunak Choudhary, final year student, Dept. of Computer Science and Engineering introduced and welcomed the resource person. Mr. Manjunatha A S, Assistant Professor (Senior) organizer of the event, formally presented the vote of thanks and the program ended with the good information on the importance of aptitude tests for the placement activities.



## 29. 'MATHEMATICS WE EXPERIENCE'

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 and Pilikula Regional Science Centre (PRSC), Mangaluru organised an invited talk with the title 'Mathematics We experience' on the account of "National Mathematics Day" to commemorate 133rd birthday of the great Indian Mathematician Shri Srinivasa Ramanujan.

Dr. Raghavendra A, Principal, Poornaprajna College, Udupi was the resource person. In his talk he spoke about how mathematics is experienced in life. People use mathematics in every aspect of life knowingly or unknowingly. He illustrated how the mathematical solutions are found or thought of for different problems. He also explained how mathematical inventions were made in India from the prehistoric era till date.

Dr. Thirumaleshwar Bhat, Principal, SMVITM, provided the brief introduction about the program. Dr. Vasudeva, Professor and Dean R&C of SMVITM delivered the introductory session on "The man who knew infinity – Srinivasa Ramanujan".

As part of the National Mathematics day celebration, a quiz was conducted to students and faculty members.

The program was streamed live on the YouTube channel of the institute. About 400 science and maths teachers of Dakshina Kannada and Udupi district were part of the event online. Ms. Renita Sharon Monis, Sr. Assistant Professor, Department of Mathematics compered the program. The event was sponsored by Pilikula Regional Science Center Mangalore.



## 30. FIVE DAYS FACULTY DEVELOPMENT PROGRAM (FDP) ON "ADVANCES IN MATERIALS AND MANUFACTURING ENGINEERING"

Department of Mechanical Engineering at Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal, in association with ISTE Faculty Chapter has organized Five days Faculty Development Program (FDP) on "Advances in Materials and Manufacturing Engineering" from 28 December 2020 to 01 January 2021 with the objective of enhancing the knowledge of the faculty members and research scholars across the country.

The FDP was inaugurated by Dr. Thirumaleshwara Bhat, Principal of SMVITM on 28 December 2020. Hundreds of faculty members and research scholars across the country have joined the FDP as participants. Prof. S K Nath from IIT-Roorkee, Dr. Chakradhara D from IIT-Palakkad, Dr. Somashekara M A and Dr. Surya Prakash Ramesh from IIT-Dharwad, Dr. Shashi Bhushan Arya from NITK-Surathkal, Dr.



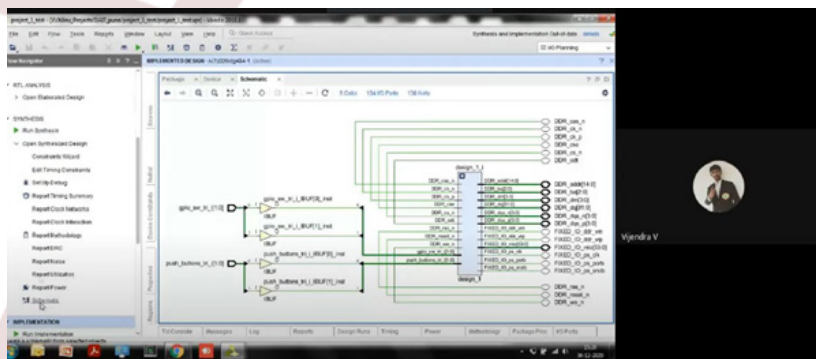
Manjaiah M from NIT-Warangal, Dr. Venkateswarulu from NAL-Bengaluru, Dr. Maruti Hegde from University of North Carolina-USA, Mr. Amith Kudva from Plasmatron India Pvt Ltd-Mumbai and Dr. Gajanan Anne from SMVITM were the Resource persons for ten technical sessions. The FDP was concluded on 01 January 2020. Dr. Gajanan Anne, HOD of Mechanical Engineering and Dr. Pavana Kumara, Faculty member of Mechanical Engineering, have coordinated the FDP.

### 31. "XILINX LATEST TECHNOLOGY ON ADAPTIVE INTELLIGENCE"

Department of Electronics and communication engineering co-curricular cell in association with ISTE student chapter of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi has organized webinar on "Xilinx Latest Technology on Adaptive Intelligence" held on 30th December 2020 from 2:00pm to 3:30pm. The resource person for the webinar was Mr. Vijendra V, Application Engineer, Coreel Technologies.

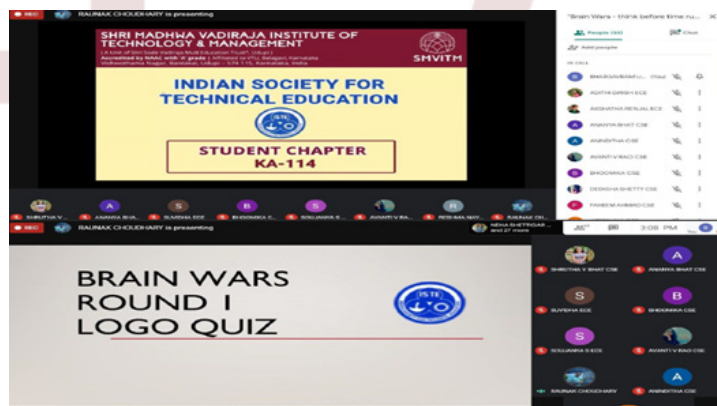
Mr. Vijendra spoke about the latest 7 series FPGA Plus Soc families design and architecture. He demonstrated the flow to use the Vivado Design Suite- 2020.1 and how to build the FIFO configuration in memory design. The webinar was concluded by the fruitful interaction with the final year students related to their projects in the VLSI domain.

Ms. Preema D'souza, Final year ECE student introduced the resource person and ISTE student coordinator Mr. Adithya of final year EC student compered the program. Mr. Chetan R, ISTE coordinator and Ms. Shashikala R, Sr. Assistant Professor coordinated the event. Dr. Sachin Bhat, Associate professor, ECE Department supported the event.



### 32. "BRAIN WARS – THINK BEFORE THE TIME RUNS OUT..."

An online competition – "Brain Wars – think before the time runs out..." was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter, SMVITM, Bantakal on 2nd January 2021 at 3:00 pm for SMVITM students. The competition had two rounds. The first round was "Logo/Tagline Quiz". Questions were related to logo/tagline of existing company (not necessarily any IT Company). Company could be of any domain. The second round was "Trivia-Tech Quiz". Questions were in form of puzzles related to technology/ organization. Participants had to crack the puzzles before the time.



Raunak Choudhary from 7 th semester CSE delivered the welcome address. Aninditha from 5 th semester was the quiz master for the first round. Faheem Ahmad from 7 th semester CSE was the quiz master of the second round.

About 23 teams had registered for the event, out of which 10 teams got promoted from the first round to the second round. Bhargavram Udupa T and Shweta Ramachandra Bhat, from 5th semester CSE had helped in the conduction of the first round. Avanti V Rao and Shrutha V Bhat, from 3rd semester CSE had helped in the conduction of the second round. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Ms. Sneha N S faculty from Computer Science Department played a major role in the smooth conduction of the program



### 33. GATE 2021 TRAINING CUM MOCK TEST PROGRAM "SWADHYAYA"

The Student Chapter of Indian Society for Technical Education (ISTE) in association with STHAPATHI student club of Civil Engineering department of Shri Madhwa Vadiraja Institute of technology and Management, Bantakal has organized, GATE 2021 training cum mock test program titled as "SWADHYAYA" from 06th Jan 2021 to 11th Jan 2021 at college premises. Inaugural ceremony of the event was held on 06th Jan and Ms. Pallavi M, PG Scholar, NITK, Suratkhla was the key note speaker to address the students regarding the preparation

and exam pattern of GATE 2021. She also shared her experience in preparation and motivated the students. In the afternoon session pre training mock test and the subjects were taught by the faculty members of the Civil engineering department of SMVITM, Bantakal. On 11th Jan 2021 the valedictory function was held followed by a post training mock test to evaluate the students



performance after the training. Dr. Sriram Marathe, Assistant Professor, NMAMIT, Nitte was the resource person and the guest of honour for the event.

In his address he spoke about the advantages of cracking the GATE and opportunities in various sectors under GATE score. He also motivated the students to take up the exam with utmost priority and dedication.

Dr. Marathe handed over the GATE 2021 book to Ms. Riya from final year student of civil engineering department for the highest score in mock test. The program was coordinated by Mr. Sooraj Kumar, ISTE Coordinator, Mr. Madhusoodhan Rao & Mr. Rohith Prakash Veigas, STHAPATHI student club coordinator and moderated the program by Ms. Chaithra Shetty, Final student of Civil Engineering department.

### 34. CERTIFICATION PROGRAM ON REVIT AND 3DS MAX SOFTWARE

The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of SMVITM, Bantakal in association with EduCADD, Udupi organized a certification program on REVIT and 3DS MAX software at the institute premises for the final year students of Civil Engineering department from 13th April 2019 to 15th January 2021. Mr. Abhinav, Trainer, EduCADD Udupi was the resource person for this technical talk. Students became expert in two softwares Revit architecture and 3ds MAX and total 26 students received certificate from EduCADD after completing projects.

### 35. NATIONAL SCIENCE DAY

The Department of Basic Sciences, in association with the Student Chapter of Indian Society of Technical Education (ISTE) of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal had organized an invited talk on 26th February, titled 'Nanotechnology and its Applications'. This talk was held on account of "National Science Day" to commemorate the discovery of Raman Effect by the great Indian physicist, Sir C V Raman.

Prof. Dr. D. Krishna Bhat, Professor, Department of Chemistry, NITK, Surathkal was the resource person. In his talk, he spoke about the simple methods nature adopted to synthesize nanomaterial, and how nano science and technology could bring about changes in the socio-economic condition of our country.

He explained about the various fields in nano science and technology, which could bring in more opportunities for undergraduates, and how the nanomaterial and its allied technology could positively impact and bring forth effective solutions in the field of agriculture, medicine, energy storage, etc. He also spoke about the inventions that were made in his laboratory, and also in India, since prehistoric times.

Dr. Thirumaleshwara Bhat, Principal, SMVITM, provided a brief introduction about the program. Ms. Usha H, Sr. Assistant Professor, Department of Physics, compered the program.



### 36. NATIONAL LEVEL COMPETITION AWARENESS PROGRAM

The Department of Basic science, SMVITM, Bantakal in association with ISTE Student Chapter organized a peer learning session on "National level competition awareness program" on 1/02/2021, 4.00-4.45 p.m. for first year students of Chemistry cycle & 6/2/2021, 12.00 -1.00 p.m. for physics cycle students. Ms. Bhoomika of V Sem explained regarding IEEE Eureka, its objectives. Ms. Niharika B of V sem E&C briefed about KPIT projects. Also she has shared her personal experience while applying to KPIT. Ms. Akshatha explored her journey of experience while doing the Anveshana Project. Also she has given some important techniques to be remembered while applying for the projects.

Also all the three speakers shared do's and don'ts while applying for projects. The objective of this peer learning session is to create awareness regarding the various projects and to motivate the students to take initiative in participating in such projects. Around 200 participants benefited from the talk. This peer learning session was initiated and coordinated by Mrs. Renita Sharon Monis.



### 37. CAREER OPPORTUNITIES IN OIL AND GAS SECTORS

Department has organized a technical talk related to career opportunities in oil and gas sectors for Mechanical Engineering students in association with V&G Industries with which the department has MoU on 8th April 2021 through online mode. This talk is arranged to provide awareness for students regarding the Non-Destructive Testing methods, certification courses and its importance in various industries.

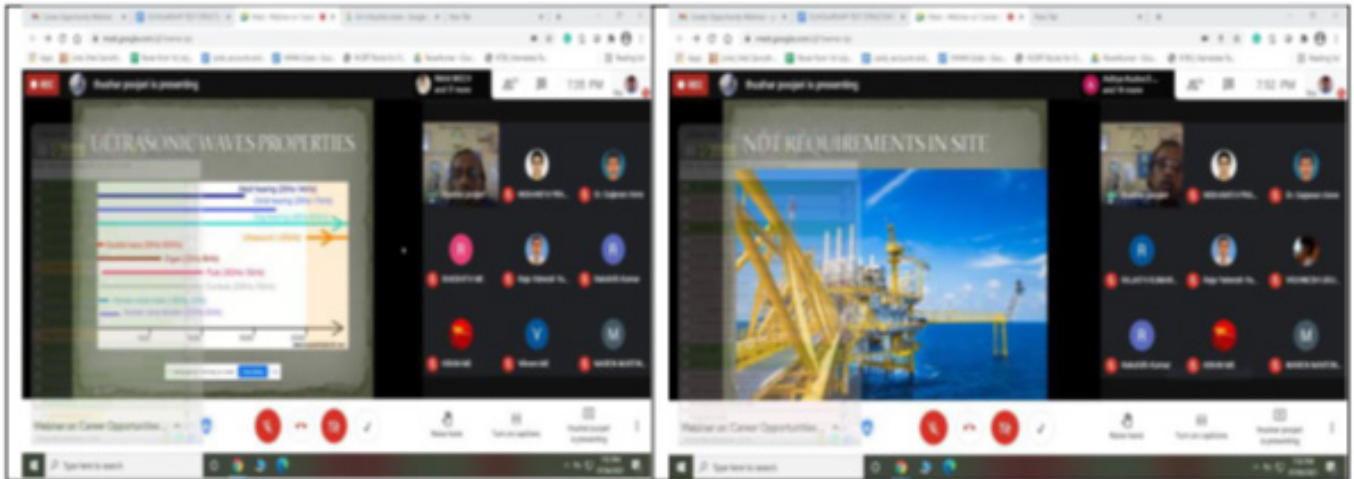
The session was delivered by Mr. B. S. Venkat of V&G Industries who is having rich experience in quality and training departments various industries at different levels. Webinar started with highlights of oil and gas industries current scenario and continued to give complete statistics about sector in near future. The requirement of quality control and handling agencies was clearly explained during this topic. It gave insights about various bodies like ASME/ASNT etc. and their certification courses which are helpful in getting placed in various industries around the world in this field. Role of Mechanical Engineering graduates is clearly explained with the NDT/ASNT certification in these industries.

More details about the NDT testing methods and courses available in V&G Industries was explained in detail. Complete procedures of various

NDT methods like liquid propellant test (LPT), magnetic particle test (MPT), ultrasonic test, radiography test was explained in details with all necessary technical requirements and details.

During the last part of session, the resource person mentioned internship trainings designed in V&G industries for UG students and informed students to utilize this opportunity.

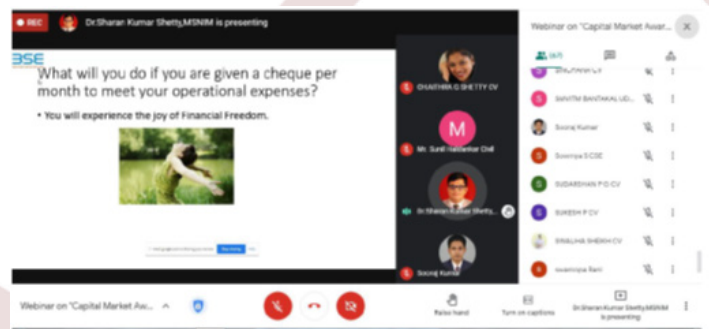
The talk has provided various information like current oil and gas industries scenario, certification programs for quality control, opportunities in quality sector, NDT methods, internships etc. At the end department ISTE coordinator Dr. Pavana Kumara thanked resource person for delivering such a useful webinar on behalf of Head of Mechanical Engineering, Principal and Management and urged same cooperation in future in internships, projects and research works.



### 38. CAPITAL MARKET AWARENESS

The Civil Engineering department in association with Faculty & Student Chapter of Indian Society for Technical Education (ISTE) has organized a webinar on "Capital Market Awareness" by Dr. Sharan Kumar Shetty, Associate Professor & Member of Governing Council, MSN Institute of Management, Mangalore. Dr. Shetty addressed the participants on how to focus on Post tax earnings and exponential growth in the asses building. He gave suggestions to the audience on investment and returns are the two main parameters for the survival in today's scenario.

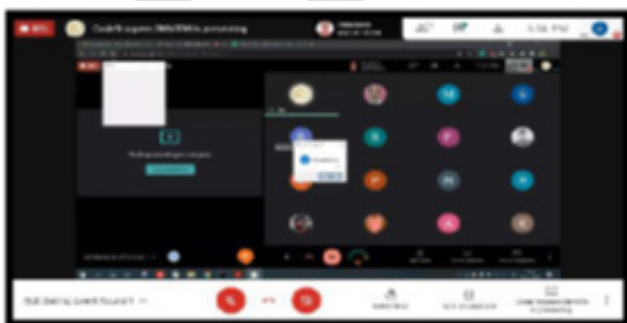
Also the speaker stressed on focus on holistic wealth could lead to increase in the earnings. He also advised the students on risk involved in the volatile investment. More than 65 people have participated in this event.



### 39. SPITBALLING-CAN YOU THINK AND TALK QUICK ENOUGH

The CodeTroopers Club in association with the ISTE Student Chapter of SMVITM organized a communication skilling event - "Spitballing - Can you think and talk quick enough?" on the 24th and 25th of May through online mode. The judges for the competition were Dr. Vasudeva (Dean, Research and Consultancy) and Mr. Deepak Rao M (Assistant Professor (Senior), CSE Department). Mr. Raunak Choudhary, President of the CodeTroopers Club and Joint-Secretary of ISTE Student Chapter hosted the event.

The competition consisted of two rounds. The first round held on 24th May was a JAM (Just a Minute). A Python Script containing random topics was run for every contestant. The participants were then given a thirty second head-start for collecting their thoughts before giving their one-minute talk. Nine out of the twenty participants were qualified for the second round.



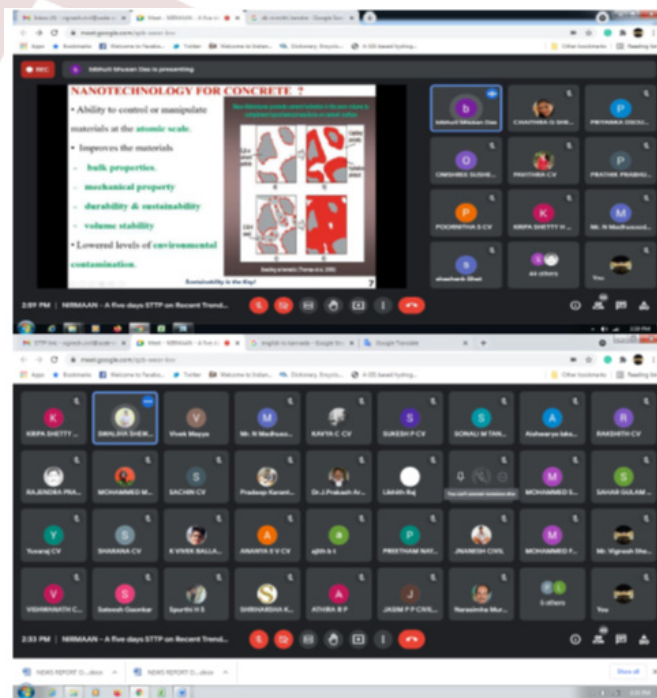
The second round held on 25th May was a pitching round. A common theme/problem statement: "Technology for Lockdown" was announced at the end of round one and the qualified participants from the first round had to prepare a presentation on the said theme and submit them before the second round. They then had to present their idea/solution to the problem statement using their presentation to the judges. The focus of this round was to present a blueprint of the solution in form of a technology that can be adopted during the Lockdown to solve different types of problems in various domains. After an interesting round of some very creative pitching, the event came to a close. Dr. Vasudeva addressed the competitors and congratulated them for their active participation. He urged the

students to be active thinkers and ideators, who provide solutions instead of just "creating problems". Mr. Deepak Rao M also addressed the participants and encouraged them for their brilliant participation and motivated to take similar active participation in future events. Mr. Raunak Choudhary thanked everyone for participating and making the event a successful one. After the tallying of scores, Mr. Aniketh Shenoy (4th semester, CSE Department) was declared as the winner and Mr. Nishith Shetty (4th semester, CSE Department) was announced as the runner-up. The Designing, Media, Marketing and Technical team of the CodeTroopers club helped organize and promote the event.

#### 40. NIRMANN-FIVE DAY ONLINE STTP ON RECENT TRENDS IN CONSTRUCTION PRACTICE

Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udipi in association with ISTE chapter has organized five days Online Short Term Training Program on Recent Trends in Construction Practice from 28th June 2021 to 02nd July 2021 for faculties and research scholars from the various institutions. Dr. Raghavendra Holla, MIT, Manipal inaugurated the program and addressed the participants on Artificial Intelligence and Building Information modeling in Civil Engineering practice and motivated the students to diversify their skills in advancement. Mr. Shashi G Nayak Dubai, Director & Architect from Shristi Ventures Padubidri gave deep insights on innovative wall construction technology, which is time efficient, economical and also less impact on the environment. Dr. B B Das Associate Professor, NITK Surathkal stressed upon the advancement in research area and explained the hydration and microstructure properties of Nanosilica admixed sustainable cementitious Mortar. Recycling of construction and demolition waste and its application in various fields in construction was elaborated meticulously by Mr. Rajendra Kalabhavi, Executive Director, Dakshina Kannada Nirmithi Kendra, Surathkal. On the last day of training, Mr. Vivek Mayya, Co-partner of Samruddhi Associates Mangalore demonstrated the Low cost house construction by brick join technology and other innovative ideas were discussed during his presentation.

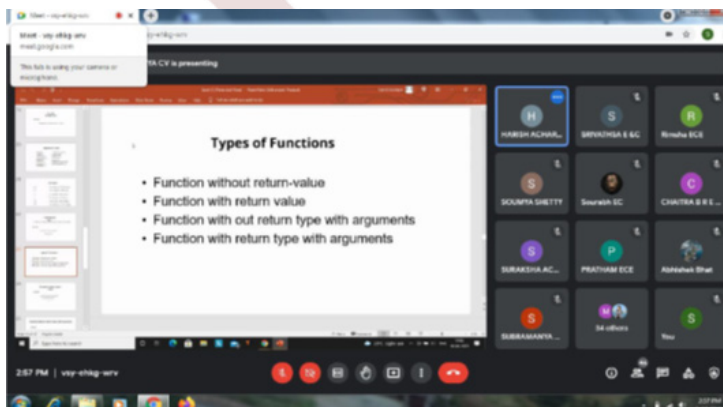
Dr. Thirumaleshwara Bhat, Principal, Dr. Sandeep J Nayak, HoD were present on the occasion. Mr. Vignesh Shenoy and Mr. Sooraj Kumar coordinated the program, Students of Civil Engineering department compeered the program. More than 100 faculties and research scholars have participated in this event.



#### 41. INTRODUCTION TO DART LANGUAGE FOR MOBILE AND WEB APP DEVELOPMENT

The Department of ECE in association with ISTE student chapter have organized online session on "Introduction to DART language for mobile and web app development", by student technical team "Team Tech warriors" on Friday 18 June, from 2:00 pm to 4:00pm. In the session Mr. Harish gave the brief introduction about data types, functions of DART and applications using dart language. He also demonstrated few coding using DART. He introduced the use of DART in web and mobile applications At the end quiz was conducted by Mr.Srivathsa using mentimeter for the participants. Students of first, second and third years of various branches participated and interacted in the event.

Ms. Sriraksha introduced the students speaker's Mr. Harish and Mr.Srivathsa. The event was coordinated by Mr. Chetan R, coordinator of ISTE and Ms. Shashikala R, ISTE office bearer. The ISTE team would reckon the support extended by HOD of ECE for the smooth conduction of the event.



#### 42. VISTAARA 2021-VALUE ADDED COURSE

Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udipi in association with ISTE student chapter has organized two days Value added course (VISTAARA-2021) from 16th July 2021 to 17th July 2021 for Students, staff & faculty

members of Govt. polytechnic Karwar.

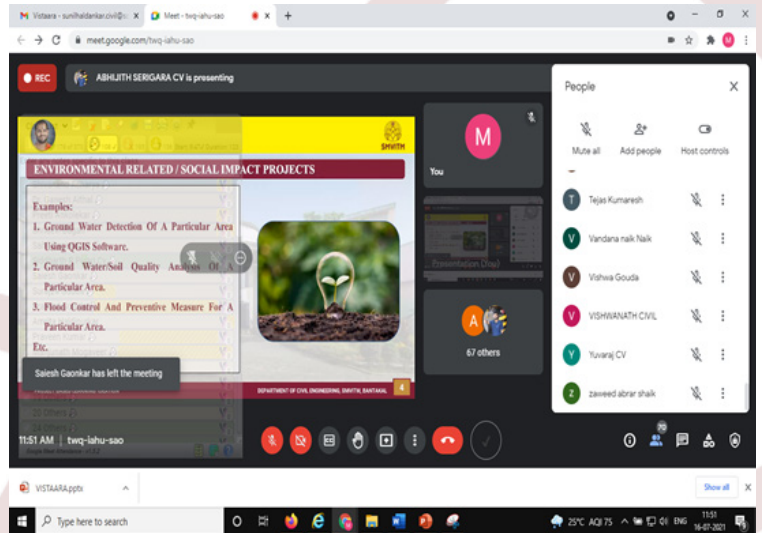
Dr. Thirumaleshwara Bhat, Principal Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, inaugurated the program and addressed the participants on value added course and appealed the participants to diversify their skills in advancement. Mr. Sunil Haldankar, Assistant Professor (Sr.), Civil Engineering welcomed the gathering.

The inaugural function was followed by a Chief guest address on "Latest happenings in Engineering" by Dr. H Shivakumar, VTU Special officer, Mangalore region. Speaking on the occasion, Dr. H Shivakumar, appreciated the efforts of the institute for having organized this type conference which is very much relevant in the fast-growing science and technology. He gave insights on values added course which broadens the knowledge of students and gives opportunities in these areas to develop newer technologies.

On Day-2 Er. Anirudh Rao Managing director, Projectile consultants Pvt. Ltd Mangaluru. delivered a Key note session. On "Digital construction technology" in which he elucidated New age construction advancement, Robotics and AI in construction and its application and innovative ideas were discussed during his presentation. There are so many opportunities in these areas to develop newer technologies. He also stressed the importance of taking forward the student projects and academic research works into innovations.

The resource person of two day Value added program are Dr. Sandeep J. Nayak, Head of Department of Civil Engineering, Dr. Sachin Bhat, Head of Electronics and Communication Engineering, Mr. Madhusoodhana Rao, Senior Assistant Professor, Civil Department, Ms. Deepika B V, Senior Assistant Professor, Civil Department, Mr. Roshan Kotian, Assistant Professor, Civil Department and Mr. Abhijit and team final year students of Civil Engineering.

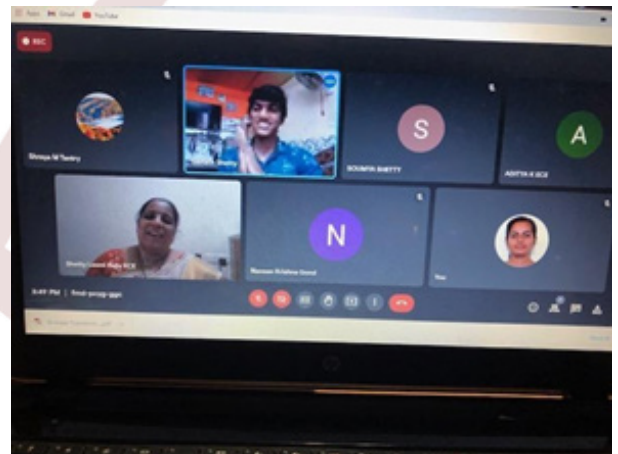
Dr. Thirumaleshwara Bhat, Principal, Dr. Ganesh Aithal, Vice Principal, Dr. Sudharshan Rao, Dean IQAC, Dr. Sandeep J Nayak, HoD were present on the occasion. Mr. Sunil Haldankar Coordinated the program, Students of Civil Engineering department compered the program. More than 100 Students, staff & faculty members participated in this event.



### 43. CRACK IT & FACE IT-BE SOO GOOD THAT THEY CAN'T IGNORE YOU

The Department of Basic science, SMVITM, Bantakal in association with ISTE Student Chapter organized a competition on "CRACK IT & FACE IT" for first-year students. First-round (Aptitude Test) was held on 16/07/2021, 3.30-4.00 p.m. Total 74 students participated. Out of those 13 students were selected for the second round. There were 25 questions in this round. The second round ( GD/Debate ) was on 20/07/2021, 3.00-4.45 p.m. In that total 5 students were selected. Debate /GD was conducted for 6 topics , 2 contestants per each topic. The third round (Interview) was on 22/07/2021, 3.00-4.00 p.m. This competition was meant for guiding the students to face mock placement interviews including aptitude, GD/Debate round till HR interview.

Ms. Laxmi Shetty has given tips to contestants in the final round after the judgement. It really helped the students to think about how to face the real interview. This competition was coordinated by ISTE student coordinator Mr. Aditya K. Mrs. Renita Sharon Monis, Sr.Assistant Professor,Department of Mathematics, organized the overall competition.



### 44. TECH-TALK

Department of ECE in association with ISTE student chapter is organized the virtual Intra-collegiate technical event "TECH-TALK" for students of all branches on 3 Aug 2021 at 10:00 AM. TECH-TALK enabled the students to assimilate latest technical aspects and disseminate them in the presentation, and also which helped them to keep update in the technological era.



# PAPER CUTTINGS

## ಉದಯವಾಣಿ

### ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಬೋಧನಾ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಾಗಾರ

**ಶಿಬಿರ, ಡಿ. 29:** ಬಂಟಕಲ್ಲು ತ್ರೀ ಮಧ್ಯ ವಾರಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಅಧ್ಯಯನದಲ್ಲಿ ಸಂಸ್ಥೆಯ ಐಎಸ್‌ಟಿಎಂ ಬೋಧಕ ಫಲಿತದ ಸಹಯೋಗದೊಂದಿಗೆ ವಿದ್ಯಾರ್ಥಿ ವಿಭಾಗದ ಕ್ಷೇತ್ರದಲ್ಲಿ ಇತ್ತೀಚಿನ ಬೆಳವಣಿಗೆಗಳು ಎಂಬ ವಿಷಯದಲ್ಲಿ 5 ದಿನಗಳ ಬೋಧನಾ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಕ್ರಮವು ಡಿ. 23ರಿಂದ 27ರವರೆಗೆ ನಡೆಯಿತು.

ಮುಖ್ಯಸ್ಥ ಡಾ|| ವಾಸುದೇವ ಅಪ್ಪಯ್ಯ ಉದ್ಯಾನ ನೆರವೇರಿಸಿದ್ದರು. ಸಂಸ್ಥೆಯ ಅಧಿಕಾರಿಗಳ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಫೋನ್ ಎನ್ಟಿ ಸೋಲೂಷನ್ಸ್‌ನ ನಿರ್ದೇಶಕ ಗಿರಿಶ್ ಬಾಬ್, ಬಾಗೇಪಲ್ಲಿ ಕಾರ್ಪೊರೇಷನ್ ಸಂಸ್ಥೆಯ ಡಾ|| ಅಶೋಕ್ ಶೆಟ್ಟಿ, ಬಿಎಸ್ ಎಂ ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದ ಡಾ|| ಸಿಬಿಲ್ ಸಂಶೋಧಕ ನಿರೀಷ್‌ಕರ್, ಮ್ಯಾಜಿಸ್ಟ್ರೇಟ್ ವಿವಿಧ ಡಾ|| ಪ್ರವೀಣ್ ಜಿ. ವಿ. ಮತ್ತು ಸಂಸ್ಥೆಯ ಗಣಕಯಂತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ|| ಜಾಗಣ್ ಫಿಲ್ ಸಂವಹನ ಅಧಿಕಾರಿ ಭಾಗವಹಿಸಿದರು.

ಜಿ. 27ರಂದು ನಡೆದ ಸಮರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಸಂಸ್ಥೆಯ ಡೀನ್ ಡಾ|| ಸುರೇಶ್‌ಕರ್ ರಾಜ್ ಮಾತನಾಡಿದರು. ಕಾರ್ಯಕ್ರಮವನ್ನು ಗಣಕ ಯಂತ್ರ ವಿಭಾಗದ ಸಹವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಡಾ|| ರಾಜೇಶ್‌ವರಿ ಕ್ರಿಸ್ತದಾಸ್ ಮಂಜುನಾಥ ಎ. ಎಸ್. ಮತ್ತು ಐಎಸ್‌ಟಿಎಂ ವಿಭಾಗ ಸಂವಹನಕೆ ಸೈದಾ ಎಸ್.ಎಸ್ ಸಂವಹನಿಸಿದ್ದರು.

### ಬಂಟಕಲ್ಲು: ರಾಷ್ಟ್ರೀಯ ವಿಜ್ಞಾನ ದಿನಾಚರಣೆ

**ಶಿಬಿರ, ಡಿ. 28:** ಬಂಟಕಲ್ಲು ತ್ರೀ ಮಧ್ಯ ವಾರಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಿಜ್ಞಾನ ವಿಭಾಗ ಮತ್ತು ಕಾಲೇಜಿನ ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸಹಯೋಗದೊಂದಿಗೆ ಭಾರತೀಯ ಭೌತ ವಿಜ್ಞಾನ ಸರ್ ಸಿ.ವಿ. ರಾಮನ್ ಅವರ ಜೀವನದ ರಾಷ್ಟ್ರೀಯ ವಿಜ್ಞಾನ ದಿನಾಚರಣೆಯ ಆಂಗವಾಗಿ ನ್ಯೂನೀ ತಂತ್ರಜ್ಞರ ಮೆಚ್ಚುಗೆಯಿಂದ ಅಧ್ಯಯನಗಳು ಎಂಬ ವಿಷಯದ ಬಗ್ಗೆ ವಿಶೇಷ ಉದ್ಘಾಟನೆ ಡಿ. 26 ರಂದು ಕಾಲೇಜಿನ ಸಭಾಂಗಣದಲ್ಲಿ ನಡೆಯಿತು.

ಉದ್ಘಾಟನೆ ನಿರೂಪಿಸಿದ ನ್ಯೂನೀ ತಂತ್ರಜ್ಞರ ಅಧಿಕಾರಿಯಿಂದ ದೇಶದ ಸಾಮಾಜಿಕ-ಆರ್ಥಿಕ ಸ್ಥಿತಿಯಲ್ಲಿ ಆಗಲಿರುವ ಬದಲಾವಣೆಯ ಬಗ್ಗೆ ವಿವಿಧ ವಿಜ್ಞಾನ ಕ್ಷೇತ್ರದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ವಿವಿಧ ಅಭಿಪ್ರಾಯಗಳನ್ನು ವ್ಯಕ್ತಪಡಿಸಿ ನ್ಯೂನೀ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿದರು. ನ್ಯೂನೀ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿದರು. ಭೌತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು ಡಾ|| ಡಿ. ಕೃಷ್ಣ ಭಟ್ ಉದ್ಘಾಟನೆ ನಿರೂಪಿಸಿದರು.

ಉದಯವಾಣಿ Mon, 01 March 2021 <https://epaper.udayavani.com/c/56>

### ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು ಆನ್‌ಲೈನ್ ಬೋಧನೆಯಲ್ಲಿ ಎಕ್ಸ್‌ಪಿ ಪೆನ್‌ನ ಬಳಕೆ: ಕಾರ್ಯಾಗಾರ

**ಶಿಬಿರ, ಡಿ. 28:** ಬಂಟಕಲ್ಲು ತ್ರೀ ಮಧ್ಯ ವಾರಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಕ್ರ ಎಸ್ ವಿಭಾಗವು ಕಾಲೇಜಿನ ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸಹಯೋಗದೊಂದಿಗೆ ಸಂಸ್ಥೆಯ ಪ್ರಾಧ್ಯಾಪಕರ ಅನುಕೂಲಕ್ಕಾಗಿ ಆನ್‌ಲೈನ್ ಬೋಧನೆಯಲ್ಲಿ ಎಕ್ಸ್‌ಪಿ ಪೆನ್‌ನ ಬಳಕೆಯ ಕುರಿತು ಅಧಿಕಾರಿಗಳ ಕಾರ್ಯಾಗಾರವನ್ನು ನಡೆಯಿತು.

ಕಾರ್ಯಕ್ರಮದ ಸಂವಹನ ಅಧಿಕಾರಿ ಡೀನ್ (ಕಾರ್ಯದರ್ಶಿ ಅಶೋಕ್ ಶೆಟ್ಟಿ) ಡಾ|| ಸುರೇಶ್‌ಕರ್ ರಾಜ್ ಆನ್‌ಲೈನ್ ಬೋಧನಾ-ಕಲಿಕೆಯಲ್ಲಿ ಬಾಗೇಪಲ್ಲಿ ಸಾಫ್ಟ್‌ವೇರ್ ಬಳಕೆಯ ಕುರಿತು ಮತ್ತು ಸಂಸ್ಥೆಯ ಯಾಂತ್ರಿಕ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಸುಧೀರ್ ಎಸ್.ಪಿ ಪನ್/ಜಾಮ್ ಬೋರ್ಡ್ ಬಳಕೆಯ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿದರು.

ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸದಸ್ಯರಾದ ರೆನಿಷಾ ಶರಣೀಶ್ ಬೋಧಿಸಿ ಕಾರ್ಯಕ್ರಮವನ್ನು ನಿರೂಪಿಸಿ, ಡಾ|| ವಜ್ರಾ ಕುಮಾರ್ ಪಂದಿಸಿದರು.



## ಉದಯವಾಣಿ

### ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು ಬ್ಯಾಚ್‌ಚೆನ್ ತಂತ್ರಜ್ಞಾನ ಅವಲೋಕನ, ಅನ್ವಯಕಗಳು: ವೆಬಿನಾರ್

**ಶಿಬಿರ, ಡಿ. 28:** ಬಂಟಕಲ್ಲು ತ್ರೀ ಮಧ್ಯ ವಾರಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಿಜ್ಞಾನ ವಿಭಾಗದ ಅಧ್ಯಯನದಲ್ಲಿ ಸಂಸ್ಥೆಯ ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸಹಯೋಗದೊಂದಿಗೆ ಅಧಿಕಾರಿಗಳ ಮತ್ತು ಅಧ್ಯಯನಗಳು ಎಂಬ ವಿಷಯದ ಬಗ್ಗೆ ವಿಶೇಷ ಉದ್ಘಾಟನೆ ಡಿ. 26 ರಂದು ಕಾಲೇಜಿನ ಸಭಾಂಗಣದಲ್ಲಿ ನಡೆಯಿತು.

ಉದ್ಘಾಟನೆ ನಿರೂಪಿಸಿದ ನ್ಯೂನೀ ತಂತ್ರಜ್ಞರ ಅಧಿಕಾರಿಯಿಂದ ದೇಶದ ಸಾಮಾಜಿಕ-ಆರ್ಥಿಕ ಸ್ಥಿತಿಯಲ್ಲಿ ಆಗಲಿರುವ ಬದಲಾವಣೆಯ ಬಗ್ಗೆ ವಿವಿಧ ವಿಜ್ಞಾನ ಕ್ಷೇತ್ರದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ವಿವಿಧ ಅಭಿಪ್ರಾಯಗಳನ್ನು ವ್ಯಕ್ತಪಡಿಸಿ ನ್ಯೂನೀ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿದರು. ನ್ಯೂನೀ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿದರು. ಭೌತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು ಡಾ|| ಡಿ. ಕೃಷ್ಣ ಭಟ್ ಉದ್ಘಾಟನೆ ನಿರೂಪಿಸಿದರು.

ಉದಯವಾಣಿ Sat, 02 January 2021 <https://epaper.udayavani.com/c/57448078>

### ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು ಆನ್‌ಲೈನ್ ಬೋಧನಾ ಕೌಶಲಗಳ ಅಭಿವೃದ್ಧಿ: ಉಪನ್ಯಾಸ

**ಶಿಬಿರ, ಡಿ. 21:** ಬಂಟಕಲ್ಲು ತ್ರೀ ಮಧ್ಯ ವಾರಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಕ್ರ ಎಸ್ ವಿಭಾಗವು ಕಾಲೇಜಿನ ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸಹಯೋಗದೊಂದಿಗೆ ಅಧ್ಯಾಪಕರ ಅನುಕೂಲಕ್ಕಾಗಿ ಆನ್‌ಲೈನ್ ಬೋಧನಾ ಕೌಶಲ ಅಭಿವೃದ್ಧಿ ಎಂಬ ವಿಷಯದ ಬಗ್ಗೆ ತಾಂತ್ರಿಕ ಉಪನ್ಯಾಸವನ್ನು ಸಂಸ್ಥೆಯ ಸಭಾಂಗಣದಲ್ಲಿ ನಡೆಯಿತು.

ಸಂವಹನ ಅಧಿಕಾರಿ ಡೀನ್ (ಕಾರ್ಯದರ್ಶಿ ಅಶೋಕ್ ಶೆಟ್ಟಿ) ಡಾ|| ಸುರೇಶ್‌ಕರ್ ರಾಜ್ ಆನ್‌ಲೈನ್ ಬೋಧನಾ-ಕಲಿಕೆಯಲ್ಲಿ ಬಾಗೇಪಲ್ಲಿ ಸಾಫ್ಟ್‌ವೇರ್ ಬಳಕೆಯ ಕುರಿತು ಮತ್ತು ಸಂಸ್ಥೆಯ ಯಾಂತ್ರಿಕ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಸುಧೀರ್ ಎಸ್.ಪಿ ಪನ್/ಜಾಮ್ ಬೋರ್ಡ್ ಬಳಕೆಯ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಿದರು.

ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸದಸ್ಯರಾದ ರೆನಿಷಾ ಶರಣೀಶ್ ಬೋಧಿಸಿ ಕಾರ್ಯಕ್ರಮವನ್ನು ನಿರೂಪಿಸಿ, ಡಾ|| ವಜ್ರಾ ಕುಮಾರ್ ಪಂದಿಸಿದರು.

### ಬಂಟಕಲ್ಲು ತಾಂತ್ರಿಕ ಕಾಲೇಜು: ಬೋಧನಾ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಾಗಾರ

**ಶಿಬಿರ, ಡಿ. 1:** ಬಂಟಕಲ್ಲು ತ್ರೀ ಮಧ್ಯ ವಾರಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಿಜ್ಞಾನ ವಿಭಾಗದ ಅಧ್ಯಯನದಲ್ಲಿ ಸಂಸ್ಥೆಯ ಐಎಸ್‌ಟಿಎಂ ಫಲಿತದ ಸಹಯೋಗದೊಂದಿಗೆ ಅಧಿಕಾರಿಗಳ ಮತ್ತು ಅಧ್ಯಯನಗಳು ಎಂಬ ವಿಷಯದ ಬಗ್ಗೆ ವಿಶೇಷ ಉದ್ಘಾಟನೆ ಡಿ. 28 ರಂದು ಕಾಲೇಜಿನ ಸಭಾಂಗಣದಲ್ಲಿ ನಡೆಯಿತು.

ಉದ್ಘಾಟನೆ ನಿರೂಪಿಸಿದ ನ್ಯೂನೀ ತಂತ್ರಜ್ಞರ ಅಧಿಕಾರಿಯಿಂದ ದೇಶದ ಸಾಮಾಜಿಕ-ಆರ್ಥಿಕ ಸ್ಥಿತಿಯಲ್ಲಿ ಆಗಲಿರುವ ಬದಲಾವಣೆಯ ಬಗ್ಗೆ ವಿವಿಧ ವಿಜ್ಞಾನ ಕ್ಷೇತ್ರದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ವಿವಿಧ ಅಭಿಪ್ರಾಯಗಳನ್ನು ವ್ಯಕ್ತಪಡಿಸಿ ನ್ಯೂನೀ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿದರು. ನ್ಯೂನೀ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಿಳಿಸಿದರು. ಭೌತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು ಡಾ|| ಡಿ. ಕೃಷ್ಣ ಭಟ್ ಉದ್ಘಾಟನೆ ನಿರೂಪಿಸಿದರು.

ಉದಯವಾಣಿ Sat, 02 January 2021 <https://epaper.udayavani.com/c/57448078>

## ISTE ACHIEVEMENTS

### 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**

