



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

WEDNESDAY NEWS

Issue No.113 1st August to 31st August 2020

Events/Talks/Seminars/Conferences

❖ INTERNATIONAL WEBINAR SERIES – III : FUNDAMENTALS IN MICROSOFT AZURE CLOUD

The department of Electrical and Electronics Engineering conducted the third webinar, titled “**Fundamentals in Microsoft Azure Cloud**” of the International webinar series, on **1st August 2020**, from 02:30-3:30 PM. The session was handled by Mr. **Nisanth DS**, Associate Consultant, Tata Consultancy Services, and UK. The session was inaugurated and chaired by Head of Department, Dr. M C John Wiselin .The event was coordinated by Ms. **Mrudula Murukan G** (Asst. Prof-EEE) and Ms. **Dhanya S Lal** (Asst. Prof-EEE). The webinar was conducted in the free online platform “Google Meet”.



The resource person, Mr. Nisanth DS started the presentation with an introduction to Cloud Computing and its relevance. Later, emphasized on the Microsoft’s open and flexible cloud computing platform, Microsoft Azure. The session ended with a live demonstration on



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

creating free account in Microsoft Azure cloud. A total of 154 participants registered from various colleges in Kerala and Tamil Nadu, and was attended by 115 participants including one host/presenter. The 115 participants were from the following colleges.

The participants actively participated in the webinar with constant interactions, followed by Q&A session and a chat-based feedback collection from all participants. All the participants were very much interested with the session. The overall feedback on the webinar was excellent. E-certificates were provided to all participants on successful completion of the session.

❖ WEBINAR ON, “IMPORTANCE OF ELECTRICAL DESIGNING IN MEP BUILDING SERVICES.”

The Department of Electrical and Electronics Engineering conducted a webinar on, **“Importance of Electrical Designing in MEP Building Services.”** on 5th August, 2020. The webinar intended to give an idea about the importance of Electrical Designing in MEP. The webinar was handled by **Mr. Baiju Raveendran, Director CommandTech Pvt Ltd, Thiruvananthapuram.** The webinar was coordinated by **Ms. Asna S Asok (Asst. Prof-EEE)** and she delivered the welcome address. Head of Department, Dr. M C John Wiselin, was the convener of this webinar and was conducted in “Google Meet” online platform.





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

Mr. Baiju Raveendran, talked about the importance of doing certified courses like MEP after Engineering, Scope of Electrical Engineers in BIM modeling, Role of Electrical Engineers in construction field, Positions of Electrical Engineers after MEP and salary package. He also illustrated their on-site projects in Saudi Arabia and Qatar. The different career options available for the students after B tech with a certified course like MEP were touched upon. A total of 69 participants registered for the webinar and 50 participants attended the webinar including the department staff. 15 Diploma students from various polytechnic colleges attended the webinar and 15 from other Engineering Colleges.

❖ INTERNATIONAL WEBINAR SERIES – IV: GIG EDUCATION- THE FUTURE OF EDUCATION

The Department of Electrical and Electronics Engineering conducted their fourth International webinar on “Gig Education- The Future of Education” on **6th August, 2020**, 10:30-11:30 AM. The webinar was handled by **Dr. Shankar**, Professor and Research Coordinator, Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia. The Head of Department, Dr. M C John Wiselin, inaugurated the webinar. The webinar was coordinated by **Ms. Liji Ramesan Santhi (Asst. Prof-EEE)** and **Ms. Mrudula Murukan G (Asst. Prof-EEE)**. Ms. Liji Ramesan Santhi (Asst. Prof-EEE) delivered the welcome address. The webinar was conducted in “Google Meet” online platform.





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

Dr. Shankar, talked about the importance of Gig Education, Education beyond 4.0, chronicle of education, Gig Educational Systems, Industry 4.0, how to facilitate learning of learners choice etc. A total of 161 participants registered from various colleges in Kerala and Tamil Nadu, and 109 participants attended the webinar. The 109 participants were from the following colleges.

The participants actively participated in the webinar with constant interactions, followed by Q &A session and a chat-based feedback collection from all participants. All the participants were very much interested and satisfied with the session. The overall feedback on the webinar was excellent. E-certificates were provided to all participants on successful completion of the session.

**❖ INTERNATIONAL WEBINAR SERIES – V :MACHINE LEARNING
IN NEURO IMAGING**

The Department of Electrical and Electronics Engineering organized their fifth International webinar on “**Machine Learning in Neuro Imaging**” on **10th August, 2020, 10:30 AM- 11:30 AM**. The webinar was handled by **Dr Jack Fredo, Post-Doctoral Fellow, Nanyang Technological University, Singapore**. The Head of Department, Dr. M C John Wiselin, inaugurated the webinar. The webinar was coordinated by Ms.Asna S Asok (Asst. Prof, EEE) and Ms.MrudulaMurukan G (Asst. Prof, EEE). Ms.Asna S Asok (Asst. Prof, EEE) delivered the welcome address. The webinar was conducted in “Google Meet” online platform.





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

The resource person, Dr. Jack Fredo started the presentation with an introduction to Neuro imaging. Later, emphasized on biomarkers for Autism, Brain Imaging, Neuro Imaging, Data processing etc. The session ended with a demonstration of his research results on neuroimaging. A total of 165 participants registered from various colleges from Kerala, Tamil Nadu and Karnataka. The webinar was attended by 84 participants including one host/presenter. The participants actively participated in the webinar with constant interactions, followed by Q&A session and a chat-based feedback collection from all participants. All the participants were very much interested and satisfied with the session. The overall feedback on the webinar was excellent. E-certificates were provided to all participants on the successful completion of the session.



❖ ORIENTATION PROGRAMME ORGANIZED BY DEPARTMENT OF MECHANICAL ENGINEERING

The department of Mechanical Engineering conducted an orientation program for the First year Mechanical Engineering and their parents on **19th August, 2020 (Wednesday)**. The program gave the students a chance to familiarize themselves with the vision, mission, infrastructure and facilities of the college. The event began with welcome note by **Mr. Midhun S S** (Asst. Prof- ME). He addressed the audience and presented before them an outline of the college, its accomplishments in various fields and opportunities. **Mr. Bijeesh P** (HOD-in-charge- ME) presided over the function and gave an inspiring speech to the students. **Mr. Robin David** (Asst. Prof - ME), addressed the students by outlining the importance of the session in the pandemic scenario. Faculty members of different departments attended the



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

program. The event was coordinated by **Mr. Midhun S S (Asst. Prof- ME)**, **Mr. Ajeesh A S (Asst. Prof- ME)** and **Mr. Sreejith S Nair (Asst. Prof- ME)**

❖ **AUTOMATIC SANITIZER DISPENSER**

A unit of the **Automatic Sanitizer Dispenser** designed by **Mr. Ajay Krishna (S3 ECE, 2019-2023 Batch)** was installed at the college lobby on **24th August 2020** at **11 AM**. This project is a great contribution to the society. The automatic sanitizer dispenser uses the most advanced technology as it automatically provides the sanitizer lotion to hands without touching any part of the item. It has a great value as it gives more security and responsibility. The product was designed and developed under the guidance of **Mr. Muhammed Anshad PY (Asst. Prof- ECE)**. The product was installed with the help of the college staff and was wall mounted. The whole event was also streamed live through google meet, which was managed by Mr. Dawn Sivan and compered by Ms. Anjana N. Many students and staff joined the live stream. The event was inaugurated by using the product firstly by Mr. Lenin Babu, followed by Ms. Sethu Parvathy, Mr. Chandu C. B, Mr. Dawn Sivan, and security staff. The audience was addressed Ms. Saheeda P. A. and the event concluded by an experience sharing of Mr. Ajay Krishna.



❖ **CSE DEPARMET CONDUCTED ONAM EVENTS FOR THE STUDENTS BOOKED FOR ADMISSION**

The department of Computer Science and Engineering conducted online Onam Events for first year CSE registered students on **29th August 2020**. **Ms. Anusree KS (Asst. Prof-**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

CSE) coordinated the programs. The events were Malayalam Essay Competition and Talent show. The selected best entries were:

Malayalam Essay writing: **Gouri**

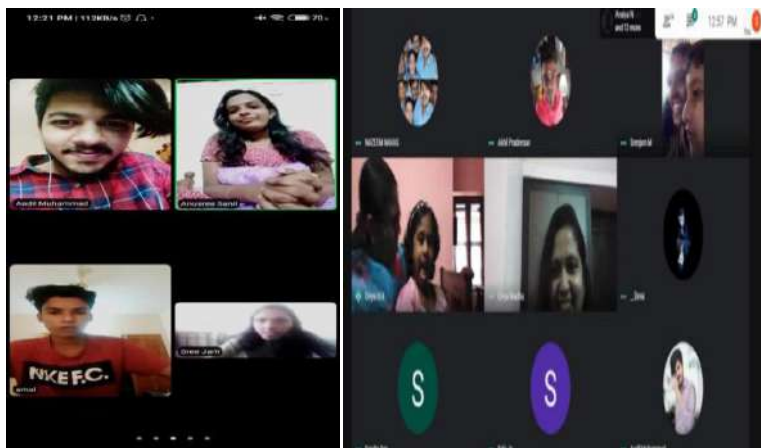
Song: **Athul Panicker and Aromal Anilkumar**

Dance: **Vidya D**



❖ **CSE DEPARTMET ONAM EVENTS**

S3 CSE conducted online Onam celebration “Perinoruonam” through Google Meeton **29th August 2020**. The programs were Anthakshari, Malayali Manka ,3 Minutes Malayalam Challenge. **Sandra SP** won the title “Malayali Manka”.



❖ **ELECTRONAM**

As part of **2020 Onam celebration**, **2017-2021 ECE batch** conducted ***ELECTRONAM*** on **29th August 2020**. The promo of the event was published on 27th August 2020.

There were two competitions,

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

1. Onathallu (virtual debate)
2. Onaruchi (recipe contest)

Onathallu was a great success which was conducted on 30th August 2020. Online platform was google meet. There were 9 participants. Arjunlal S and Nijoraj S U emerged as the best. The result was announced on 2nd September 2020. The second heated competition, Onaruchi is ongoing through online media (instagram). The result is scheduled to be published on 8th September 2020. Programme coordinators are **Divyamol N J and Aparna S B(S7 ECE)**.





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

❖ FIRST FOREIGN CONFERENCE BY A MECHANICAL ENGINEERING STUDENT FROM VIDYA

Thoufeek N A (S6 ME) from the Mechanical Engineering Department presented a research paper titled “**Effect of Cylinder Liner Thickness and Material on Stress Conditions and Temperature Distribution of Diesel Engines**” under the mentorship of Mr. **Robin David (Asst. Prof - ME)** and Mr. **Ajeesh AS (Asst. Prof - ME)** at the **5th International Engineering Students Conference (IESC)** organized by Faculty of Engineering Universitas Indonesia, held from 23 - 25 July 2020, in University of Indonesia Campus, West Java. This is the very first time a student from Mechanical Engineering Department is presenting a research paper at a foreign conference. According to the conference organizers, students from 7 countries presented their research works. It is indeed a matter of great pride that **Thoufeek N A** was the only student from India who got the opportunity to present a paper at the UG level. With this, Thoufeek has presented/published nine technical papers either as first author or co-author under the guidance of Mr. Robin David (Asst. Prof - ME)(National conference -2, International conference -4, Journals – 3).



The co-authors of the paper are **Vinay V A (S6 ME)** and **Mohammed Arif (S4 ME)**. The 5th International Engineering Students Conference (IESC) 2020 is an annual conference which aims to provide a scientific and networking platform for young researchers and

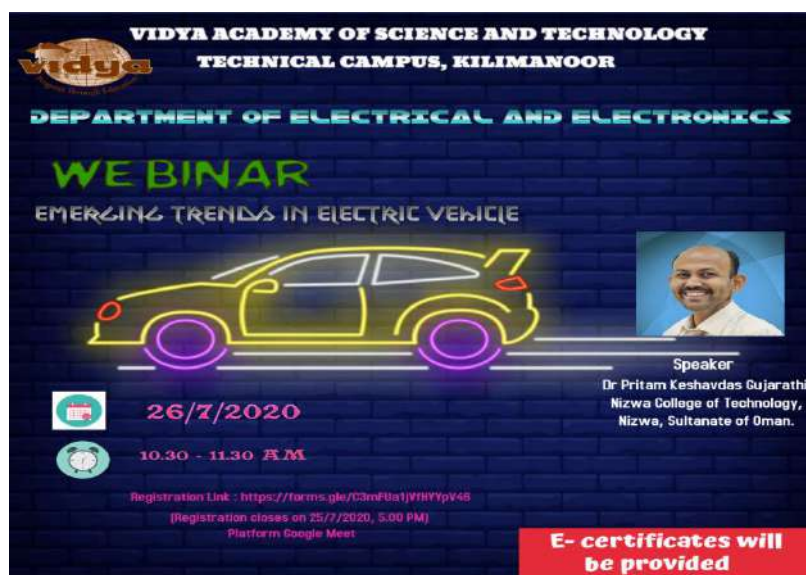


VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

students in the Engineering and Technology fields. Due to the present COVID-19 induced lock-down, the oral presentations were conducted through virtual platforms.

❖ **WEBINAR ON, “EMERGING TRENDS IN ELECTRIC VEHICLE”**

The department of Electrical and Electronics Engineering successfully conducted their first International webinar on, “Emerging Trends in Electric Vehicle” on 26th July, 2020. The webinar was handled by **Dr. Pritam Keshavdas Gujarathi, Professor, Nizwa College of Technology, Nizwa, Sultanate of Oman. Head of Department, Dr. M C John Wiselin**, inaugurated the webinar. The webinar was coordinated by Mr. Ranjith M (Asst. Prof, EEE) and Ms. Mrudula Murugan (Asst. Prof, EEE). Ms. Liji Ramesan Santhi (Asst. Prof, EEE) delivered the welcome address. The webinar was conducted in “Google Meet” online platform. Dr. Pritam Keshavdas Gujarathi, talked about pollution caused by vehicles, performance of vehicles, problems faced in manufacturing electric vehicles, Technology used in different parts of the world for manufacturing electric vehicles etc.



A total of 149 participants registered from various colleges in Kerala and Tamil Nadu, and 88 participants attended the webinar. The 88 participants are from Vidya Academy of Science and Technology Technical Campus Kilimanor, Younus college of engineering and technology kollam, Musaliar college of engineering, Muslim Association College of



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

Engineering, Mar Baselios College of Engineering and Technology, Jyothi Engineering College Cheruthuruthy Thrissur, Adi Shankara Institute of Engineering & Technology, MES Institute OF Tehnology and Management Kollam, Mount Zion Institute of Science & Technology Kozhuvallor, Sree Buddha College of Engineering, Albertian Institute of Science and Technology kalamassery, St Thomas college of engineering and technology chengannur, TKM Institute of Technology kollam, Sarabhai institute of science and technology vellanad, College Of Engineering Pathanapuram, Malabar Institute of Technology, Rajadhani Institute of Engineering and Technology, Bishop Jerome Institute kollam, St. Peter’s Institute of Higher Education and Research, UKF College of Engineering and Technology, AWH Engineering College ,Kuttikattoor, Royal College of Engineering & Technology, Vidya institute of science & technology, College of Engineering and Technology Payyanur, Government Engineering College Thrissur, National Institute Of Technology Calicut, Trinity College of Engineering, Government Engineering College Bartenhill, North Malabar institute of technology kanhangadkasargod, Marian Engineering College, Kazhakuttom, College of Engineering Pathanapurametc.The participants actively participated in the webinar by constant interaction and enquiries. The overall feedback of the webinar was excellent.

❖ WEBINAR ON “CAREER AND INNOVATION”

The department of Electrical and Electronics Engineering successfully conducted the International webinar series – “Career and Innovation” – for the second time on **29 July 2020**, 10:30-11:30 AM. The webinar was presented by **Dr. K Ravi Chandran, New York Institute of Technology, Abudhabi**, inaugurated by Head of Department, **Dr. M C John Wiselin**. Coordinators were **Ms.Karthka ET (Asst. Prof-EEE)** and **Ms.Mrudula Murugan (Asst. Prof-EEE)**. Head of Department, Dr. M C John Wiselin delivered the welcome address and session was conducted in “Google Meet” online platform.Dr. K Ravi Chandran, talked about curriculum support to bring out innovation, Innovation skills, Terms used to find out innovation skills, 9steps to improve innovation skills etc



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”



A total of 117 participants registered from various colleges in Kerala and Tamil Nadu, and was attended by 87 participants including hosts/presenters.

The participants actively participated in the webinar by constant interactions, followed by Q&A; a panel discussion with the presenters; and a chat-based feedback collection from all participants. Generally, participants received the webinar positively and appreciated the practical examples provided by the presentations. The overall feedback of the webinar was excellent.

❖ CSE DEPARTMENT ORGANIZED A MASH-UP OF EVENTS

The department of Computer Science and Engineering, VAST TC, Kilimanoor organized an event “**Vidya Iconic**”- a Mashup of Talent and Technical events from **15th July to 28th July 2020**. The winners of the events were announced on July 31st through Facebook and transferred the prize money and certificate to the winners.

The events were:



**VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor**
“A Unit of Vidya International Charitable Trust”



- Technical Quiz-** Technical quiz was conducted on 24th July at 11AM-12PM through Google form and the winners were Amina Vahab, Govt polytechnic punalur and Anantha Krishnan S, MGM Polytechnic college kilimanoor. On 29th July conducted the tie breaker quiz through Kahoot.com and Anantha Krishnan S, MGM Polytechnic college kilimanoor emerged as the winner. The prize for the winner was ₹1000. **Ms. Beena V R (Asst. prof CSE)** was the event coordinator.



- Art Competition:** For Drawing & Painting the topic was “Nostalgia- Life before COVID19”. The prize for the event was ₹500. Ms. Anjana A R, Government



**VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor**
“A Unit of Vidya International Charitable Trust”

Polytechnic, Ezhukone was selected as the winner. The Event was coordinated by **Ms. Sreejam M (Asst. Prof CSE).**



- **Craft Competition:** The different craft works allowed were Jewellery designing, glass painting, wall hangings, sponge work, bottle art etc. The first prize of ₹500 was won by **Kanchana M M**, Government Polytechnic, Ezhukone. **Ms. Divya M K (Asst Prof CSE)** coordinated the event.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”



❖ **MICRO GREEN FARMING PROJECT**

The NSS team of VAST TC came up with yet another idea to celebrate **World Nature Conservation Day** on **28.07.2020**, to promote farming and to grow green, leafy vegetables at our homes during this pandemic time. The program was conducted under the banner '**Micro Green Farming Project**'. They planned a week long program on 20.07.2020 by sharing the idea and encouraging both the staff and students to participate. The outreach of the project was overwhelming, with the students and faculty sending the photos and videos of their 'little green garden', on **28.07.2020**.





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”



❖ WEBINAR ON IOT AND ITS APPLICATIONS

The Department of Electronics and Communication Engineering conducted a webinar on IOT and its applications on 12th July 2020 from 11AM. The session was handled by Ms.Meenakshy Mohan, Assistant Project Engineer, Elementz Engineers Guild Pvt Ltd. Ms. Meenakshy is our ALUMNI 2015-19 Batch, ECE. The webinar explained the basics of IOT, its concepts and applications in the society now. The queries were well addressed making the session more interactive. Total 53 students from various Poly technic colleges attended. The session came to a close at 12:10PM





**VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor**
“A Unit of Vidya International Charitable Trust”

❖ **PROMOTIONAL ACTIVITY**

Placement details of the students of Electronics and Communication Department were published in July. The poster consolidating the details were published in Website and Facebook page.

❖ **STAFF ACHIEVEMENT**





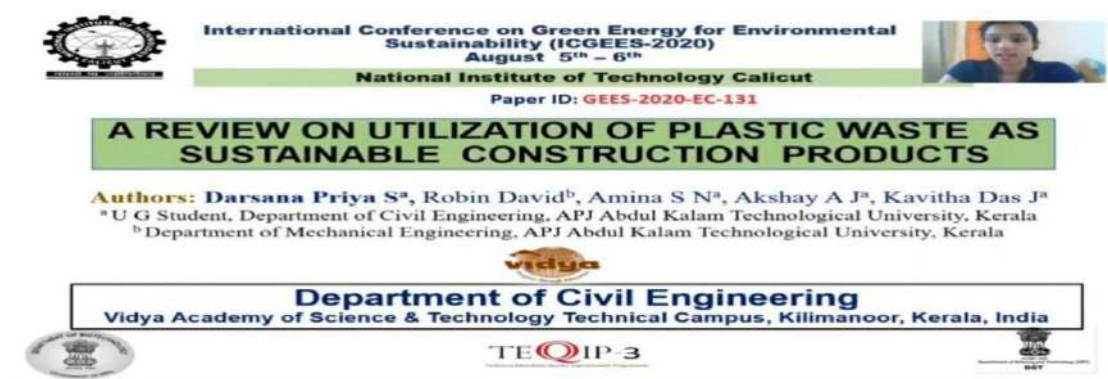
VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

▪ FIRST YEAR CIVIL ENGG. STUDENTS EXCEL UNDER THE MENTORSHIP OF ME DEPT. FACULTY AT THE INTERNATIONAL CONFERENCE HELD AT NIT CALICUT

Mr. Robin David(Asst.prof- ME) guided first year Civil Engineering Students towards an incredible achievement. The First year Civil Engineering student **Darsana Priya S (S2 CE)**, under the guidance ship of **Mr. Robin David**(Asst.prof- ME) presented a review paper titled “**A Review on Utilization of Plastic Waste as Sustainable Construction Products**” at the **International Conference on Green Energy for Environmental Sustainability (ICGEES 2020)** organized by **National Institute of Technology, Calicut (NITC)**. The co-authors of the paper are **Amina S N (S2 CE)**, **Akshay A J (S2 CE)**, and **Kavitha Das J (S2 CE)**. The conference was inaugurated by Prof Sivaji Chakravorti, Director, National Institute of Technology, Calicut and was held from 5th August to 6th August, 2020. Due to the present COVID-19 induced lock-down, the oral presentations were conducted through virtual platforms. According to the conference organizers, over 150 participants from different organizations and countries presented their research works at ICGEES 2020. The abstract of the paper presented by the students is published in the Book of Abstracts. It is expected that the full paper will be published in peer-reviewed International Journals. The students have indeed got an excellent entry by presenting their first paper at the most reputable institute of technology. This is indeed a proud moment for the Dept. of Civil Engineering with their students, in the freshman year, stepping out to achieve greater goals even during these challenging times.





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”



❖ **ONLINE LIVE TRAINING**

- **Mr. Suraj S R (Asst. Prof- CSE)** attended a one day online live training on data science using Python conducted by Finland labs – New Delhi on 8 /8/ 2020.

❖ **ONLINE INTERNSHIP**

- **Ms. Sreejam M (Asst. Prof-CSE)** completed a one week internship on “Ethical hacking” organized by NSS Unit of University College of Engineering, Karyvattom in association with C-DAC from 11/8/2020 to 17/8/2020.



- **Ms. Athulya Kamalasanan (Asst. Prof CSE)** completed the following courses
 - ✓ A course on image processing with python organized by coursera project network on 27/7/2020.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

- A course on Facial expression recognition with keras organized by coursera project network on 27/7/2020

❖ FACULTY DEVELOPMENT PROGRAMME



- **Ms. Anjana N (Asst. Prof-ECE)** completed a 5 day FDP on **“CDAC Digital Forensics & Information Gathering”** from **18th August to 22nd August 2020**.
- **Mr. Robin David (Asst. Prof- ME)** completed a one week online Faculty Development Programme on **‘Advances in Materials Engineering and Sustainable Manufacturing’** held from **10th August to 14th August 2020** organized by Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala.
- **Mr. Suraj SR (Asst. Prof- CSE)** and **Mr. Vinod T F (Hardware and Network Tech)** attended a 6 day online Faculty Development Programme on **“Learning Management System (Moodle)”** from **10th August - 15th August 2020** organized by Department of Computer Science and Engineering, St. Joseph’s College of Engineering and Technology, Palai.
- **Ms. Anjana. N** Assistant Prof- ECE completed a 4 day FDP on Emerging Research Trends in VLSI, MEMS and Signal Processing organised by Saingits College of Engg from 10th August to 13th August, 2020
- **Mr. Suraj SR, Ms. Sreejam M (Asst. Prof-CSE), Ms. Beena V R (Asst. Prof –CSE)** and **Mr. Dheeraj K M (Asst. Prof, ME)** attended a one day Faculty Development Program on **“Teaching and Learning – An Online Approach”** organized by the Department of Electrical and Electronics Engineering, Ahalia School of Engineering and Technology, Palakkad in association with the **Indian Society for Technical Education**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

(ISTE) on 1st August, 2020.

- **Mr. Suraj S R, Ms. Sreejam M, and Ms. Anusree K S(Asst. Prof-CSE)** attended a two day Faculty Development Programme on **“IOT Protocols and Security”** organized by the Department of Computer Science & Engineering, Toc H Institute of Science and Technology in association with Computer Society of India, on **29th and 30th July 2020**.
- **Mr. Jithin Prem S. (Asst. Prof – CE) and Ms. Rini Madhavan Rajeev (Asst. Prof - CE)** attended a 3 - day International online Faculty Development Program on **“Smart Solutions in Civil Engineering”**, organized by the Dept. of Civil Engineering, S.R.M. Institute of Science and Technology, Ramapuram from **21st July to 23rd July, 2020**.
- **Mr. Jithin Prem S. (Asst. Prof – CE) and Ms. Rini Madhavan Rajeev (Asst. Prof - CE)** attended a 6 – day online Faculty Development Program on **“Current Scenari on Emerging Trends in Construction Management”**, organized by the Dept. of Civil Engineering, Toc H. Institute of Science and Technology, Arakkunnam, from **27th July to 1st August, 2020**.
- **Ms. Rini Madhavan Rajeev (Asst. Prof – CE)** participated in a 3 – day online Faculty Development Program on **“Mathematical Modelling in Civil Engineering”**, organized by the Dept. of Civil Engineering, S.C.M.S. School of Engineering and Technology, Eranakulam from **5th August to 7th August, 2020**.
- **Ms. Neethu Nadesh and Ms. Anjana.N (Asst. Prof- ECE)** completed a 3 day FDP on **“Emerging Trends in Machine Learning and its Applications”** UCE, Kariavattom from **5th to 7th August 2020**.
- **Ms Sreejitha S G(Asst.Prof-ECE)** completed AICTE- ATAL sponsored an online five day Faculty Development Programme on **“Biomedical Instrumentation- Research Challenges”** held during 24th-28th August, 2020 by the Department of Electrical and Electronics Engineering, Amal Jyothi College of Engineering, Kanjirappally-Kerala.
- **Ms. Divya Madhu (Asst. Prof. & HoD- CSE)** attended a six day AICTE Sponsored Short Term Training Program on **Block chain Fundamentals** from **24th August to 29th August 2020** organized by SAINTGITS College of Engineering.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

- **Ms.Anjana N(Asst. Prof-ECE)**completed a 3 day FDP on “**Effective Online Teaching Tools**” organised by Mar Baselios College of Engineering and Technology. Thiruvananthapuram from **29th to 31st July ,2020**
- **Ms.NeethuNadesh (Asst .Prof-ECE)** completed a 5 day FDP on "**Applications of Industry 4.0 &IoT in the field of Engineering and Medical**” conducted by Pantech webinars on **27th to 31st July,2020**
- **Mr.JithinPrem S. (Asst. Prof - CE), Ms.Ranikrishna T.S. (Asst. Prof - CE), Mr.Hariprasad T.R. (Asst. Prof - CE) andMs.RiniMadhavan Rajeev (Asst. Prof - CE)** attended a 5 - Day online Faculty Development Program on “**Sustainability Aspects and Recent Trends in Civil Engineering – The Future Scenario**”, organized by the Dept. of Civil Engineering, B.N.S. Institute of Technology and Management, Bengaluru in association with Paradigm Environmental Strategies (P) Ltd., Bengaluru, from **14th July to 18th July, 2020.**
- **Ms.Sethuparvathy S. (Asst. Prof - CE), Mr.JithinPrem S. (Asst. Prof - CE) andMs.RiniMadhavan Rajeev (Asst. Prof - CE) and Ms.Anju S. (Asst. Prof - CE)** attended a one week online Faculty Development Program on “**Research Opportunities in Environmental Engineering**”, organized by the Dept. of Civil Engineering, BharatiVidyapeeth, College of Engineering, Pune in association with the Dept. of Civil Engineering ShahajiraoPatilVikasPratishthan’s S.B. Patil College of Engineering, Pune from **20th July to 25th July, 2020.**

❖ **WEBINAR**





VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”

- **Ms Saritha.U.M (Asst.Prof-AS)** attended an online webinar on “ **A journey from Arithmetic to Mathematics** “ handled by Dr. K. Satheesh Kumar organized by Department of Humanities & Science, UKFCET on **6th August ,2020**.
- **Ms. Beena V R (Asst. Prof- CSE)** attended an online webinar on **11th August 2020** organized by the Department of Computer science and Engineering, Mahaguru Institute of Technology on the topic **Introduction to Artificial intelligence- Machine Learning and Deep Learning**.
- **Ms.Asna S Asok. (Asst.Prof-EEE), Ms. Mrudula Murukan G (Asst.Prof-EEE), Ms.Dhanya S Lal (Asst.Prof-EEE), Ms.Karthika ET (Asst.Prof-EEE), Ms.Divya Sabu (Asst.Prof-EEE), Ms.Liji Ramesan Santhi(Asst.Prof-EEE)** attended an online webinar on "**Vehicle electrification Challenges and Opportunities**"organized by IEEE IAS SBC UKFCET on **8th August ,2020**.
- **Ms.Asna S Asok. (Asst.Prof-EEE),Ms. Mrudula Murukan G (Asst.Prof-EEE),Ms.Dhanya S Lal (Asst.Prof-EEE),Ms.Karthika ET (Asst.Prof-EEE),Ms.Divya Sabu (Asst.Prof-EEE),Ms.Liji Ramesan Santhi(Asst.Prof-EEE)** attended an online webinar on "**AN OVERVIEW OF POWER TRANSMISSION**"organized by IEEE IAS SBC UKFCET on **8 th August ,2020**.
- **Ms.Asna S Asok. (Asst.Prof-EEE),Ms. Mrudula Murukan G (Asst.Prof-EEE),Ms.Dhanya S Lal (Asst.Prof-EEE),Ms.Karthika ET (Asst.Prof-EEE),Ms.Divya Sabu (Asst.Prof-EEE),Ms.Liji Ramesan Santhi(Asst.Prof-EEE) ,Mr. Ranjith M (Asst. Prof-EEE)** attended an online webinar on “**Integrated Battery Charges-EV**”organized by IEEE IAS SBC UKFCET on **9th August ,2020**.
- **Ms.Asna S Asok. (Asst.Prof-EEE),Ms. Mrudula Murukan G (Asst.Prof-EEE),Ms.Dhanya S Lal (Asst.Prof-EEE),Ms.Karthika ET (Asst.Prof-EEE),Ms.Divya Sabu (Asst.Prof-EEE),Ms.Liji Ramesan Santhi(Asst.Prof-EEE)** attended an online webinar on “**Windfarm Modelling**”organized by IEEE IAS SBC UKFCET on **10th August 2020**
- **Ms.Sreejitha SG A(Assist.Prof-ECE)**attended a webinar on "**Autonomous Mobile Robots**" by IEEE SB SJCET on **27th July,2020**.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

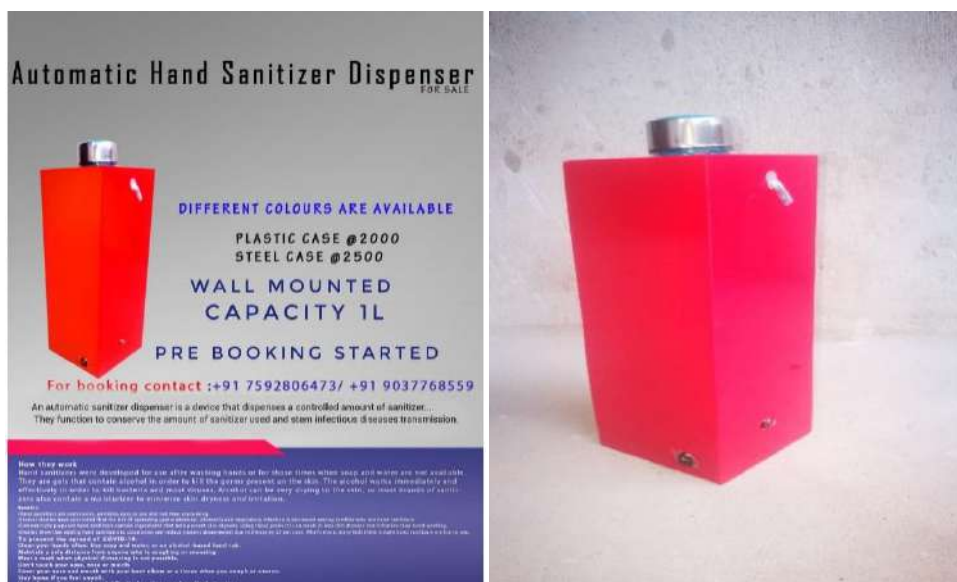
Kilimanoor

“A Unit of Vidya International Charitable Trust”

- **Mr. Suraj S R (Asst. Prof CSE)** attended a webinar on **“Computational Biology: Towards Personalized Medicine”** on **28th July, 2020** organized by Department of Computer Science and Engineering (NBA Accredited), College of Engineering Kidangoor.

❖ ACHIEVEMENT OF STUDENTS

- **Mr. Ajay Krishna (S3 ECE)** built an **Automatic Hand Sanitizer Dispenser**, with the support from his classmates and with the guidance of **Mr. Muhammed Anshad PY (Asst. Prof – ECE)**. The dispenser Unit will be installed in the college reception



❖ CE STUDENTS BAGGED PRIZES IN ONLINE COMPETITIONS ORGANIZED BY APJKTU NSS

Ms. Mariyath Yousaf (S5 CE) bagged the first prize in an online dance competition held by the National Service Scheme Unit, College of Engineering, Pathanapuram. Along with her **Ms. Akshaya Ratheesh (S3 CE)** and **Ms. Aiswarya Ganga G. R. (S3 CE)** sharing the third prize for the same event. The competition was organized as part of the online fest 'Agneya 2020', conducted for celebrating Women's Equality Day on 26th August, 2020.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”



❖ **MECHANICAL ENGINEERING STUDENTS PRESENT RESEARCH PAPER @NIT CALICUT**

The student Adhillqbal (S8 ME) under the guidance ship of Mr. Robin David (AP, ME) presented a review paper titled “*Environmentally- Friendly Thermal Insulation Panel Boards from natural or recycled Materials: A Review and Comparative Analysis*” at the **International Conference on Green Energy for Environmental Sustainability (ICGEES 2020)** organized by **National Institute of Technology, Calicut (NITC)**, held from **5th – 6th August 2020**. The co-authors of the paper are **Sijo G Joy (S8 ME), Sharukhan S (S8 ME) & Anandu M S (S8 ME)**. This is the 2nd International Conference related to their final year project work. Although the students have presented papers at Conferences organized by many Institutes, this is the very first time that they got an opportunity to present a paper at the most reputed institute of technology. According to the conference organizers, over 150 participants from different organizations and countries presented their research works at ICGEES 2020. Due to the present COVID-19 induced lock-down, the oral presentations were conducted through virtual platforms. The abstract of the paper presented by the student is published in the Book of Abstracts. It is expected that the full paper will be published in peer-reviewed International Journals.

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –

Kilimanoor

“A Unit of Vidya International Charitable Trust”



International Conference on Green Energy for Environmental Sustainability (ICGEES-2020)
August 5th – 6th
National Institute of Technology Calicut

Paper ID: **GEES-2020-EC-098**

ENVIRONMENTALLY- FRIENDLY THERMAL INSULATION PANEL BOARDS FROM NATURAL OR RECYCLED MATERIALS: A REVIEW AND COMPARATIVE ANALYSIS

Authors: Adhil Iqbal^a, Robin David^b, Sijo G Joy^a, Anandu M S^a, Sharukhan^a
^a U G Student, Department of Mechanical Engineering, APJ Abdul Kalam Technological University, Kerala
^b Department of Mechanical Engineering, APJ Abdul Kalam Technological University, Kerala

Department of Mechanical Engineering
Vidya Academy of Science & Technology Technical Campus, Kilimanoor, Kerala, India

TEQIP-3



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS, KILIMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING

Congratulations

ADHIL IQBAL S8ME **SIOJO G JOY S8ME** **ANANDU M S S8ME** **SHARUKHAN S S8ME**

For Presenting Research Paper at
International Conference on Green Energy for Environmental Sustainability [ICGEES 2020]
 Organized by
National Institute of Technology Calicut [NITC]
 held on 5th -6th August

❖ Paper Publication



- ❖ Thoufeek N A (S6, ME) published a research paper titled “Stress Analysis in Cylinder Liner for TATA Indica V2 Diesel Engine” in the *Global Research and Development Journal for Engineering*. The paper was co-authored by Vinay V A (S6,



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

ME), **Mohammed Arif** (S4, ME), **Mr. Robin David** (Asst. Prof, ME) and **Mr. Ajeesh A S** (Asst. Prof, ME). The paper was published in the e-journal, Volume 5, Issue 8 in July 2020.

❖ **COURSERA**



- **Aiswarya N. S. (S6 CE)** completed an online course on **“Introduction to Sustainability”** authorized by University of Illinois at Urbana – Champaign, on **12th August, 2020** and offered via Vidya + Coursera account.
- **Shidin S. D. (S6 CE)** completed an online course on **“The Science of Well - Being”** authorized by Yale University on **1st August, 2020** and offered via Vidya + Coursera account.
- **Ajeesh T R (S3EEE)** 2019-23 batch completed Specialisation in Data Science authorized by Johns Hopkins University, and offered through Coursera+Vidya account. The Specialisation includes 10 courses with time duration of 43 weeks.
- **Anandu Krishnan (S3EEE)** 2019-23 batch completed a coursera course on Machine Learning for all authorized by Johns Hopkins University, and offered through Coursera+Vidya account on **23rd August 2020..**

❖ **ONLINE INTERNSHIP**

- **Aadil Muhammed A , Ashik Muhammed S , Bibin Binu, Devanand, Akshaya Prathap, Drishya Sajeev, Irfana S, Sandra S P** of **S3CSE** completed a one week internship on **“Ethical hacking “** organized by **NSS Unit of University College of Engineering, Karyvattom** in association with **C-DAC** from **11/8/2020 to 17/8/2020.**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

❖ **ONLINE TRAINING**

➤ **Nimisha R S and Nayanthara P M of S4 CSE** successfully completed a six week online training on “Web Development” from INTERNSHALA TRAININGS from 15th July , 2020 to 27th July, 2020

❖ **WEBINAR**



- **Sandra SP, Abdulla Hashim, Farzana S, Salu J Suman, Sreelekshmi B S, Rajalekshmi J , Jyothirmayi S, Jithin Madhav, and Aadhil Muhammed (S2 CSE)** participated a webinar on “ **Fundamentals Of Microsoft Azure Cloud**” organized by Department of Electrical and Electronics Vidya Academy of Science and Technology Technical Campus On **1/8/ 2020**
- **Vaishnavi Suresh, Sumayya R and Drisiya J. and Muhammed Sha(S4CE)** participated in the online webinar series on “**Industrial Expectations in Civil Engineering**”, organized by REACH Association, Dept. of Civil Engineering, St. Xavier’s Catholic College of Engineering, Tamilnadu, from **30th July to 1st August, 2020.**
- **Muhammed Sha S. A. (S4CE)** participated in a 5 – day long webinar series on “**Civil Designing**”, conducted by Rajadhani Finishing School, Thiruvananthapuram, from **1st August to 5th August, 2020.**
- **Gouri D B of S4 CSE** attended a webinar on “**The Introduction to Tinkercad**” organized by **Jansons Institute Of Technology - IEEE Student Branch (STB09271) & WIE Affinity Group (STA09271)** on **01/08/2020.**
- **Shahna S (S6 CSE)** attended a Webinar on “**Importance of Electrical Designing in**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

MEP Building Services” organized by Department of Electrical & Electronics Engineering on **5-Aug-2020**

- **Krishna B Nair, Salu J Suman, Farzana S, Jyothirmayi SL and Sandra SP (S2 CSE)** attended a webinar on **”Gig Education- The future of Education”** organized by Department of Electrical and Electronics Vidya Academy of Science and Technology Technical Campus on **6/8/2020**
- **Vaishnavi Suresh (S4 CE), Abi. S. Santhosh (S4 CE), AryaVijayan (S6 CE), Arsha S. (S6 CE) Arsha S.S. (S4 CE), Remya S. (S4 CE) and Anupama C.S. (S6 CE)** participated in a 3 day online webinar series on **“An Insight into Geospatial Technologies in Civil Engineering”**, organized by the Dept. of Civil Engineering, T.K.M. Institute of Technology, Karuvelil, from **6th August to 8th August, 2020.**
- **SuvinDev (S4 CE)** participated in an online webinar on **“Introduction to Artificial Intelligence – Machine Learning & Deep Learning”**, organized by the Dept. of Computer Science and Engineering, Mahaguru Institute of Technology, Kattachira, on **11th August, 2020** and also participated in an online webinar on **“Microplastics”**, organized by the Dept. of Mechanical Engineering, S.H.M. Engineering College, Kadakkal, on **8th August, 2020.**
- **Akshay J, Akshaya Prathap and Sandra SP of S2 CSE** attended an online webinar on **”Micro plastics”** organized by Department of Mechanical Engineering SHM Engineering college on **August 8 ,2020 .**
- **Sandra SP, Ansiya N of S2 CSE** attended an online webinar on **“ introduction to Artificial Intelligence- Machine Learning & Deep Learning”** organized by Department of Computer Science and Engineering of Mahaguru Institute of Technology On **August 11, 2020**
- **Drishya Sajeev of S2 CSE** attended a webinar on **“Cyber Space : Myths and facts”** conducted by GADS on **12/08/2020**
- **Sreelekshmi B S, Jyothirmayi SL, Sandra SP, Salu J Suman, Farzana S, Jithin Madhav, Krishnaprasad PA, Drisya Sajeev, Akshay J Bibin Binu, Rajalakshmi J, AnsiyaS, Irfana S (S3 CSE)** attended a webinar on **“Object Oriented Programming**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

Through Java” hosted by Department of Computer Science and Engineering , College of Engineering Pathanapuram on **16 August 2020**

- **Anitha Jose (S5 CSE)** attended a webinar on **“Emerging Trends in Electric Vehicle”** organized by the **Department of Electrical and Electronics Engineering** Musaliar College of Engineering, Chirayankeezhu in association with **NoviTech**, Ernakulam on **15th August**
- **Suvin Dev (S4 CE)** participated in an online webinar on **“Object Oriented Programming through Java”**, organized by College of Engineering, Pathanapuram, in association with NoviTech, Ernakulam, on **16th August, 2020.**
- **Remya S. (S4 CE)** participated in an online webinar on **“Status & Direction of Higher education in the Changing Scenario”**, organized by the National Service Scheme Unit, Government College Mahidpur, U.P., and sponsored by the Higher Education Govt. of M.P Under World Bank Schem MPHEQIP, on **20th August, 2020**
- **Lekshmi K J(S5 CSE)** participated in a Webinar on **Object Oriented Programming Through Java** organized by College of Engineering , Pathanapuram in association with NOVITECH, Ernakulam on 16th August 2020.
- **Selsha C S of S5 CSE** participated in a Webinar on **“Introduction to AI- ML and DL”** Organized by Dept of CSE, Mahaguru Institute of Technology, Pallickal, on **11/8/2020**
- **Sreerag S Sivan of S5 CSE** participated in an International Webinar on **“Cyber Security Risk and Challenges due to Covid-19”** Organized by Dept of CSE, Amity University, UAE on 14/8/2020 and a Webinar on **“Health Care and Patient Monitoring System with IoT”** Organized by Dept of CSE&IT, University College of Engineering, Thodupuzha, on 21/8/2020.
- **Sandra SP of S3CSE** attended a webinar on **“ Artificial Intelligence with Deep Learning”** organized by Department of Computer Science SIVET College Chennai in association with Novitech Ernakulam on **August 28 2020**
- **Ansiya S, Drishya Sajee, Sandra S P of S3CSE** attended an online webinar on **“Career and Job Readiness for the New Age Digital Workplace ”** organized by **NSS Unit of University College of Engineering, Karyvattom** on **29/8/2020.**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

- **Pavithra B, Selsha C S, Sreerag S Sivan and Arya A R** of S5 CSE attended a Webinar on “Object Oriented Programming Through Java” organized by Dept of CSE, College of Engineering, Pathanapuram on 16th August 2020
- **Gouri B** of S4 CSE attended a webinar on "The Space Scientists - Astronomy Exploring Time & Space" organized by Jansons Institute Of Technology and Galileo Science Club on 26/07/2020.

❖ **QUIZ**



- **Aromal Biju** (S5 CSE) won the **second prize** in **Let's Get Quizzical** University level online quiz competition held on **15 the August 2020** conducted by **APJ Abdul Kalam Technological University NSS cell** under the initiative of NSS unit of LBS college of Engineering, Kasargod.
- **Abdulla Hashim and Sandra S P** (S3 CSE) participated in an online Quiz “**Satyagraha**” conducted by NSS, University Institute of Technology Papanamcode on August 15.
- **Akshaya Prathap** of S3 CSE has participated in an online Quiz “**AUTARKY**” organized by NSS unit of Mar Ivanios College Trivandrum on 15/8/2020 and 16/8/2020 with a score 61.
- **Lekshmi R. K.** (S4 CE) participated in a university level online quiz competition “**Let’s Get Quizzical**”, organized by APJ Abdul Kalam Technological University NSS CELL under the initiative of NSS Units of LBS College of Engineering, Kasargod, on 15th August 2020.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

- **Remya S, Sumayya R and Sreelekshmi R.S (S4CE)** participated and scored 100% in online awareness quiz on World Hepatitis Day, organized by the National Service Scheme and Youth Red Cross, Jansons Institute of Technology, Coimbatore from **28th July to 31st July 2020.**
- **ShahnaS ,Ardrasugathanand Anusree S Sof S6 CSE** attended an Operating System Quiz: Series-1 on 25/07/2020 organized by Department of Computer Science & Engineering and Information Science & Engineering in association with HKBKCE-CSI Student Branch and HKBKCE- Innovation Club.



❖ **STUDENT COMPETITION**

- **Mariyath Yousaf** participated in various competitions conducted by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY NSS CELL under the initiative of NSS units of T.K.M. Institute of Technology, Kollam.
 - ✚ Achieved **second** position in the event **“EXTEMPORE (ENG)”** in the state level online NSS fest PHOENIX 2020,
 - ✚ Participated in the event **“FILM REVIEW”** in the state level online NSS fest PHOENIX 2020
 - ✚ Participated in the event **“WESTERN DANCE”** in the state level online NSS fest PHOENIX 2020,
 - ✚ Participated in the event **“STORY WRITING MALAYALAM”** in the state level online NSS fest PHOENIX 2020

❖ **ONLINE DRAWING COMPETITION**



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS –
Kilimanoor
“A Unit of Vidya International Charitable Trust”

- **Pavithra B** of S5 CSE participated in an online drawing competition organized by NSS Unit: 248 & 532 of Heera college of Engineering and Technology.

❖ **NEWLY JOINED FACULTY/STAFF**

Name of Faculty/Staff	Department	Designation	Remarks
Mr. Dawn Sivan	Electronics and Communication Engineering	Assistant Professor(contract)	18/08/2020

CONTRIBUTORS TO THIS EDITION

Dr. T. MathavarajRavikumar(Principal), Ms. DivyaMadhu (HoD in charge CSE), Mr.Ramu Rajendran(Asst.Prof ME), Ms Anjana.(Asst.Prof ECE),Ms.Karthika E.T.(Asst.Prof EEE) ,Ms RiniMadhavan Rajeev(Asst.Prof.CE),Ms Sreejam.M (Asst. Prof CSE),Ms Abitha (Asst.Prof A.S) Ms VigithaVidyadhar (Asst.Prof A.S) 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@vidyatcklmr.ac.in. We shall get back to you at the earliest.

Wednesday News Team