

Kilimanoor

"A Unit of Vidya International Charitable Trust"

Wednesday News

Issue No: 120 1st March to 31th March, 2021

Events/Talks/Seminars/Conferences

❖ PLACEMENT TRAINING PROGRAMME – IInd PHASE

The Career Guidance and Placement Cell of VAST TC organised a II phase placement training programme for final year students, as a continuation of three-day placement programme. The aim was to improve overall proficiency of students and to mentor them to tackle placements. The resource persons were from Pragmatix learning Pvt.Ltd. Mr.Deepak Jose and Mr.Sandeep V S trained the students in most effective way through Google Meet Platform. The trainers trained the students in soft skills and aptitude.

(i)Training Schedule

Date	Batch 1	Batch 2	
25-Mar-21	Softskills - Sandheep	Aptitude Refresher - Deepak	
26-Mar-21	Aptitude Refresher - Deepak	Softskills - Sandheep	

In order to improve the potency of training, the whole programme was conducted in two batches. The students from the branches EEE, ECE, CSE were included in Batch 1 and CE and ME in Batch 2. Each topic was further divided into two subsections and the first subsections of soft skills deals with basic knowledge to attend an interview equitably. And the other section deals with preparation for JAM round. The trainers gave individual attention to students. A refresher course of aptitude was given to the students.

(ii) Attendance

The response from students was minimal during the start of the training compared to classroom sessions. But towards the end the students participated with much enthusiasm and the training programme was well appreciated by the students. Moreover, the students gave good feedback about the trainers. The attendance of the students was as follows:



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Batch 1: EC, EEE, CSE: 83%

✓ Batch 2 : CE, ME : 80%

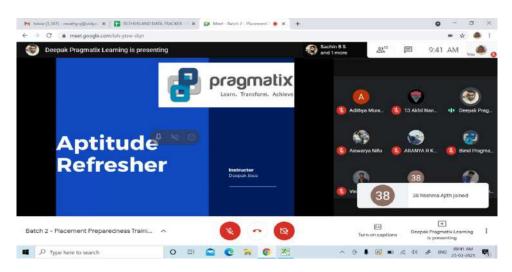
Overall Response from the students about the raining was good and they requested for frequent refreshing training.

Screenshots of the training were attached along with this:

Day 1: 25/03/2021Batch 1:



Batch 2:

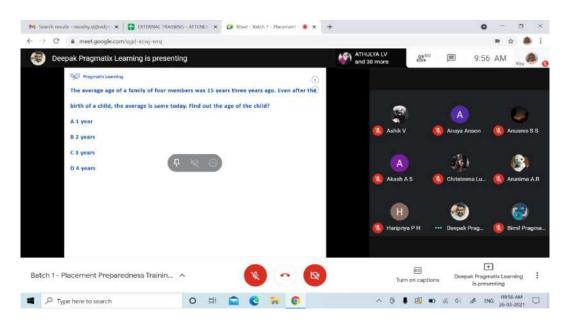




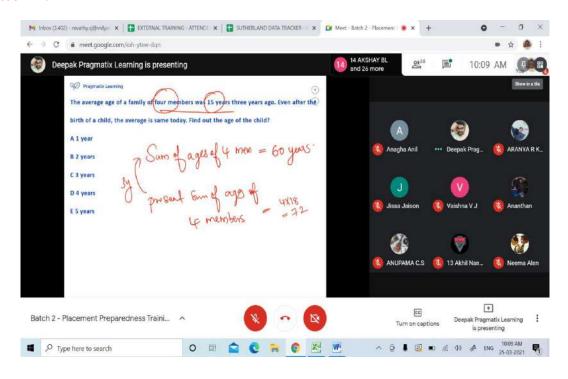
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Day 2: 26/03/2021

Batch 1:



Batch 2:



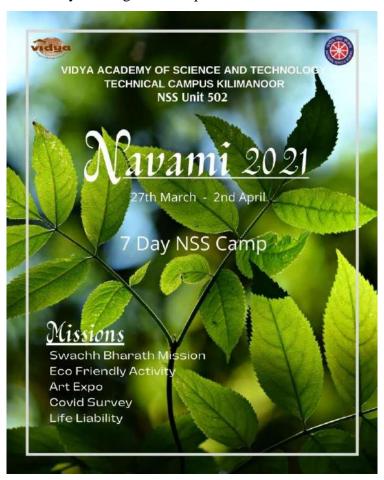


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❖ NAVAMI − 7 DAY NSS CAMP

The NSS Unit at Vidya Academy of Science and Technology Technical Campus conducted a 7 day camp 'NAVAMI' for the NSS volunteers. Considering the prevailing adverse situation, the events of the camp were organised partly online and offline. The camp was held from 7th March to 2nd April, 2021. The camp was inauguarated by our principal, Dr. T. Mathavaraj Ravikumar. The major event of the first day, after the inaguration, was an ice breaking session by Mr. Mahesh Thampu M., final B.tech student of T. K. M. College of Engineering, Kollam. The next day began with the a short NSS assembly. The field activity was organized as part of Swachh Bharat Mission.



Before the online cultural events at the end of the day, there was an interactive session with Mr. Blesson Paul, Field Officer, APJKTU NSS Cell. On the third day the volunteers involved themselves in the cleaning of Kilmanoor Park. It was follwed by game sessions at the end of the day. After the NSS assessibly, the fourth day was utilised for a Covid



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Survey and an Art Expo. An interactive session was arranged with Mr. Suajy, NSS Programme Officer, SCMS in the evening. On the fifth day the volunteers visited Gandhi Bhavan, with the essential materials collected for the inghabitants. This was followed by an interactive session with Mr. Arun, NSS Programme Officer, VAST, Thrissur. The sixth day was utilised for spreading awareness about safe voting in the COVID era. The enlighting session by Mr. Brahmanayakam, NSS National Youth Trainer, followed by online cultural activities. The last day involved the presentation of the COVID survey by the NSS volunteers. This was followed by prize distribution ceremony for the the best performer of the former NSS volunteers.

❖ CAREER ADVANCEMENT PROGRAM FOR DIPLOMASTUDENTS ORGANISED BY MECHANICAL DEPARTMENT

> MGM Polytechnic College, Kilimanoor

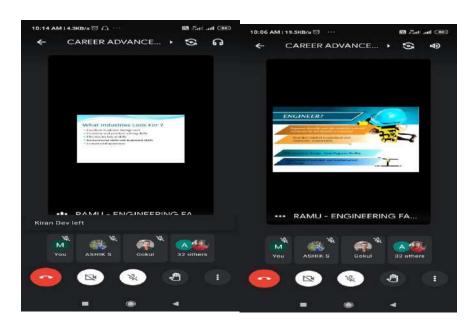


As a part of the Technical Outreach Program, the Department of Mechanical Engineering conducted a Career Advancement Program for the final year Mechanical Engineering students of MGM Polytechnic College, Kilimanoor on 1st March, 2021. The program was conducted in online mode. A total of 35 students actively attended the program and during interaction sessions many queries were raised. The different career opportunities for students after the completion of diploma, including higher studies were discussed in



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the Program. Also, a brief introduction about the upcoming departmental programs was introduced to the students. The session was handled by **Mr. RamuRajendran** (Asst. Prof-ME) and was co-ordinated by **Mr. Ajeesh A S** (Asst. Prof - ME).



➤ Government Polytechnic College, Ezhukone

As part of the Technical Outreach Program, the Department of Mechanical Engineering conducted a Career Advancement Program for the final year Mechanical Engineering students of Government Polytechnic College, Ezhukon on 6th March, 2021. The program was conducted at Government Polytechnic College, Ezhukon, in adherence with the Covid-19 protocol. A total of 25 students actively attended the program and interacted with many queries. The different career opportunities for students after the completion of diploma, including higher studies were discussed in the Program. Also, a brief introduction about the upcoming departmental programs was introduced to the students. The session was handled by Mr. Ramu Rajendran (Asst. Prof, ME) and was co-ordinated by Mr. Ajeesh A S (Asst. Prof- ME).



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> CAREER ADVANCEMENT PROGRAMME FOR DIPLOMA STUDENTS ORGANISED BY CIVIL DEPARTMENT

The Department of Civil Engineering of Vidya Academy of Science and Technology Technical Campus Kilimanoor organized an online career advancement programme, "An Interactive Session on Career Options for Civil Students after Diploma", for the final year Civil Diploma students of Central Polytechnic College, Sree Narayana Polytechnic College and MGM Polytechnic College on 11th March 2021, from 4:00 p.m. to 5:00 p. m. via the online platform Google Meet. 34 students participated in the event and interacted with the speaker, Ms. Revathy S. J. (Asst. Prof – CE). The different career opportunities for students after the completion of diploma, including higher studies were discussed in the programme. Also, a brief introduction about the upcoming departmental programmes was introduced to the students. The session was co-ordinated by Mr. Jithin Prem S (Asst. Prof -CE).



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CAREER ADVANCEMENT PROGRAMME

An imeractive session on Career Options for Civil Students After Diploma



For more info: 8086690230



Speaker: Ms. Revathy S J Career Mentor Assistant Professor VAST TC

Co-ordinator:
Mr. Jithin Prem S
Assistant Professor
VAST TC

DEPARTMENT OF CIVIL ENGINEERING



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

❖ HANDS-ON TRAINING ON RASPBERRY PI AND IOT FOR GPTC EZHUKONE ORGANISED BY ECE DEPARTMENT

As a part of Vidya Technical Outreach Program Hands-on training on Raspberry PI and IOT was conducted for final year polytechnic students on 8th March, 2021 and 9th March, 2021 (in two phases) from 10.00 AM to 4.00 PM by the Dept. of ECE. A total of 51 students attended the program. The workshop was conducted in 2 phases by Prof Rajesh G. R., (Asso.Prof-ECE), Mr. Chandramohan B, TI Department of ECE and was coordinated by Ms. Niraja J Shenoy(Asst.Prof-ECE)



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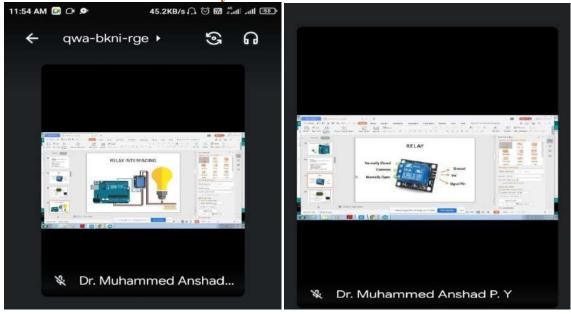


❖ ONLINE WORKSHOP ON ARDUINO FOR GPTC NEYATTINKARA ORGANISED BY ECE DEPARTMENT

As a part of Vidya Technical Outreach Program online workshop on ARDUINO was conducted for final year polytechnic students on 12/3/21 from 10.00 AM to 3.00 PM by the Dept. of ECE. A total of 25 students attended the program. The workshop was conducted in 2 phases by **Dr. Muhammed Anshad P Y** (Asst. Prof-ECE), **Mr. Chandramohan B**,TI, Department of ECE and coordinated by **Ms. Niraja J Shenoy**, (Asst. Prof-ECE).



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❖ HANDS-ON TRAINING ON RASPBERRY PI AND IOT FOR GPTC KAIMANOM ORGANISED BY ECE DEPARTMENT

As a part of Vidya Technical Outreach Program, Hands-on training on Raspberry PI and IOT was conducted for final year polytechnic students on 15th March, 2021 and 16th March, 2021 (in two phases) from 10.00 AM to 4.00 PM by the Dept. of ECE. 54 students attended the program. The workshop was conducted in 2 phases by Mr. Chandu C. B (Asst. Prof-ECE), Mr.Chandramohan B (TI-ECE) and coordinated by Ms. Niraja J Shenoy





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***** AN ONLINE CAREER ADVANCEMENT PROGRAM FOR POLY TECHNIC STUDENTS ORGANISED BY CSE DEPARTMENT

The Department of CSE VAST TC conducted an online webinar on Career Advancement Program for final year polytechnic students on 15th March, 2021 from 7:00 pm to 7:45pm. The program was coordinated by Ms. Krishna L (Asst.Prof - CSE). The speaker of the event was MrSuraj S R (Career Mentor, Asst. Prof - CSE). The event started at 7.00pm. 40 participants attended the program and got very encouraging responses through the feedback forms provided. The program was structured in one presentation, followed by Q&A session and the feedback were collected from all participants. The Speaker of the event MrSuraj S R presented a very informative session about Career opportunities of Computer Science and Engineering and shared motivating Success Stories. He also shared information about our college, our department, achievements of our students. Some of the participants asked their doubts in the Q&A session. The event concluded at 7:50 pm. The event was a success and got positive response from all the participants.



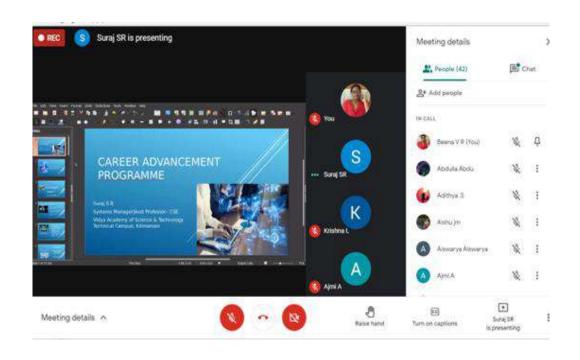
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS, KILIMANOOR, TRIVANDRUM

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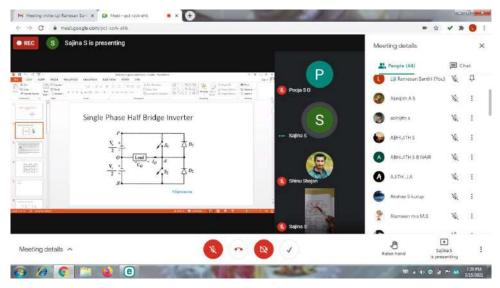




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* ONLINE SESSION ON "POWER ELECTRONICS FOR POLYTECHNIC STUDENTS" ORGANISED BY EEE DEPARTMENT

The Electrical and Electronics Department of VAST TC conducted an online session on POWER ELECTRONICS for final year polytechnic students on 15th March, 2021 from 7:00 pm to 8:30 pm via Google meet. The speaker of the event was Ms. Sajina S, (Asst.Prof-EEE) Ms. Liji Ramesan Santhi (Asst Prof-EEE) welcomed all the participants. she explained the importance and objectives of this session. After the welcome speech the session was hand over to Ms. Sajina S. She shared the information to analyze various single phase and three phase power inverter circuits and understand their applications. She also covered the topics on power inverter types working and its wave forms.



At the end of the session, Ms. Asna S Asok (Asst Prof- EEE) delivered the vote of thanks. The event concluded at 8.30pm. The event was success. 56 participants attended the program and we got very encouraging responses through their positive feedback. Also online certificates distributed to the participants.

OUTCOME:

1. Acquire knowledge about fundamental concepts and techniques used in power electronics.



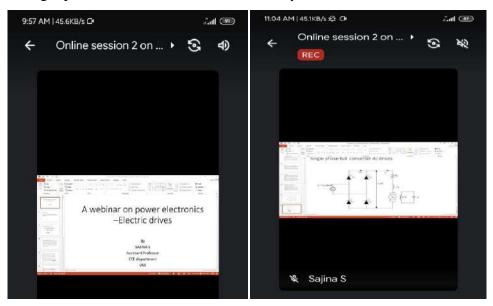
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2. Ability to analyze various single phase and three phase power inverter circuits and understand their applications.

The Coordinator of the event was **Ms Liji RamesanSanthi** (Asst Prof- EEE) and the Convener of the event was Dr. **M C John Wiselin** (HOD- EEE).

* ONLINE SESSION II ON "POWER ELECTRONICS FOR POLYTECHNIC STUDENTS"

The Electrical and Electronics Department conducted an online session II on POWER ELECTRONICS for final year polytechnic students on 20th March, 2021 from 10.00 am to 11.30 am via Google meet. The speaker of the event was **Ms Sajina S** (Asst. Prof- EEE). **Ms Liji Ramesan Santhi** (Asst.Prof-EEE) welcomed all the participants. Also she explained the importance and objectives of this session. After the welcome speech the session was handed over to Ms Sajina S. She shared the information to analyze electrical drives for ac and dc circuit and how to use drives for controlling speed in motor applications. Also explain the working of single phase half converter drives and fully controlled converter drive.



Ms. Asna S Asok (Asst Professor EEE) delivered the vote of thanks. The event concluded at 11.30 am. The event was a success. 30 participants attended the program and we got very encouraging responses through their positive feedback. Also online certificates distributed to



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the participants. The coordinator of the event was **Ms LijiRamesanSanthi**(Asst Prof- EEE) and the convenor was **Dr. M C JohnWiselin** (HOD -EEE).

EXPERT TALK ON NAAC BY Dr. SUDHEER S.V.

Internal Quality Assurance Cell (IQAC) of Vidya Academy of Science and Technology Technical Campus, VAST TC, organized a programme regarding NAAC for teaching and non-teaching staff of VAST TC on 17th March 2021 from 9.30 am to 2.30 pm at seminar hall SB 615. The resource person was Dr. S.V.Sudheer, Pro Vice-Chancellor, Sree Narayana Guru Open University. Principal Dr.TMathavarajRavikumarwas the Programme Advisor and Mr. Aswin M Menon (Asst.Prof-ME) was the Programme Coordinator. 30 teaching staffs and 22 non-teaching staffs attended the programme. The programme started with a welcome speech by Ms.Anjana N (Asst.Prof-ECE). The programme was structured in two sessions, followed by a doubt clearance session. Session started at 9.45 am. Dr.V.Sudheer explained NAAC process including the quantitative (70%) and qualitative (30%) divisions, uploading of documents related to quantitative matrices and peer team visit. The session ended at 11.00 am. Important points shared during session 1 are following:

- ✓ From quantitative matrices, a score of 30% is very essential to get eligibility for peer team visit. Keep Self Study Report (SSR) ready prior to uploading documents.
- ✓ College should function as usual during peer team visits (two days).
- ✓ The first program of peer team visit would be the interaction with principal for 45 minutes. After this, there may be an interaction with IQAC coordinator that is followed by the departmental visit. During this time, they come to know departmental facilities. Later an interaction with the representative group of students (30 minutes) and interaction with alumni and parents (30 minutes) is scheduled. At the end of the day, there would be a cultural programme by college students for 45 minutes. Report preparation by peer team and exit meeting will be held during second day.

Session 2 started at 11.15 am. In this session, the seven criteria and the important files to be kept at department during Data Validation and Verification (DVV) time were explained. The session ended at 2.15 pm.



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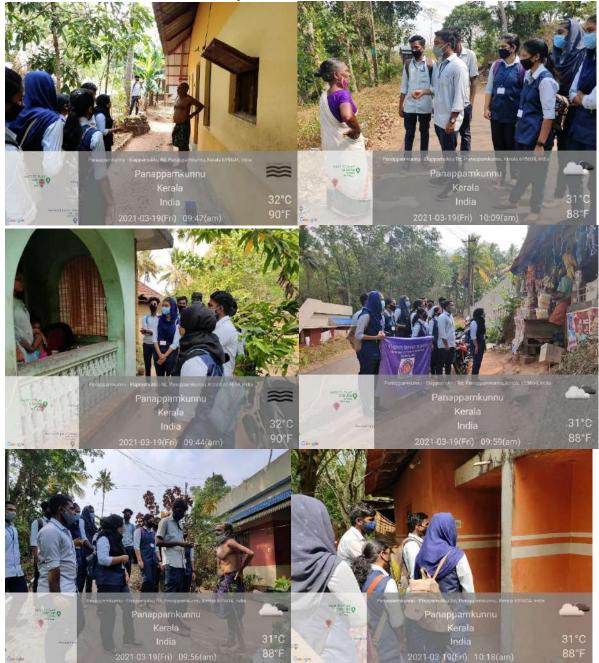
SOCIAL OUTREACH PROGRAM

As a part of Break the chain campaign **NSS unit VAST TC** along with the Primary Health Centre Kilimanoor Panchayath conducted a one-day awareness campaign about the importance to take Covid vaccination on **19**th **March** ,**2021**. NSS volunteers split in to different groups and visited 50 houses in and around the KilimanoorPanchayath. Students conveyed information about the importance of Covid vaccination and the procedure to register for the vaccination.





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❖ NSS UNIT WELCOMES THE FIRST YEAR STUDENTS

The NSS Unit at Vidya Academy of Science and Technology Technical Campus welcomed the first year students of all the branches of the 2020 - 2024 batch on the opening day, 01.03.2021, Monday. The NSS Volunteers distributed paper pens to all the students to convey the message, 'Go Green'. The low cost paper pens had plant seeds in them, which



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would sprout a new life once the pens are thrown away after use or when they run out of ink. The pens were handed over to the students of each branch by the respective Heads of the Department.





***** ACHIEVEMENTS OF STAFF

➤ Mr. ROBIN DAVID (Asst. Prof- ME) joined as review board member for GRD journals

Mr. Robin David (Asst. Prof- ME) has been selected as the Reviewer Board Member of GRD Journals. GRD Journals (Global research and Development Journals) is an international open access online publication house that promotes research works under different domains. His recent paper titled "Experimental investigations on combustion characteristics of fuel briquettes made from vegetable market waste and sawdust" is published in peer reviewed, Materials Today: Proceedings (Elsevier Scopus) Journal.



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➤ Dr Muhammed AnshadP.Y(Asst. Prof-ECE) has earned a Recognition E-Certificate from Texas Instruments and AICTE for successfully coordinating the MOOC — "TI Embedded System Design using MSP430" for students in Vidya Academy of Science and Technology Technical Campus, Kilimanoor on NPTEL Platform as the Faculty In-Charge and thus encouraging the development of the ecosystem bridging Government, Academia and Industry.





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***** WEBINARS AND FDP's

Name of faculty	Торіс	Course provider/Institutio n	Platform used	Period
Ms.Asna S Asok	Webinar on "Outcome Based Education and Accreditation"	KTU & NBA	Google meet	09/03/2021
Ms.Asna S Asok	FDP on "Opportunities and Challenges of Integrating Renewable Energy in Smart Grid"	Vimal Jyothi Engineering College	Google meet	15/03/2021- 19/03/2021
Ms.Anaya Anson	AICTE Training and Learning (ATAL) Academy online FDP on Artificial Intelligence"	Model Engineering College	Google meet	22-2-2021 to 26-2-2021
Jithin Prem S.	TEQIP PHASE II sponsored faculty development programme on "Smart Materials and Technologies in Civil Engineering"	Department of Civil Engineering, College of Engineering, Kidangoor	Google meet	22.02.2021 to 26.02.2021.

***** ACHIEVEMENTS OF STUDENTS

- ➤ Placement Drive: Students from 2021 pass out batch of Vidya Academy of Science & Technology Technical Campus, Kilimanoor are raring to go out and got placed. 5 students got placed with Sutherland, through the virtual campus drive held on 29-03-2021. Sutherland is a leading Information Technology and IT enabled Services Company with offices across the globe. Sutherland is into business transformation services, digital transformation, and into customer engagement transformation business. The following 5 students got placed in Sutherland during the virtual placement drive at VAST TC.
 - 1. Silpa Sunil (S8 CSE)
 - 2. Adithya Prem(S8 Mech)
 - 3. Sharan S (S8 Mech)
 - 4. Vinay V A (S8 Mech)



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5. Bismi S (S8 Civil).



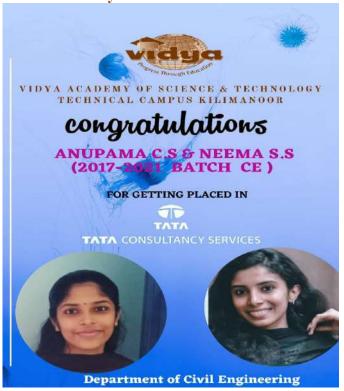
> FINAL YEAR STUDENTS OF THE DEPARTMENT OF CIVIL ENGINEERING GET PLACED AT TATA CONSULTANCY SERVICES (TCS)

The Department of Civil Engineering was immensely proud, as a family, to receive the news that two of the final year students of the 2017 – 2021 batch, Ms. Neema S. S. and Ms. Anupama C. S. were offered the position of Assistant System Engineer at Tata Consultancy Services (TCS). This achievement is the result of sheer hard work and determination of the students, which is definitely an inspiration for the junior batches.



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❖ NEWLY JOINED FACULTY/STAFF

Name of Faculty/Staff	Department	Designation	Remarks
Ms. Karunya R	Electronics and Communication Engineering	Assistant Professor(Contract)	24.03.2021

CONTRIBUTORS TO THIS EDITION

Dr. T. Mathavaraj Ravikumar (Principal), Mr.Ramu Rajendran (Asst.Prof ME), Ms Anjana.N. (Asst. Prof ECE), Ms.Mrudula Murugan.(Asst.Prof EEE), Ms Rini Madhavan Rajeev (Asst.Prof.CE), Ms.Anaya Anson (Asst. Prof CSE), Ms Abitha (Asst.Prof AS) Ms. VigithaVidyadhar (Asst. Prof A.S), Ms. Aswathy S., PA to Principal.



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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. We shall get back to you at the earliest.

Wednesday News Team