



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS – Kilimanoor

“A Unit of Vidya International Charitable Trust”

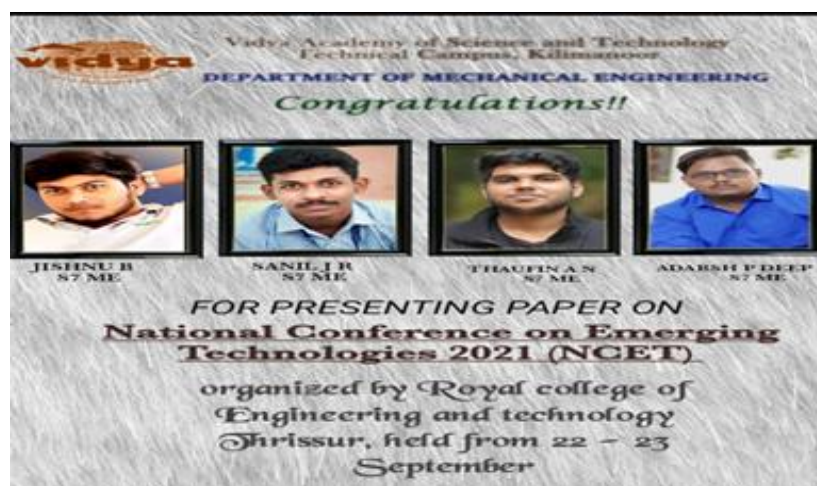
WEDNESDAY NEWS

Issue No.127 1st October to 31st October 2021

Events/Talks/Seminars/Conferences

❖ PAPER PRESENTATION IN NATIONAL CONFERENCE

Mr. Jishnu B (S7 ME) from the Mechanical Engineering Department presented a research paper titled **“MultiFunction Operating Machine”** under the mentorship of **Mr.Ajaykumar A G (Asst.Prof-ME)** at the **National Conference on Emerging Technologies 2021 (NCET)** organized by Royal college of Engineering and technology Thrissur, held on **22nd and 23rd September, 2021**. According to the conference organizers, students from different colleges within Kerala presented their research works. The co-authors of the paper are **Sanil J R (S6 ME)** **Adarsh P Deep (S6 ME)** and **Thaufin A N (S6 ME)**. The National Conference on Emerging Technologies (NCET) 2021 is an annual conference which aims to provide a scientific and networking platform for young researchers and students in the Engineering and Technology fields. Due to the present COVID-19 induced lock-down, the oral presentations were conducted through virtual platforms.





❖ INNOVATION PREMIER LEAGUE LAUNCH 2021 @ VAST TC

IEDC VAST TC conducted the inauguration of “**Innovation Premier League Launch 2021 @ VAST TC**” on **12th October, 2021** at **02.30 pm** in the presence of the Principal of VAST TC and **Dr. K C Chandrasekharan Nair (Founder MD-Kerala Startup Mission & Co-founder, Technopark)** along with all the HOD’s. **Pavithra B** from **S7 CSE** and **Fathima Nazeer** from **S7 ECE** anchored the program and **Dr. Vipin Gopan (Nodal Officer- IEDC VAST TC)** was the program convener. There were a total of 102 active participants. **Ms. Siji Ial S, (COO-IEDC)** gave the welcome speech. Introductory note was given by **Dr. Vipin Gopan** and the activities which are planned to conduct as part of IPL 2021 were briefed. **Dr. T Mathavaraj Ravikumar, Principal of VAST TC** delivered the presidential address. He mentioned the activities of IEDC in the previous year and conveyed his wishes and offered his support for IPL 2021. IPL 2021 @ VAST TC was inaugurated by **Dr. K C Chandrasekharan Nair**. The importance of IEDC’s in Engineering colleges was explained in detail by the Chief Guest. He also briefed the history of IEDC in Kerala. HOD’s of all departments conveyed their wishes for IPL 2021. Farewell was given to the executive committee members of 2020-2021. The executive panel of 2021-2022 was introduced. The session was concluded with the vote of thanks delivered by **Mr. Abayanath K (CEO- IEDC VAST TC)**.

IPL Launch 2021

@ VAST TC

October, 12TH
02:30 PM



Chief Guest
Dr. K C Chandrasekharan Nair
Founder MD, Kerala Startup Mission &
Co-founder, Technopark






IEDC VASTTC

EXECUTIVE PANEL 2021


ABHAYNATH K
 CHIEF EXECUTIVE OFFICER (C.E.O)


SIJI LAL S
 CHIEF OPERATING OFFICER (C.O.O)


RUKSANA SALIM
 CHIEF INFORMATION OFFICER (C.I.O)


VISHNULAL S
 CHIEF TECHNICAL OFFICER (C.T.O)


PAVITHRA
 CHIEF MARKETING OFFICER (C.M.O) & CHIEF SOCIAL OFFICER (C.S.O)


THOUFEEK
 CHIEF CREATIVE OFFICER (C.C.O)


ANJALI ANIL
 CHIEF FINANCIAL OFFICER (C.F.O)

**VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY
TECHNICAL CAMPUS, KILIMANOOR**



❖ THE END USER TESTING OF THE AAC DEVICE

The Electronics and Communication Department of VAST TC designed and developed a cost effective **Augmentative and Alternative Communication** (AAC) device. The device can record and playback three different voice messages each of one-minute duration. The end user testing of the device

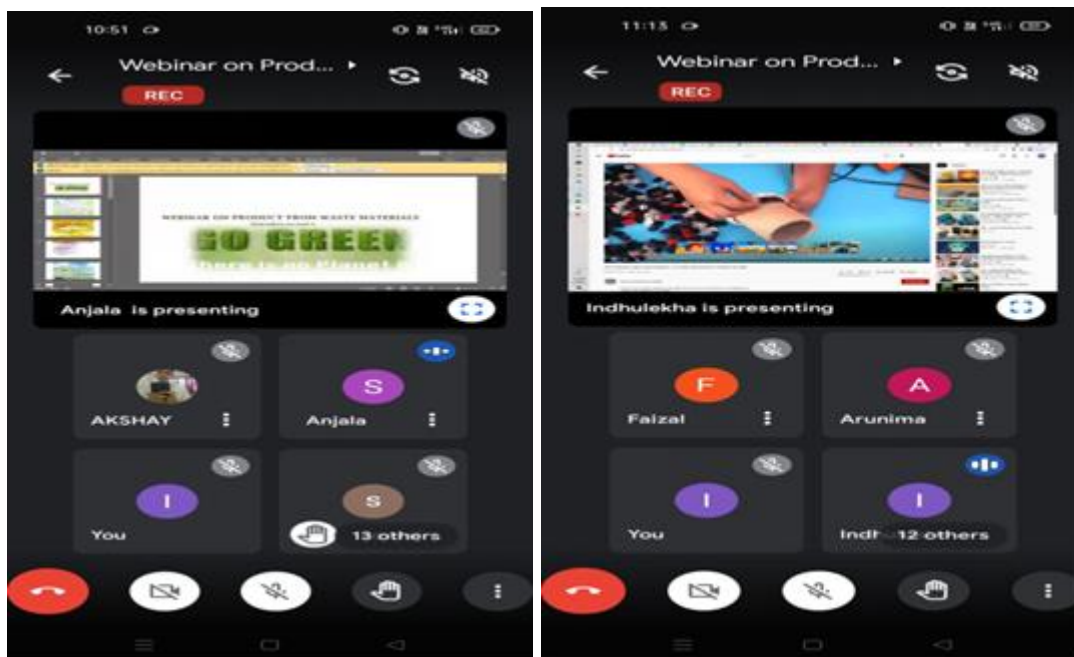
was successfully conducted by team members, **Dr. Neethuraj R (HOD- ECE)**, **Mr. Dawn Sivan (Asst. Prof-ECE)** and **Mr. Subeeshdev, Student Volunteer from ECE**, with the autism affected inmates of Karunyalayam Orphanage, Attingal. The working of the device was explained to the caretaker, and some of the autism children were asked to use the device. It was a happy moment to see the reaction of the children while listening to the recorded message of their caretaker.



❖ WEBINAR ON “PRODUCT FROM WASTE MATERIALS”

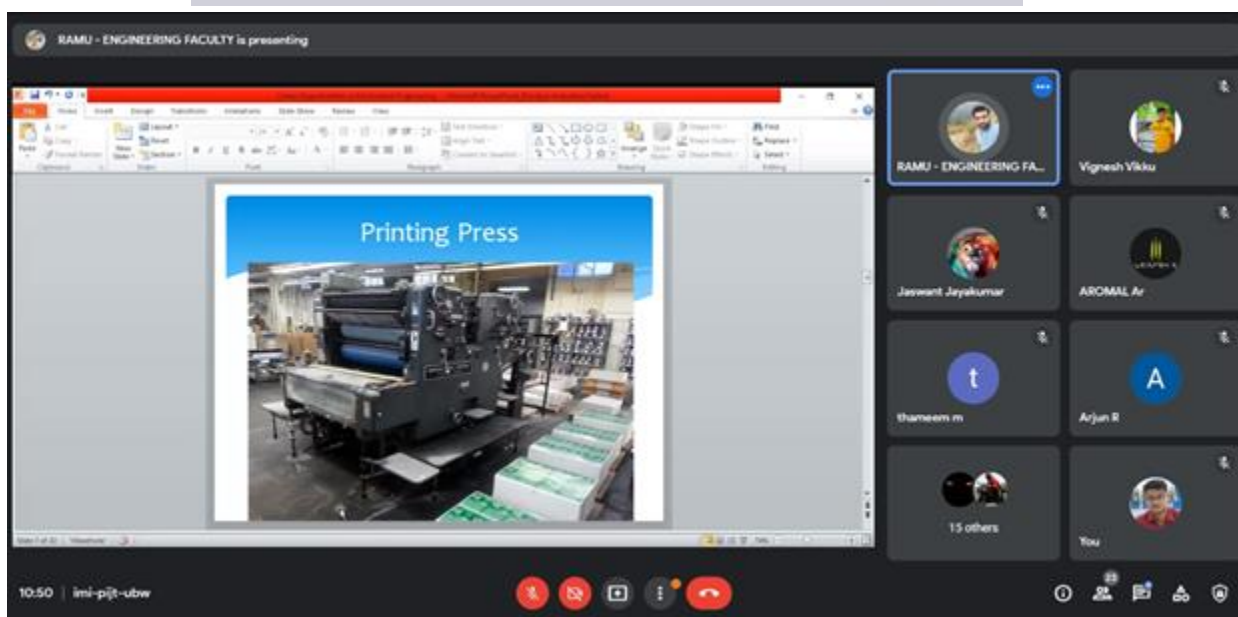
The Electrical and Electronics Department of VAST TC conducted a webinar on **Product from waste materials** for first year EEStudents on **12th October, 2021** from **10.30am to 11:30 am** via Google meet. The speakers of the event were **Ms.Anjala S S (Asst.Prof-EEE)** and **Ms.Indhulekha Jayachandran, (Asst.Prof-EEE)**.The speakers explained about the various ways of management, different craft works from waste materials, methods of waste disposal, e –waste management. The

event was co-ordinated by **Ms. Anjala S S (Asst.Prof-EEE)** and **Ms. Indhulekha Jayachandran (Asst.Prof-EEE)**. A total of 30 participants attended the program and we got very encouraging responses through their positive feedback.



❖ WEBINAR ON “CAREER OPPORTUNITIES IN MECHANICAL ENGINEERING”

The Mechanical Department of VAST TC conducted a webinar on **Career Opportunities in Mechanical Engineering** for 2021-2025 ME students of VAST TC on **01/10/2021** from **10.30 am to 11.30 am** via Google Meet. The speaker of the event was **Mr. Ramu Rajendran, Former Assistant Professor (ME) VAST TC**. The speaker explained about various sectors in Mechanical Engineering and also briefed about the job opportunities in Mechanical Engineering, both public and private. At the end of the session, we had a Q&A session. **Dr. Vipin Gopan (Asst Prof-ME)** delivered the vote of thanks. The event concluded at 10.30 am. The event was successfully co-ordinated by Dr. Vipin Gopan (Asst.Prof-ME). Total of about 30 participants attended the program and we got very encouraging responses through their positive feedback.



❖ NSS ACTIVITIES

❖ CLEAN KERALA GREEN KERALA

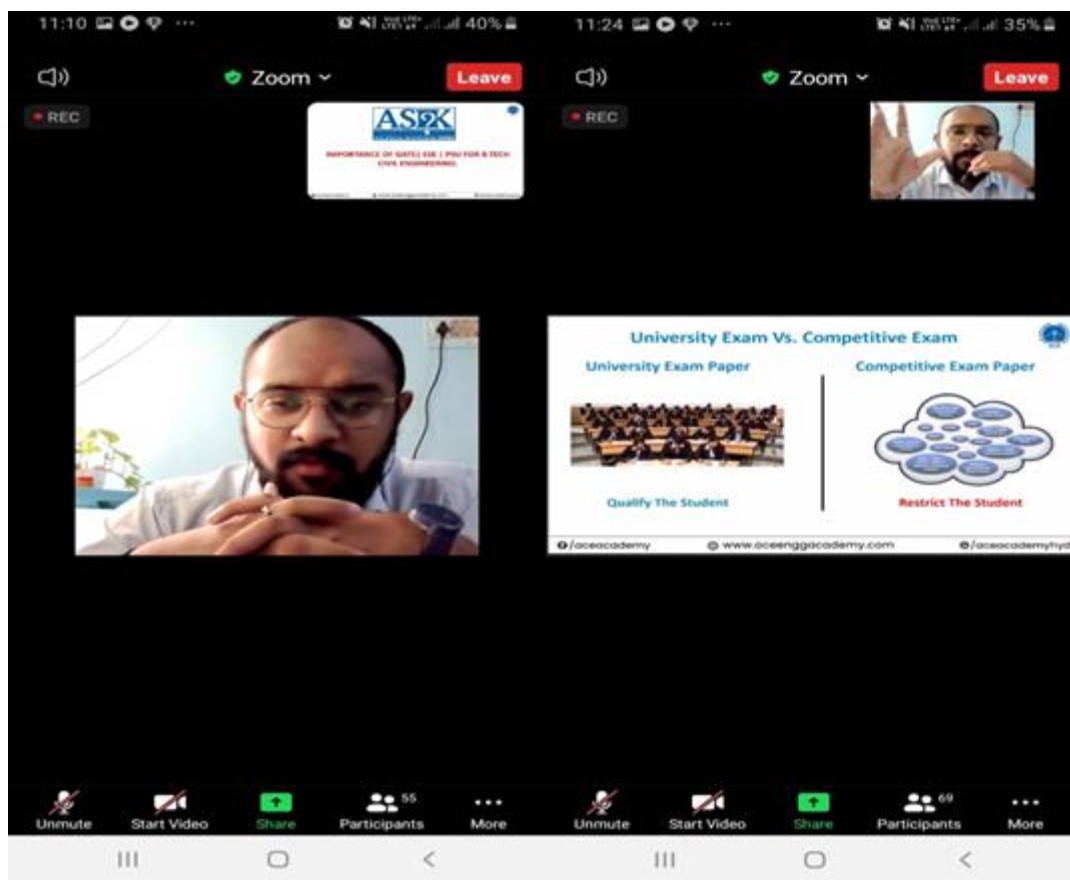
The NSS unit of Vidya Academy of Science and Technology organised ‘**CLEAN KERALA GREEN KERALA**’ as part of the Gandhi Jayanti Celebrations on 02.10.2021. ‘**CLEAN KERALA GREEN KERALA**’ was organised by our NSS Unit in different regions of Thiruvananthapuram district including Vettukaad Beach, Ottoor Primary Health Centre, Boys Higher Secondary School (Punalur), Navayuga Arts and Sports Club (Muttathukonam). The programme was conducted, abiding to the Covid-19 protocols in all these regions and was aimed at spreading the message of ‘cleanliness is godliness’. The event was organised by **Mr. Vaishnav (S6 ME)** and **Ms. Sandra (S6 CSE)** and had **41 participants**.



❖ WEBINAR ON A GUIDANCE PROGRAMME FOR CAREER OPPORTUNITIES AFTER BTECH

The Department of Civil Engineering organized a 'Webinar on A Guidance Programme For Career Opportunities After BTech' for final year and pre-final year Civil Engineering students on 08/10/2021. A total of 82 students attended the same. The webinar was handled by Mr. Pradeep Raghu, Faculty, Ace Academy, Hyderabad. The webinar was hosted on the Zoom platform. The programme got started by 11:00 AM by welcoming the resource person by Ms. Rini Madhavan Rajeev (Asst. Prof - CE). In the session Mr. Pradeep Raghu gave the emphasis on the importance of competitive exams and the methodology to crack the same. He also gave the students the idea on the importance of upcoming Gate exams and how to approach the same for achieving higher Gate Scores. The presentation part of the webinar got completed by 12:00 PM and the query session lasted for 15 min and was handled perfectly. Ms. Rini Madhavan Rajeev gave concluding remarks on the effective session at the end of the webinar. The webinar was organised by Mr. Jithin Prem S (Asst. Prof - CE) and Mr. Lenin Babu S (Asst. Prof - CE) along with the support of the faculties in Department of Civil Engineering under the guidance of Prof. Vijayakumar K, HOD, Department of Civil Engineering.





❖ WEBINAR ON FUTURE AND OPPORTUNITIES IN CIVIL ENGINEERING SOFTWARE

As part of admission activity, the **Department of Civil Engineering** had conducted a ‘**Webinar on Future and Opportunities in Civil Engineering Software**’ for newly joined Civil Engineer students on **05/10/2021**. Upon sharing the posters, **34 students** attended the same. The webinar was handled by **Ms. Treesa Jose**, Team Leader, Intercad Systems Pvt Ltd. The webinar was hosted in Google meet platform. The programme started by **6:00 PM** and got extended to **7:10 PM**. The session gave a brief idea on the available Civil Engineering Software in the market and their suitability in various Civil Engineering field. The presentation part of the webinar got completed by **7:05PM** and the query session lasted for 5 min and was handled perfectly. **The webinar was organised by Ms. Swathy Krishna V R (Asst. Prof - CE)** along with the support of the faculties in Department of Civil Engineering under the guidance of Prof. Vijayakumar K, HOD, Department of Civil Engineering.


VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS KILIMANOOR

DEPARTMENT OF CIVIL ENGINEERING
 Brings To You

webinar on
FUTURE AND OPPORTUNITIES IN CIVIL ENGINEERING SOFTWARE

RESOURCE PERSON:
Ms.TREESA JOSE
 Team Leader
 InterCAD Systems Pvt Ltd




JOIN ONLINE
 Google Meet
 5-10-2021
 6:00 to 7:00 pm

Coordinator:
MS.Swathy Krishna V R
 (Ph:+918281800123)







REC



Treesa Jose

REC



Shalu Raj joined

J You

A Arsha

T Treesa

S 33 others

J You

B Bhavya

T Treesa

S A 35 others

❖ QUIZ TIME ROUND 1”

The **Computer Science and Engineering Department** of **VAST TC** conducted a “**QUIZ TIME**” competition for 2021-2025 batch CSE students on **02/10/2021 from 9.00am to 4:00 pm via Google form link**. A total of 46 students took part in the “Quiz Time”. More than 95 percent of students received grades of 50 percent or higher. An average of 15.22 points was scored by each student. 6 students who scored full marks in the quiz programme were selected for round 2. The selected students are Aswin A S, Adharsh S, Deepak S, Wazin Ajmal, Vivek SS and Abhinand Asok. We got very encouraging responses through the positive feedback messages of students. The event was successfully coordinated by **Mr. Suraj S R, Systems Manager|Assistant Professor, Dept. of CSE**.

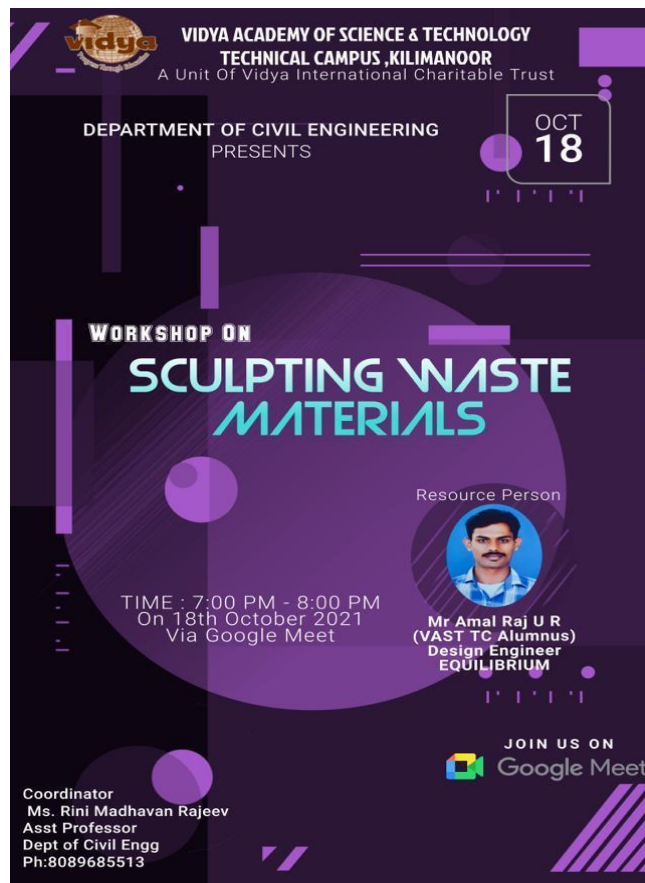
Poster

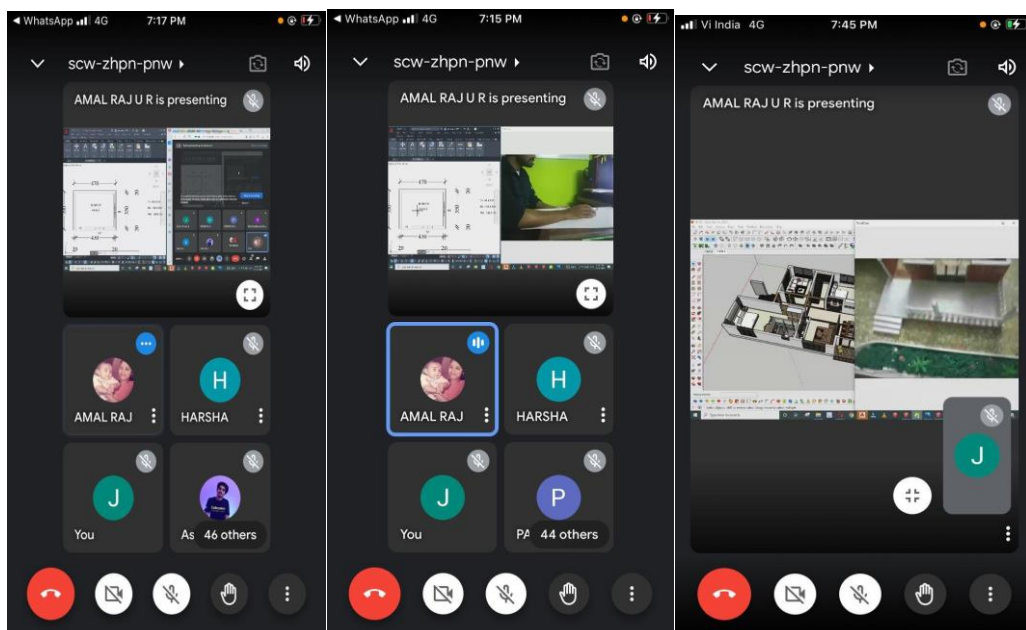


❖ WEBINAR ON SCULPTING WASTE MATERIALS

The **Department of Civil Engineering** organized a webinar ‘**Sculpting Waste Materials**’ for the upcoming Civil Engineering students (**2021 – 25 Batch**). The event was organized online, via the platform Google Meet, on **18th October, 2021 from 7:00 p. m. – 8:00 p. m.** The resource person for the session was **Mr. Amal Raj U R, a proud VAST TC alumnus, currently working as a Design Engineer at Equilibrium, Kollam**. The session mainly focused on model making of houses and other constructions using easily available materials. This would give the young minds an insight into

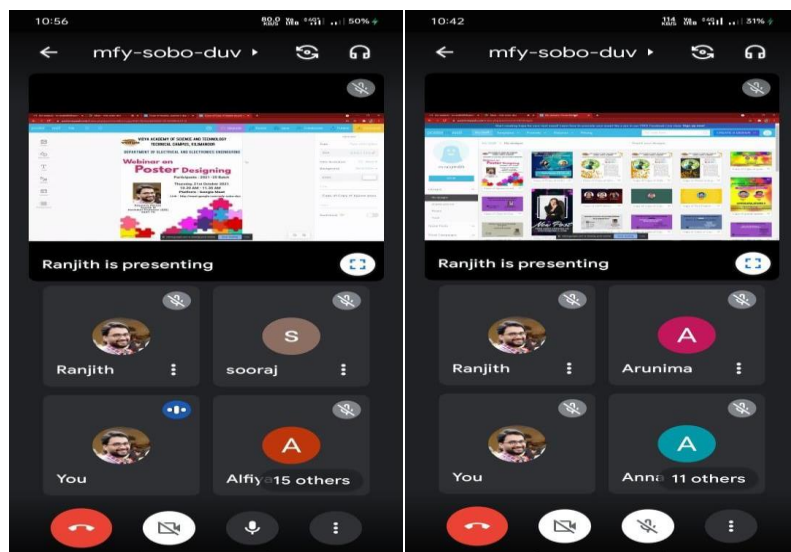
the basic and common dimension details of different structures around us, as the first step for model making involves identifying the required dimensions from already available plans. The collection of the raw materials required for the project and the scaling down of the dimensions to build the model are the next steps. The details of the accessories required for the creation of the model were also discussed in the session. The students were also given an idea about the importance of using easily available waste materials like cloth, plastic, twigs and natural colors for making models. The session ended at 8:00 p. m. with a discussion session of the students with the speaker which involved questions relating to the use of various household materials for model making. The students gave an excellent feedback of the session as it helped them improve their creativity skills which shall help them in participating in exhibitions, competitions and technical events in the future related to Civil Engineering. **The session was coordinated by Ms. Rini Madhavan Rajeev (Asst. Prof – CE), had a total participation of 45 students.**





❖ WEBINAR ON “POSTER DESIGNING”

The **Electrical and Electronics Department** of VAST TC conducted a webinar on **Poster Designing** for first year EEE students on **21/10/2021 from 10.30am to 11:30 am via Google meet**. The speaker of the event was **Mr. Ranjith M (Asst.Prof-EEE)**. The speakers explained how to design a poster on my wall. One poster was designed during the session. The event concluded at 11.30am. The event was successfully coordinated by Mr. Ranjith M (Asst. Prof- EEE). A total of 20 participants attended the program and we got very encouraging responses through their positive feedback.

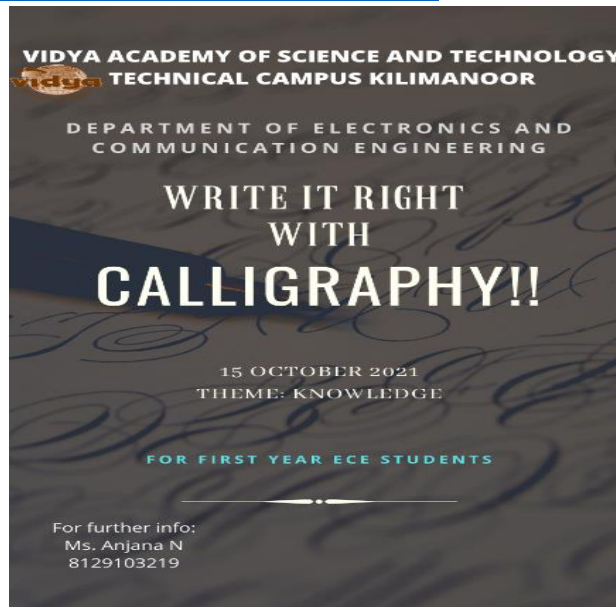


❖ CALLIGRAPHY COMPETITION

A calligraphy writing contest was conducted for students on **15th Oct 2021**. Students were asked to write any famous quote or wordings related to the topic **KNOWLEDGE**. A tutorial on how to write in calligraphy was circulated among the students via whatsapp.

The following video links were sent to students as a tutorial:

- <https://www.youtube.com/watch?v=9fLR5qe6Fbw&t=7s>
- <https://www.youtube.com/watch?v=QdYwdX7atHE>



The responses were very positive and artistic. The posters were uploaded in google drive.



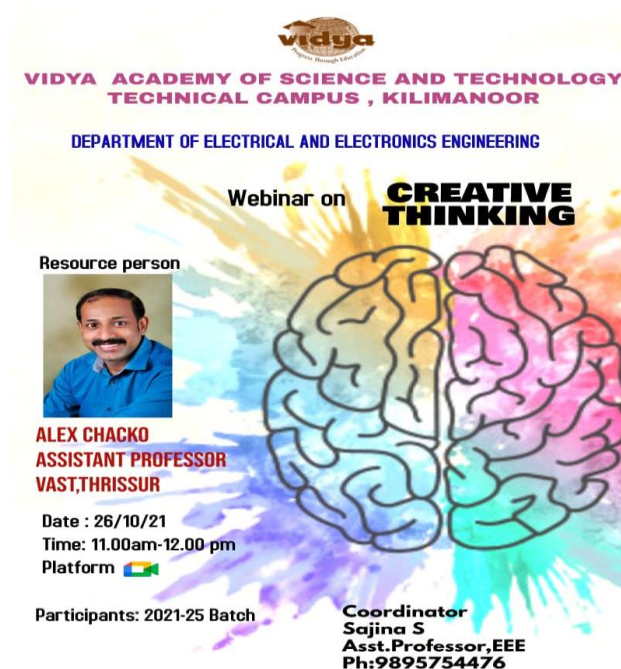
❖ ITALK SERIES

IEDC VAST TC launched an iTalk series named "**Wow factor: Not Just a Story**". Entrepreneurs from various fields will give a 20-30 minutes talk about their entrepreneurship experience. The session was handled by **Dr. Arun Surendran (Founder Director, Adcy.IO Cybersecurity Solutions)** on **26th October 2021, 7.00PM**. The topic for the session was "**Why Startup Habit is Important?**". **Pavithra B** from **S7 CSE** anchored the program and **Dr. Vipin Gopan(Nodal Officer, IEDC VAST TC)** was the program convener. There were 45 active participants. Introductory note was given by Dr. Vipin Gopan. Dr. Arun Surendran gave a 30 minutes talk on the importance of entrepreneurship in the current scenario. He briefed about how local startups focusing on localized problems are positively impacting the society. He also mentioned the importance of faculty entrepreneurship in engineering colleges. The talk was followed by a questionnaire session. The session was concluded with the vote of thanks delivered by **Mr. Abayanath K, (CEO, IEDC VAST TC)**.



❖ WEBINAR ON “CREATIVE THINKING”

The Electrical and Electronics Department of VAST TC conducted a webinar on “**Creative thinking**” for first year EEE students on **26th October 2021** from **11:00 am to 12:00 pm** via Google meet. The speaker of the event was Mr Alex Chacko , Assistant Professor, Mechanical Engineering Vidya Academy of Science & Technology Thrissur. The speaker explained about creativity, different types of creativity and how to develop creativity. Creativity is the act of turning new and imaginative ideas into reality. Creativity is characterized by the ability to perceive the world in new ways, to find hidden patterns, to make connections between seemingly unrelated phenomena, and to generate solutions. The event was coordinated by **Ms Sajina S (Asst Prof- EEE)**. A total of 30 participants attended the program and we got very good responses through their positive feedback.



❖ ACHIEVEMENTS OF STAFF

- ❖ **Mr. Dawn Sivan (Asst. Prof- ECE)** has successfully completed an online course on '**Python for Machine Learning**' from Great Learning on **20th October 2021**.



- ❖ **Mr. Dawn Sivan (Asst. Prof- ECE)** has successfully completed an online course from Udemy on the topic **Learning Python from Scratch**.



- ❖ **Mr. Prasanth V Pradeep (Asst. Prof-AS)** participated in the Webinar on “**Recent Trends & Development in Nanocomposites**” organised by Department of Basics Sciences and Humanities, Rajagiri School of Engineering & Technology from **18th to 21st October 2021**



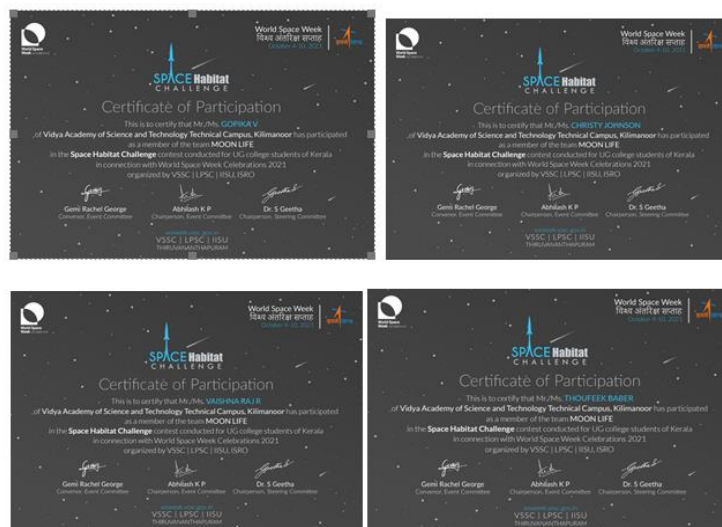
❖ Achievement of Students

- ❖ Ajas A S (2021, Computer science Engineering) and Ms. Dana V.G (2019, Electrical and Electronics Engineering) got placed as Software Engineer at Traffic and Transport Technology (ARS T&TT), Techno park on 29th September, 2021.

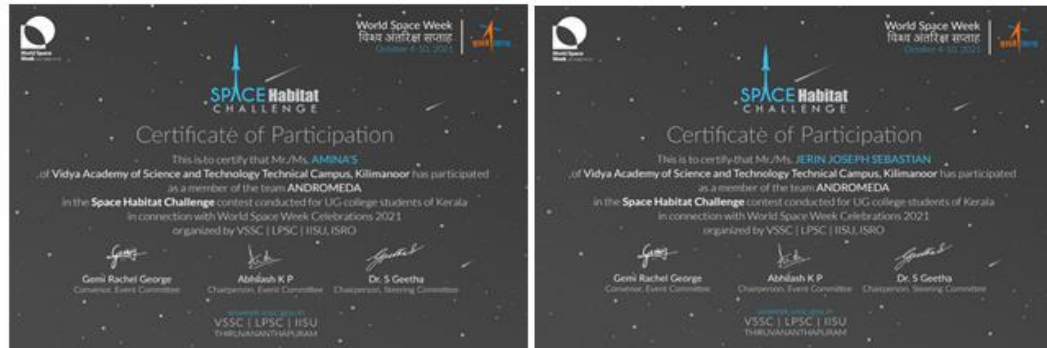


❖ ACHIEVEMENTS OF STUDENTS

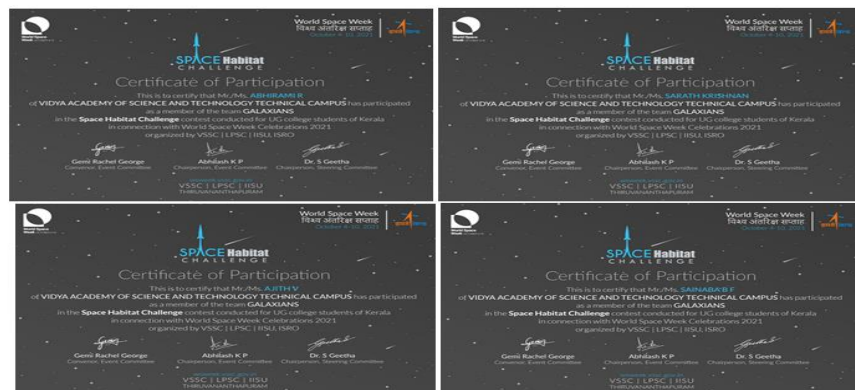
- ★ Ms. Christy Johnson, Ms. Gopika V, Ms. Vaishna Raj R and Mr. Thoufeek Baber of S7 ECE (2018-22 Batch) participated as a member of the team MOON LIFE in the Space Habitat Challenge contest organized by VSSC/ISRO/LPSC in connection with World Space Week Celebrations 2021.



★ **Ms. Shimi A.S of S7 ECE (2018-22 Batch) and Mr. Jerin Joseph Sebastian, Ms. Ansa Baby, Ms. Asha Reshmi and Ms. Amina S of S4 ECE (2019-23 Batch ECE)** participated as a member of the team **ANDROMEDA** in the Space Habitat Challenge contest organized by VSSC/ISRO/LPSC in connection with World Space Week Celebrations 2021.



★ **Ms. Abhirami R, Mr.Sarath Krishnan, Mr. Ajith V, Ms. Sainaba B.F and Ms. Mojith M.J of S4 ECE (2019-23 Batch ECE)** participated as a member of the team **GALAXIANS** in the Space Habitat Challenge contest organized by VSSC/ISRO/LPSC in connection with World Space Week Celebrations 2021.



CONTRIBUTORS TO THIS EDITION

Dr. T. Mathavaraj Ravikumar (Principal), Ms Anjana. N. (Asst.Prof-ECE), Ms.Mrudula Murukan G.(Asst.Prof-EEE),Ms Rini Madhavan Rajeev (Asst.Prof-CE), Ms.Revathy Prasannan (Asst. Prof - CSE), Mr.Abhinandh K A(Asst.Prof-ME), Ms Abitha (Asst.Prof -AS) Ms. VigithaVidyadhar (Asst.Prof -AS), Ms.Aswathy S., PA to Principal.

SUGGESTIONS & SUPPORT

We value your suggestions for improvement. For contact or assistance on related matters please send us an email to wednesdaynews@vidyacklmr.ac.in. We shall get back to you at the earliest.

Wednesday News Team