



## **VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –**

### **Kilimanoor**

**“A Unit of Vidya International Charitable Trust”**

## **Wednesday News**

**Issue No:117 1<sup>st</sup> December to 31<sup>th</sup> December,2020**

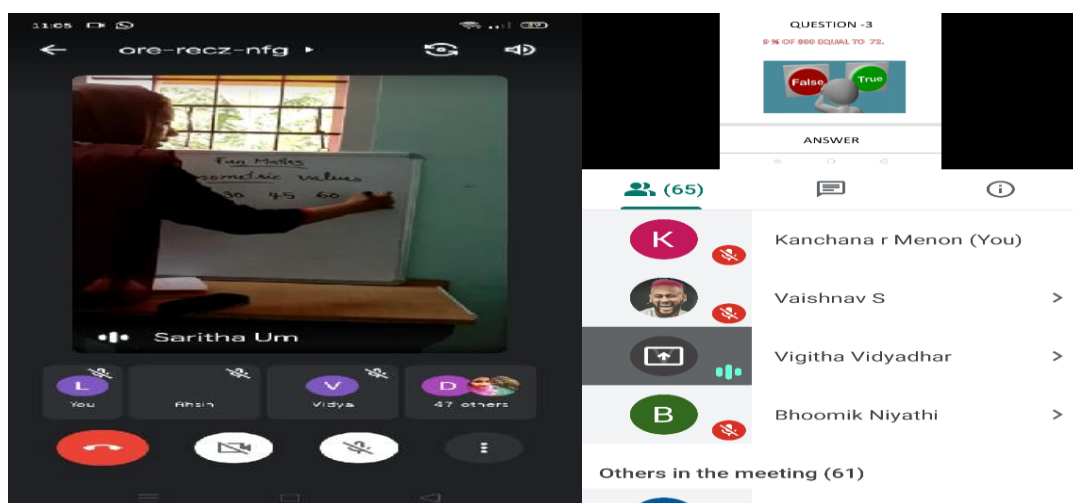
### **Events/Talks/Seminars/Conferences**

#### **❖ INDUCTION PROGRAM 2020**

As per the guidelines from the KTU, Induction Program was conducted in the week from 30th November to 5th December 2020. It included sessions organised by the university, in which the first year students actively participated. Apart from the KTU sessions, the following session was conducted from the college:

#### **❖ FUN MATHS**

The session on Fun maths was organized on **3<sup>rd</sup> and 4<sup>th</sup> December, 2020** by the Department of Applied Science. The students of Civil engineering department, Mechanical department, Computer Science department, Electronics and Communication Engineering, and Electrical and Electronics department were engaged in their fun maths session with full energy. The session was handled by **Ms Saritha U.M (Asst. Prof. - AS)** and **Ms. Vigitha Vidyadhar (Asst. Prof. - AS)**. The response from students was overwhelming. Some screenshots from the session are included:





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**❖ SESSION ON “PROGRAMMING AND PLACEMENT”**  
**ORGANIZED BY DEPARTMENT OF ELECTRONICS AND**  
**COMMUNICATION ENGINEERING**

The Department of Electronics and Communication Engineering of VAST TC organized a technical session on *Programming and Placement for* the seventh semester students of ECE department through Google Meet form on **4<sup>th</sup> December, 2020**. The resource person was **Mr. Rajesh G (Asso.Prof- ECE), VAST TC**. The objective of the session was to guide students in preparing for recruitment drive in which programming skills play major role. The students got an in-depth knowledge on what are the job roles available related to computer field, and the must know programming languages.

**✧ PROGRAM OBJECTIVES**

- Give students the confidence to prepare for recruitment drive.
- Make the students aware of the current scenario/job opportunities in Computer industry.
- Understanding the skills required for a new employee in software field.

**Mr. Rajesh G.R. (Asso.Prof- ECE)** was the Training Provider as he has fair experience in taking programming classes as part of curriculum and other workshops. 23 students of S7 ECE attended in the session. The session for S7 students started at 4 PM. **Ms. Sreejitha S.G. (Asst.Prof-ECE)** welcomed the resource person and students to the session. The session started with introducing the available jobs in computer industry in which most of them were not familiar to the students. The detailed description of each job and the requirements of job role were clearly mentioned during the session. Some of them were 3D animation or graphic design, Customer service, Database, Electronics engineer, Network or System Administrator, Security expert, Webmaster or Web designer. The key skills which programmer should learn and Top 8 Programming Languages which will improve the chance of employability were discussed. Some of the Languages are Python, Java, Ruby, MATLAB, SQL.

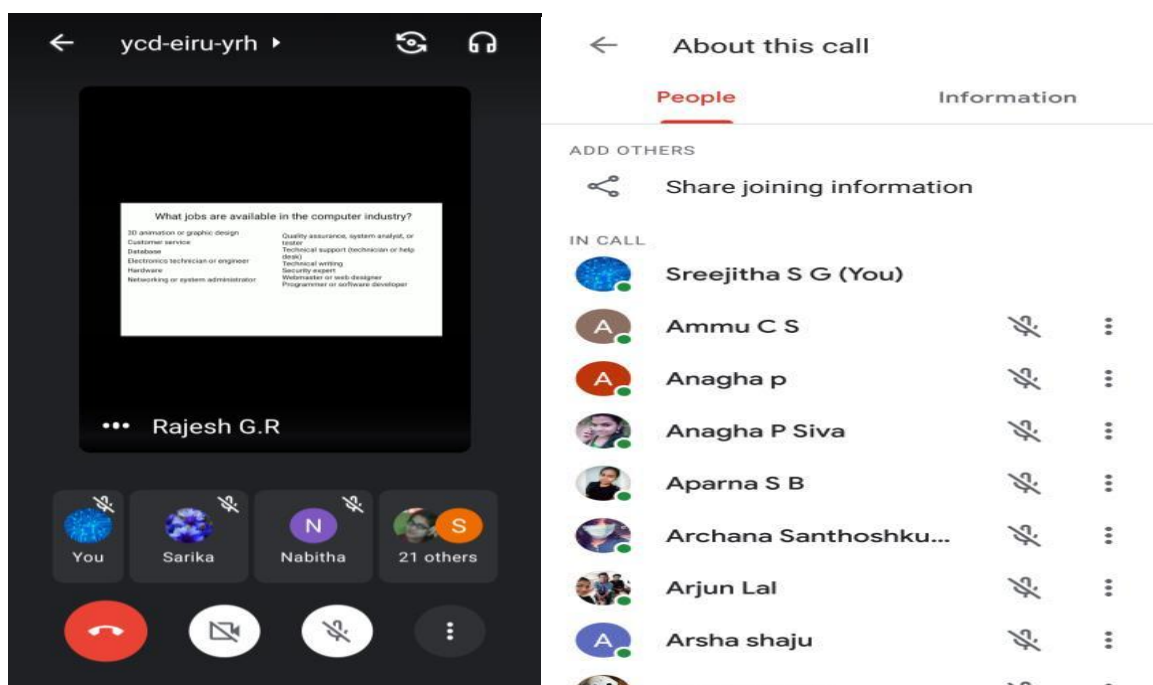


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### ❖ **PROGRAM OUTCOMES**

- Know the job requirement as per current industrial trend.
- Understand the field where students are lacking and to improve their knowledge in that field.
- Familiar with programming languages widely used.
- Choose the right path for employability in future.



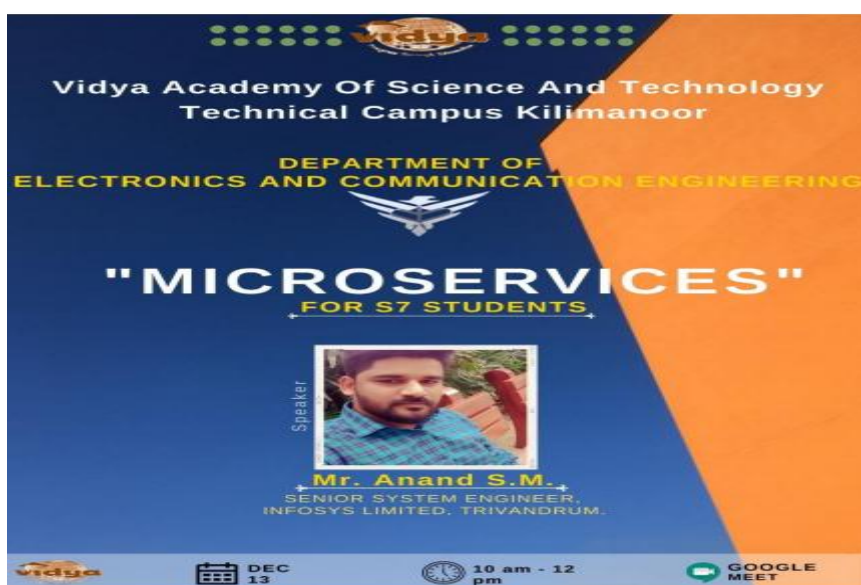
The students were highly motivated and interested throughout the session. Most of them had many doubts regarding “what to do next?” which were perfectly cleared during the session. Those who have interest in programming were able to identify the job title which suits them and those who have less knowledge in programming took the session as a stepping stone to build Knowledge in programming world.



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❖ **WEBINAR ON MICROSERVICES ORGANISED BY DEPT. OF ECE**

The Department of ECE conducted a webinar on “**Microservices**” for the S7 ECE students on 13<sup>th</sup> December, 2020. Microservices Architecture is introducing the concept of developing functionality as a number of small self-contained services. This intends to clarify the implications of adopting this approach, appropriate usage, and how micro services can change an organization’s approach to integration and delivering functionality through the digital channel. **Ms. Sreejitha S G (Asst. Prof- ECE)** coordinated the program under the guidance of Head of the Department, **Dr. Neethu Raj R.** The session started with an introduction by **Ms. Anjana N (Asst. Prof- ECE)**. There were 24 students from S7 ECE as participants. Mr. Anand S.M. Senior System Engineer, Infosys Limited, Trivandrum delivered the lecture. The resource person is an Engineering graduate in Electronics and Communication Engineering. He joined as System Engineer Trainee soon after his Graduation through placement. Now he is senior system engineer. The course content delivered in the webinar is as follows: Comparison between Monolithic Architecture and Microservice Architecture was discussed in this session. The Speaker of the Session Mr. Anand S.M. presented the keynote address on “Microservices”.





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He discussed the basic concepts used in the technology relating with best suitable real life examples which are essential for the understanding of technology. He projected a clear understanding of the importance of Microservices and challenges in the Monolithic Architecture. He inspired the audience by lively interacting on topics such as new trends in android application development. He discussed about pros and cons of Monolithic Architecture and Microservice Architecture. He emphasized on Full Stack Developer career opportunities in India and global market and gaining practical mastery over programming through a hands-on project. He projected on comprehending the theoretical concepts and relating to the practical aspects of Microservices. Also the feedback about the session was collected from all the participants to improve the sessions that will be conducted in the mere future. The program was arranged with the motive of sharing the knowledge and practical experience of Mr. Anand S.M. The webinar was helpful and it satisfied the participants.

**❖ “GROUP TUTOR SYSTEM AND COUNSELLING” ORGANIZED  
BY VIDYA STUDENT SUPPORT CELL, VAST TC**

Vidya Student Support Cell (VSSC) is a forum, initiated by the management, to provide additional academic as well as emotional support to needy students. To equip the faculty to effectively counsel students, this academic year VSSC conducted a Faculty development programme on “Group Tutor System and Counselling” for those who have less than three-year experience and not attended this session by VSSC yet. Twenty-one faculties were identified and the session was conducted at Mechanical Seminar Hall, VAST TC on **15<sup>th</sup> December ,2020** from **11AM to 12PM**.

**✧ PROGRAM OBJECTIVES**

- To introduce VSSC to newly joined faculty.
- To familiar the functioning of VSSC.
- To explain Group Tutor system.
- Explain the detailed guidelines to Group Tutors.



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- Discuss Counselling process and purpose.
- Importance of VSSC during this pandemic.

✧ **RESOURCE PERSON and PARTICIPANTS**

**Ms. Sreejitha S.G.(Asst.Prof-ECE)**, Chief Coordinator VSSC, VAST TC handled the session. Nineteen faculty members from various departments attended the session.

✧ **SESSION DETAILS.**

- The session for newly joined faculty started at 11 AM on 15<sup>th</sup> December 2020 at Seminar hall. The chief coordinator, VSSC handled the session in which nineteen faculties attended. It started with general introduction about VSSC and its activities. Then introduced Group tutor system whereby a group of twenty-two students are put under the patronage of a faculty member designated as the 'group tutor'.
- After which the functioning of VSSC was described with the help of a flow chart.
- Covered Primary responsibilities of Group Tutor, Report maintaining, submission of monthly report to Department coordinator, attention to students who has academic deviation.
- Intention and frequency of PTA meeting were discussed. General Functions of VSSC also explained.
- Introduced different department coordinators to whom each group tutor must submit the monthly report.

Branch	Coordinator
CE	Ms. Anju S.
CSE	Ms. Beena V.R.
ME	Mr. Aswin M. Menon
ECE	Ms. Sreejitha S.G.
EEE	Ms. Divya Sabu
AS	Ms. Lekshmipriya



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❖ Guidelines to Group Tutor was explained

- Group Tutors should closely monitor the regularity & performance of every student under him/her.
- Group Tutors should keep a file to record the continuous evaluation (academic as well as personal details) for each student under him/her.
- Group Tutors to meet every student personally once in two weeks and to update his/her status regularly.
- Group Tutors to meet every student after the publication of result (series test or university result) and counselling report to be made accordingly.
- Case of deviation of academic performance/ Shortages of attendance should be given special attention and to be brought to the notice of parents and VSSC coordinator.
- After series test those who require academic support are to be listed and action to be taken for remedial classes.
- After first & second series PTA meetings to be conducted for each class. Appreciation for toppers in series examinations to be done during PTA meeting.
- Students with three or more subject's failures should be given special counselling classes by the tutor or by the Counsellor as per the requirement.
- Group Tutors can meet the counsellor personally if they require any assistance while interacting with the students.
- Group Tutors of respective Classes should meet monthly.
- Monthly counseling report (soft copy) by Group Tutors to be submitted to Dept. VSSC coordinator as well as to the concerned HoDs.
- The Dept. Coordinators should submit the report to VSSC Chief Coordinator.
- The VSSC Chief coordinator to submit the final report to the Principal.

❖ **PROGRAM OUTCOMES**

- The functioning of VSSC and Group Tutor system was made clear.
- Faculty understood the role of group tutor in mentoring students under his/her tutorship.





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- Understood the importance of record keeping and meeting report submission.
- Understood activities of VSSC during and after Series Test, University examination and guidelines to group tutor.
- Faculty understood the importance of counseling students and parents to identify the issues due to online classes and how to support them.

### **GLIMPSES OF THE SESSION**



Faculty found this session to be useful as many of them are freshers. Being a tutor in this online world, this session gave them a support and guidance to handle students. Some of them had doubts regarding “How and when to meet students”, “How to record meeting details”, “Records and confidentiality” and these were cleared during the session. This was a proper guidance to tutors as contact classes are about to start and new faculty are going to meet the students for the first time.

### **❖ APTITUDE SESSION FOR S7 EEE**

As part of the Programs planned for the academic year 2020, an aptitude session for the final year students was conducted on **5<sup>th</sup> December, 2020**. The session was planned for 3:00 -4:00 PM and was extended to 4:30 PM. The session was handled by Ms. Dhanya S Lal, via Google meet.

The following topics were covered

1. Blood relations
2. Directions



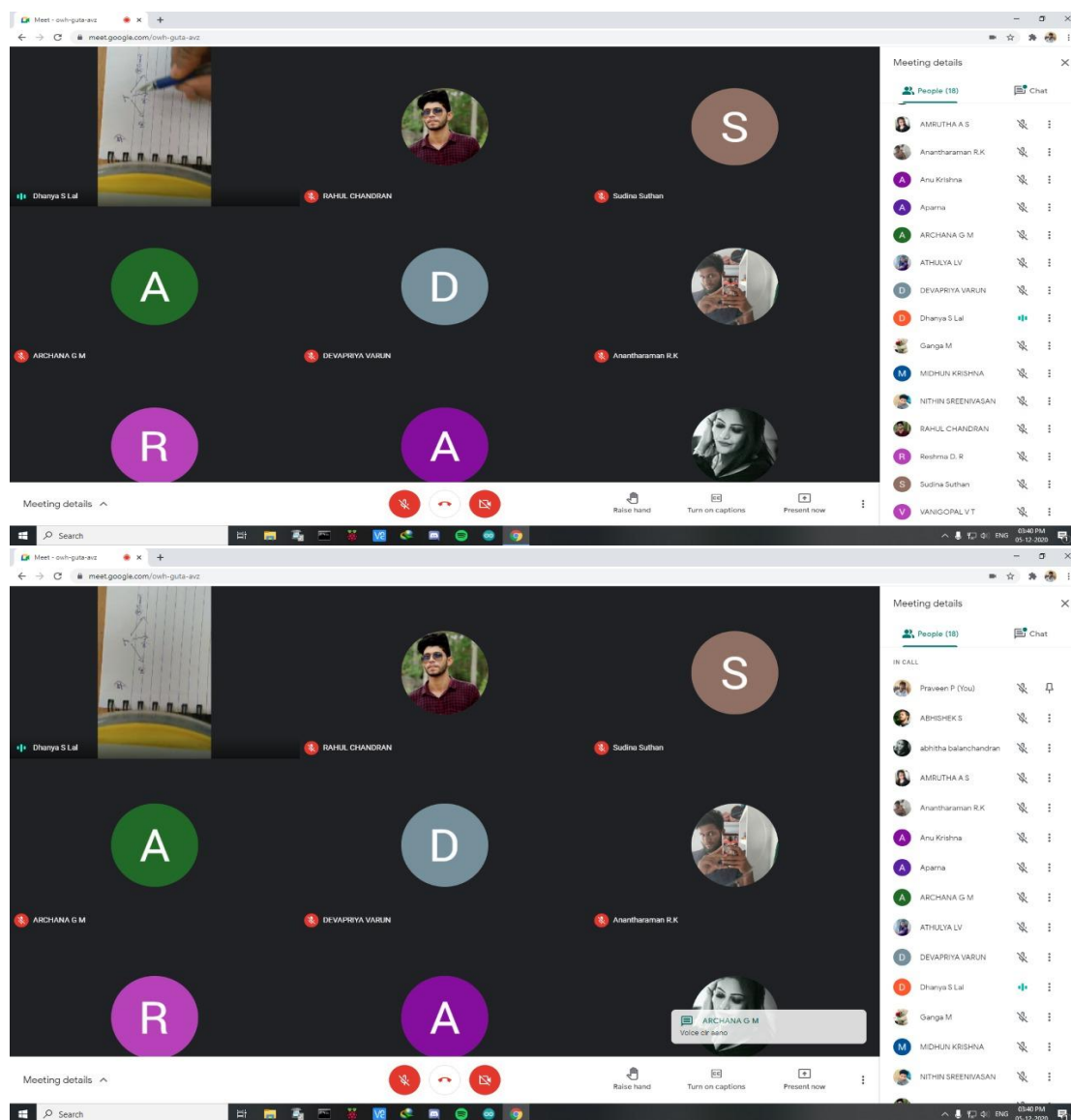


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3. The topics are selected as per the suggestions from students. Soft copy of the relevant topics and questions was being shared before the session.

Pictures of the session :



## **❖ CHRISTMAS CELEBRATION**

The Department of Electrical and Electronics Engineering, VAST TC organized, **Christmas Celebration** for first year EEE students on **18<sup>th</sup> December , 2020 at 3.15 pm** under the guidance of **Dr. M C John Wiselin (HoD- EEE)**. The programme started at 3.15

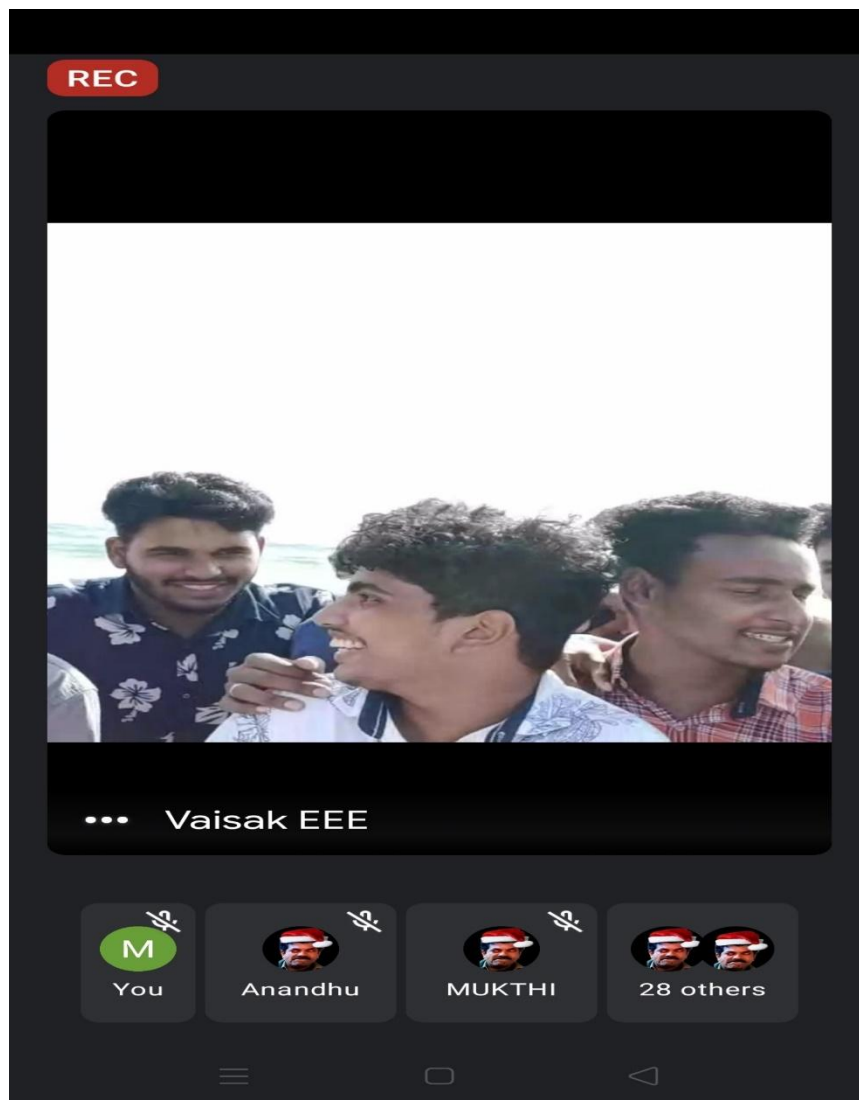


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pm in google meet with 37 students organized by staff advisors Ms. Asna S Asok & Ms. Dhanya S Lal and the student coordinators were Vaishak B and Muhisina Navas.

The Programme Started with a group song by Mukthi S Mohan, Muhisina Navas, Jisha S Babu, Mubeena N and Gouthami S Kanth, followed by a song of Vaishak B. Krishna Biju, Hussain and Gouthami S Kanth. Then demo video released which was prepared by Jisha S Babu. All the students shared their wishes and experience each other and ended with a group song by Vaishak B , Hussain, Pranav S Nair, Anandhu Suresh.

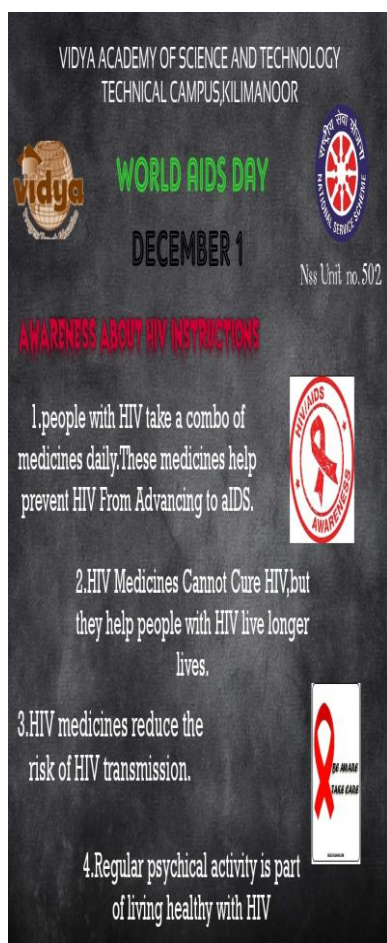




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**❖ ‘WORLD AIDS DAY – POSTER MAKING COMPETITION’**

The volunteers of NSS Unit VAST TC organized a poster making competition on the topic “World AIDS Day”, as part of World AIDS Day observance on **1<sup>st</sup> December, 2020**. The event received a huge response from a lot of students who made posters with instructions to create awareness. All the entries were posted on the official instagram page of our NSS Unit. The winners were awarded certificates.



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TECHNICAL CAMPUS, KILIMANOOR

**WORLD AIDS DAY**  
**DECEMBER 1**



**POSTER  
MAKING  
COMPETITION**





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### **❖ CAST YOUR VOTE WITH CARE**

The volunteers of NSS Unit VAST TC have created and circulated a poster with precautions which are to be followed while you participate in the Election 2020. The instructions, given in both Malayalam and English languages, are meant to be strictly followed while you cast your votes during this unfortunate times.

**വിദ്യാ അക്കാദമി ഓഫ് സയൻസ് ആൻഡ് ടെക്നോളജി, ടെക്നിക്കൽ ക്യാമ്പസ് കിലിമാനൂർ.**

**വോട്ടർമാരുടെ ശ്രദ്ധക്ക്....**

- പോളിംഗ് ബൂത്തിലേക്ക് പോവുമ്പോൾ സ്വന്തം പേന ഉപയോഗിക്കാൻ ശ്രദ്ധിക്കണം.
- മാസ്ക് മുക്കും വായും മറയ്ക്കുന്ന തരത്തിൽ ശരിയായി ധരിക്കുക.
- ബൂത്തിന്റെ അകത്ത് വെച്ച് കൈ മുഖത്ത് സ്പർശിക്കാൻ പാടില്ല.
- അധികൃതർ പറയാതെ വോട്ടിംഗ് യന്ത്രത്തിൽ തൊടരുത്.
- വോട്ട് ചെയ്യുന്നതിന് മുൻപും ശേഷവും കൈകൾ സാനിടൈസർ ഉപയോഗിച്ച് കഴുകുക.

### **❖ ‘Light A Candle Challenge’ On World Energy Conservation Day**

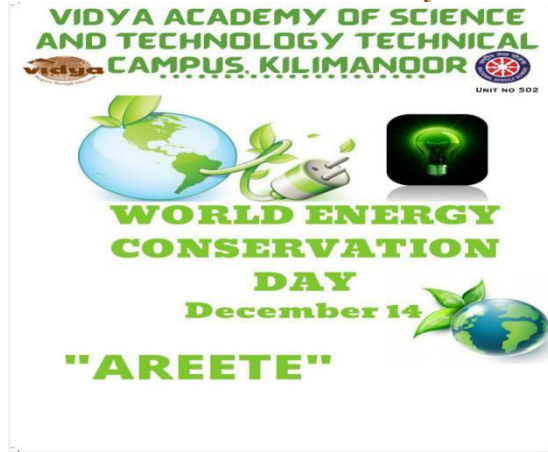
The volunteers of NSS Unit VAST TC organized a ‘Light a Candle Challenge’ as part of their initiative to spread awareness on the importance of **WORLD ENERGY CONSERVATION DAY** on **14th December, 2020**. The event received a huge response from a lot of students and teachers who sent in lots of photographs of them participating in the event. All the entries were posted on the official instagram page of our NSS Unit.





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❖ **ACHIEVEMENTS OF STAFF**

❖ **FACULTY DEVELOPMENT PROGRAM**

- **Ms Beena V R** (Asst Prof- CSE) attended an AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 26th December, 2020 to 30th December, 2020 at National Institute of Technology Puducherry.







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**❖ ACHIEVEMENTS OF STUDENTS**

- **Shahna S of S7 CSE** is placed at one of the largest MNCs , Tata Consultancy Services as Assistant Systems Engineer with an annual package around 3.5 LPA. She received this offer through TCS Ninja Interview, the off campus recruitment process (National Qualifier Test, followed by Interview) of TCS.



**❖ STUDENTS OF DEPARTMENT OF MECHANICAL ENGINEERING BAGGED FIRST PRIZE**

A team of Mechanical Engineering students - **Vinay V A (S7, ME), Anandu A (S7 ME), Thoufeek NA (S7 ME), Ananthakrishnan P A(S7 ME)** and **Mohammed Arif (S5 ME)** bagged the first Place in the Healthcare category in the ‘**PROJECT PITCHING AND IDEATHON COMPETITION**’, conducted by **Innovation and Entrepreneurship Development Centre (IEDC), Vidya Academy of Science and Technology, Thrissur** in collaboration with World’s Largest Entrepreneurship Summit 2020 organized by **3GIRPS (HQ: IIT Madras Research Park)** and **Inida CEO**



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**Forum** held from **18<sup>th</sup> to 20<sup>th</sup> December 2020**. The students will receive financial/technical assistance of about **12.5k** INR from the Innovation and Entrepreneurship Development Centre (IEDC), Vidya Academy of Science and Technology, Thrissur. The team proposed an idea on ‘**Low-Cost Ultraviolet-C Disinfecting Device for Prevention of Health-care Associated Pathogens in Public Places**’. The team was guided by **Mr. Robin David** (Asst. Prof - ME).

The image displays a certificate of achievement for a project pitching competition. The certificate is from the Vidya Academy of Science and Technology, a unit of Vidya International Charitable Trust. It is titled "PROJECT PITCHING AND IDEATHON" and is conducted by the Innovation and Entrepreneurship Development Centre. The certificate is awarded to a team in the Health Care category for their project idea: "Low Cost Ultraviolet-C Disinfecting Device for Prevention of Health-care Associated Pathogens in Public Places". The team members listed are Vinay V. A., Thoufeek N. A., Anandu A., Ananthakrishnan P. A., and Mohammed Arif. The certificate also features a "WINNER" badge and logos of the participating organizations, including the India CEO Forum and Global Update. To the right of the certificate, there are five circular portraits of the team members, each with their name below: Vinay V.A., Thoufeek N.A., Mohammed Arif, Anandu A., and Ananthakrishnan P.A. The text "On Theme: Healthcare" is written below the portraits. The entire graphic is framed with decorative elements and logos.

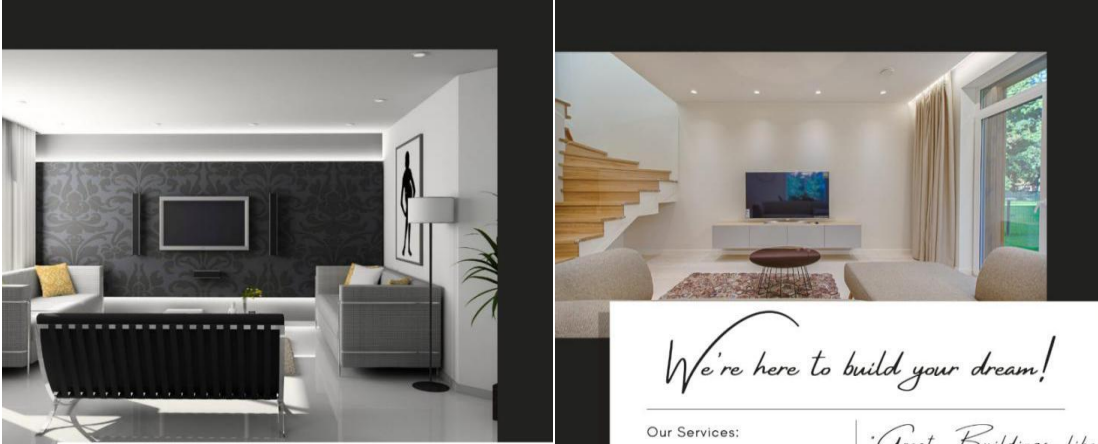
- ❖ The Department of Civil Engineering at VAST TC is proud to announce that **Mr. Aswin S Krishnan and Mr. Jaikishan C J (2017 graduates)** have started a construction company ‘**ROBOS**’ based in Palayamkunn, Thiruvananthapuram. Both of them had undergone training in Rajadhani Constructions for a year after they graduated from VAST TC. They currently focus on the planning and construction requirements of the two districts, Kollam and Thiruvananthapuram. They offer 3D Modelling, Interior Designing, Vasthu Consultancy and Estimation.




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- Kerala Vasthu Plans
- Permit Plans
- Supervision
- Interior Designing
- 3D Modelling
- Landscaping
- Vasthu Consultancy
- Estimation
- And much, much more!

*'Great Buildings, like Great Mountains, are the work of Centuries'*  
- Victor Hugo

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+91 9633102182

robosarchitects@gmail.com

- The Department of Civil Engineering at VAST TC has produced yet another batch graduated with entrepreneurial skills. Recently, **Mr. Vivek Vinod, Mr. Jinod K Jayan and Mr. Vishnu Raj (2019 graduates)** have come up with a new venture ‘**BUILDER’S ART**’. Currently they have their office based in Anchal which will be inaugurated on **12<sup>th</sup> December 2020**



**BUILDER'S ART**

**DESIGNERS AND BUILDERS**

**MOB: 7994046827, 7907548484, 7559976663**

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email:buildersartdesigners@gmail.com

പെർമിറ്റ് പ്ലാൻസ്, വാസ്തുശാസ്ത്രം, ഇന്റീരിയർ ഡെക്കറേഷൻ,  
ഫാബ്രിക്കേഷൻ വർക്ക്സ്, 3D & 2D ഡ്രായിംഗ്,  
സർവ്വേയിംഗ്, റിനോവേഷൻ വർക്ക്സ്, സൂപ്പർവിഷൻ, വാൾ പെയിന്റിംഗ്







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### **❖ WEBINAR**

- ❖ **Ansiya N and Drishya Sajeev** of S3 CSE attended an online webinar on “**Online Aids Awareness Summit**” in collaboration with the Saathi Foundation conducted as part of Sekhmet – Worlds AIDS Day Observations in association with **APJAKTU NSS Blood Cell –Ruthirsena** hosted by TKM Institute of technology, Ezhukone on **01/12/2020**.

### **❖ NEWLY JOINED FACULTY/STAFF**

<b>Name of Faculty/Staff</b>	<b>Department</b>	<b>Designation</b>	<b>Remarks</b>
Ms. Vidhya V	Applied Science(Chemistry)	Assistant Professor	28.12.2020



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**SUGGESTIONS & SUPPORT**

We value your suggestions for improvement. For contact or assistance on related matters please send us an email to [wednesdaynews@vidyatcklmr.ac.in](mailto:wednesdaynews@vidyatcklmr.ac.in). We shall get back to you at the earliest.

**Wednesday News Team**