Annual report on the activities of Vidya Academy of Science and Technology Technical Campus for the academic year 2021-22

STUDENT ACADEMIC RESULTS

KTU (2017-2021) batch has graduated and the graduate figure is as follows

Branch	Year	Total Students appeared	No of students Graduated
CE	2017-21	57	34
ME	2017-21	45	16
ECE	2017-21	26	10
CSE	2017-21	33	6
EEE	2017-21	34	13

- Aiswarya N.S., Ajumal Ali, Anjitha,Anupama C.S.,Kavitha,Keerthu Anil,Amal Raj U R, Arsha S,Arya Vijayan, Jissa Jaison,Chippy Sajanan, Aswathy S secured 10 CGPA in S8 CE (2017-21 batch)secured 10 CGPA in S8 KTU Results.
- Pradipta Mukherjee and Shahana S of S8 CSE (2017-21 batch) secured 10 CGPA in S8 KTU Results.
- Aparna, Shahina S R and Archana G M of S8 EEE (2017-21 batch) secured 10 CGPA in S8 KTU Results.
- Avani A S, Sreelekshmi M S, Sarika S., Subin S of S8 EEE (2017-21 batch) secured 10 CGPA in S8 KTU Results.
- Ananthakrishnan V,Adarsh V,Athul K Uday,Chirath N Vijay, Goutham Krishna V, Prathibha Chandran,Reshma Ajith,Thoufeek N A., of S8 ME (2017-21 batch) secured 10 CGPA in S8 KTU Results.

ADMISSION 2021-22

Total of 199 students were admitted in the year 2021-22. The branch wise figure is as:

Programme name	Number of seats sanctioned	Number of Students admitted
B.Tech. Computer Science and Engineering	60	60
B.Tech. Electrical and Electronics Engineering	60	29
B.Tech. Electronics and Communication and Engineering	60	31
B.Tech. Mechanical Engineering	60	36
B.Tech. Civil Engineering	60	43

I would like to express my sincere appreciation and gratitude to all Trustees, Management, all Staff members and PTA for their support and involvement in the admission process.

An induction program for the first-year students was organized from 22nd to 27th of November 2021. Eminent personalities from different areas along with our teachers handled the sessions. Students overwhelmingly rated the course as a very enjoyable, stimulating class and strongly endorsed the teachers providing a supportive and friendly atmosphere. They highly rated sessions as well-organized that include professional speakers, motivational videos, theme skit, soft skills, product design, puzzles /games, posters/sculptures/models, yoga.

MAJOR EVENTS/ACTIVITIES

- The Department of Civil Engineering conducted an online hands-on training workshop on Fusion 360' for third year and fourth year Civil Engineering students of our college on 2nd June, 2021.

- The Electrical and Electronics Department of VAST TC conducted an interactive talk on FOURTH INDUSTRIAL REVOLUTION for EEE students on 12th June, 2021.

- The ELECTA, Association of Electronics and Communication Engineering Department conducted an inter college webinar on "Cyber Security and Ethical Hacking" on 16th June 2021.

- The Electrical and Electronics Department of VAST TC and IQAC conducted a webinar on "Automotive Electrification" for the faculty members and students of VAST TC and NICHE on 9th August 2021.

- The Electrical and Electronics Department of VAST TC conducted a webinar on Career Opportunities in Electrical Engineering for 2021-2025 batch EEE students on 2nd September 2021

- A webinar on Career Opportunities in Electronics and Communication Engineering was conducted on 3rd September 2021 by the Department of Electronics and Communication Engineering.

- Vidya Academy of Science and Technology Technical Campus (VAST TC), Kilimanoor hosted Scholarship Distribution Function 2021, on 15th of September 2021 on online platform ZOOM.

- IEDC VAST TC conducted the inauguration of "Innovation Premier League Launch 2021 @ VAST TC" on 12th October, 2021.

- The ELECTA, Association of Electronics and Communication Engineering Department conducted an inter college webinar on "MACHINE LEARNING: CURRENT AND FUTURE TRENDS". Dr. Sujith Mangalath, Researcher in the field of Machine Learning.

- The Electrical and Electronics Department in association with TESLA, conducted a webinar on "A Guide for solving Engineering Projects' for second year and third year EEE students on 3rd February 2022.

- The National Assessment & Accreditation Council (NAAC) has granted Accreditation B++ grade (CGPA:2.79) status to VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS, KILIMANOOR on 08-02-2022.

- The AAC Device developed by the Department of Electronics and Communication Engineering for Entry level AAC Device Development Challenge organised by CATI-NISH and APJ AKTU is selected as the FINALIST (top 3 selected from the last level of top 5). Hon. Minister for Higher Education & Social Justice - Dr. R. Bindu inaugurated the function at NISH at 10 AM, on 25/07/2022 and awarded the certificate.

- Vidya Academy of Science and Technology Technical Campus, Kilimanoor organized an International Webinar titled 'Higher Education and Job Opportunities Abroad' - (An interactive session for the Diploma and Engineering Students

- The ELECTA, Association of Electronics and Communication Engineering Department conducted an inter college webinar on "MACHINE LEARNING: CURRENT AND FUTURE TRENDS"

- The Department of Computer Science & Engineering, VAST TC, in association with CODIAC organized a One Day On - the - job Training (OJT) on "Computer Hardware & Networking" on 2nd March 2022.

- The Department of Civil Engineering and RACE (Regal Association of Civil Engineers) organized 'SRISHTI', a 3day workshop series on career development in Civil Engineering, spanning from 26th to 28th April 2022.

- Vidya Academy of Science and Technology Technical Campus, Kilimanoor organized the Annual Sports Meet INFINITO 2K22 on 28th May 2022

Apart from the mentioned events there are many more events conducted during this year.

NSS

- The NSS unit of VAST TC organized an online road safety awareness class at 11: 00 A. M. via Google Meet on 15th August, 2021 aimed at enlightening the students on the importance of obeying safety rules on the road. The interactive session was handled by Mr. Suresh K Vijayan, Assistant Motor Vehicles Inspector, Sub RT Office, Punalur

- The NSS unit of VAST TC organized an Onam Kit distribution programme, under the banner 'Kanivu', on 19th August, 2021.

- 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 NSS volunteers of VAST TC organized a Community Clean-up Campaign at the Kilimanoor Police Station on 29.12.2021, Wednesday.

- The NSS Unit of VAST TC actively participated in the road maintenance activities along the Navaikulam - Thumpodu road on 08.01.2022

- The NSS Unit at Vidya Academy of Science and Technology Technical Campus conducted a 7 day camp 'NAVAMI' for the NSS volunteers.

- NSS Unit of VASTTC organized Mock drill by Venjaramoodu Fire and Safety Officers in connection with the Technical Fest held on 6th May, 2022 in the College Campus.

- The NSS Unit of VAST TC organised the event 'MAKE YOUR PALM PRINT – Leave your mark' as part of Anti – Terrorism Day on 21st May, 2021 from 9:00 a.m. to 10:00 a.m. The event aimed at spreading an awareness about the gruesome disasters caused as a result of terrorism all over the world

MAJOR ACHIEVEMENTS OF FACULTY AND STAFF MEMBERS

- Mr. Midhun S S published a journal paper titled, "Stimulus Responsive Remotely Rupturable Marbles Realized through a Hybrid Nanoparticle Concept" in the LANGMUIR journal published by American Chemical Society (ACS). The article was published on 1st July, 2021.

- Mr. Chandu C B (Assistant Professor & Tech Team Coordinator, Dept. of ECE) for presenting a paper titled "Review on Recent advances in Optical Amplifiers for Mode Division Multiplexing (MDM) transmission system"", submitted at International Conference on Sustainable Developments in Materials Science, Technology and Engineering (ICSDMSTE 2022) organized by Lincoln University College, Malaysia held from 22nd-23rd April 2022.

- Mr. Robin David (Asst.Prof-ME) has been selected as the Reviewer of the esteemed journal Environmental Science and Pollution Research (ESPR), published by Springer Nature. Springer Nature is a global publisher that serves and supports the research community

- Mr. Unnikrishnan M A, Assistant Professor ME has been awarded PhD

- Ms. Sreejitha S G and Mr.Chandu C B- Assistant Professors, Department of Electronics and Communication Engineering and Ms. Beena V R , Assistant Professor CSE has enrolled as a Part Time Research Scholar under KTU.
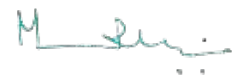
MAJOR ACHIEVEMENTS OF STUDENTS

Other notable achievements of our students are:

- Mr. Jishnu B (S7 ME) from the Mechanical Engineering Department presented a research paper titled "Multi-Function Operating Machine" 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. The co-authors of the paper are Sanil J R (S6 ME) Adarsh P Deep (S6 ME) and Thaufin A N (S6 ME)

- Navaneeth P S and Pavithra B, (S7 CSE) received NSS Volunteership Certificate from NSS APJ Abdul Kalam Technological university, for Successfully completing two years of NSS volunteership

- 5 students from S5 ECE (2019-23 Batch) participated in the National Level Online Quiz Competition on Digital Marketing organized by Thakur Shyamnarayan Degree College, Maharashtra.

- Ms.Divyamol N J (2017-21 ECE batch) grabbed the 64th position among the selected ones.Idea/Topic name "Micro Environment Monitoring and Poly House Management System"

- Ashok Krishna G, Akshaya V R, Jyothika M S, Moushmi S, Sona Sanal S, Pranav Prasad of S4 CSE (2020-2024) batch have participated in Idea Fest 2021 in association with Kerala Startup Mission as a part of IEDC.

- Jeni J Mol (CSE 2018-22 BATCH) got placed at Poornam Info Vision Pvt. Ltd. as Junior software engineer and Praveen P (CSE 2018-22 BATCH) got placed at Triassic as Engineer-Trainee.

- Ms. Divyamol N.J (2017-21 Batch ECE) got placed in Tech Mahindra.

- Mr. Nijo Raj S.U of S8 ECE (2017-21 Batch) got placed in TOSIL Systems Private Limited.

- Mr. Abhaynath K , Mr. Arun S , Mr. Aromal Biju , Mr. Navaneeth P S , Mr. Sha Mohammed Shaji (2018-22 CSE) got placed in IBS Software as "Software Engineer"

PRINCIPAL