



**VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS\_Kilimanoor,  
Thiruvananthapuram  
Accredited by NAAC with B++ Grade  
“A Unit of Vidya International Charitable Trust”**

## **WEDNESDAY NEWS**

**Issue No:143 1<sup>st</sup> February to 28th February 2023**

### **❖ EVENTS/TALKS/SEMINARS/CONFERENCES**

#### **❖ ELECTRONICS PROJECT EXHIBITION**

On **11<sup>th</sup> February 2023 (Saturday)**, students and faculty of Electronics and Communication Engineering (ECE) Department, Vidya Academy of Science & Technology, Technical Campus, Kilimanoor participated in the “**HORIZON ANNUAL EXHIBITION**” organized by **BPM CBSE School, Varkala** on their school premises. The event was inaugurated by **Col. P G Suresh Kumar**. The program started at 9:30 am. Students presented prototypes of different working models which were related to different applications like Solar Robots, AAC Device, Spider Robot, Robotic Arm etc. The event was Coordinated by **Ms. Niraja J Shenoy, Assistant Professor, ECE** and **Ms. Krishna Prathiba S R, Assistant Professor, ECE**. Fourteen students from final year Electronics and Communication Engineering Department along with four Faculty members (**Ms. Aswani S, Ms. Abha M L, Ms. Devi Krishna B and Mr. Arish**) and the Coordinator, **Mr. Suraj S, Assistant Professor, CSE** were present there. Students from every class visited our stall and the exhibition was open to students from other schools as well. The school Principal surveyed the entire exhibition and also took details from the Respective Students about each of their models. Simultaneously, the people at the exhibition also thoroughly enjoyed the event.



Around 900 students and parents visited the stall in the exhibition. The parents and students who visited the stall, congratulated the students for their effort.



### OUR TEAM

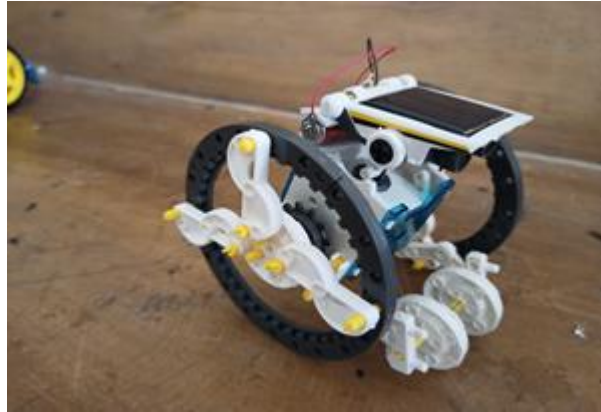


→ **Solar robots:**

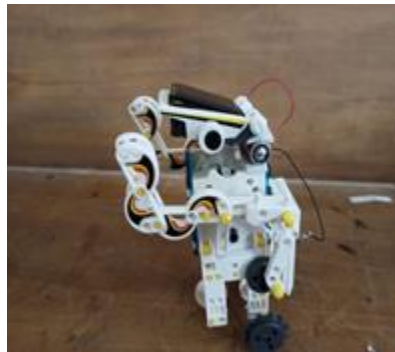
They extract electrical energy stored in the batteries to runs its mechanical, electrical and electronic devices to perform the several tasks for industrial as well as commercial work. Robot can operate in a hazardous environment for long duration of time without human assistant with a high accuracy.



**Solar Slither Bot**



**Roly-Poly Bot**



**Solar Zombie Bot**

→ **Obstacle avoidance robot:**

An obstacle avoiding robot is a fully autonomous robot which can be able to avoid any obstacle which it faces when it moves.



→ **Spider robot:** Spider robot, as the name suggests is a robot with a spider-like body movement using four legs. It can also be named a quadruped robot because of its number of leg.



→ **Robotic arm:** Robotic arms can be used to automate the process of placing goods or products onto pallets.



→ **AAC Device:** it helps someone with a speech or language impairment to communicate.



At the end of Project Expo, the Coordinator has expressed his vote of thanks to the school management for providing an opportunity to present the works of students and support to make this event happen and he also congratulated Faculty members and students for their active participation.



## ❖ TOPPERS OF S6 KTU UNIVERSITY EXAMINATION

**DEPARTMENT OF COMPUTER SCIENCE  
AND ENGINEERING**

*Congratulates*  
**S6 TOPPERS**



SGPA 8.54  
**ARSHA RAJ**



SGPA 8.3  
**SREELEKSHMI BS**



SGPA 8.02  
**AKSHAYA PRATHAP**



SGPA 8.00  
**RAJALAKSHMI J**

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**CIVIL S6 TOPPERS (2019-23 BATCH)**  
*"Congratulations"*



Aksharalal-9.22



Arsha A R- 9.09



Ushus U-8.78



Fathima Sadiq-8.76



Anupama R- 8.74



Athira P Anil-8.61



Kavitha Das J-8.46



Anjana S Nair-8.33



Anjana Aravind-8.28



Aneesa S-8.13



Adarsh B Kumar-8.15



Swarna Suresh-8.11



Gayathri Y-8.04

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**vidya** DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

**CONGRATULATIONS S6 TOPPERS  
(2019-2023)**



**Amina S**  
SGPA:9.37



**Sainaba B F**  
SGPA:8.91



**Farhana Rafi**  
SGPA:8.76



**Amina Sajeer**  
SGPA:8.02

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❖ **TOPPERS OF S4 KTU UNIVERSITY EXAMINATION**

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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**




**VIDYA  
VENUGOPAL**  
SGPA 8.3




**ABHINJITH AP**  
SGPA 8.04




**JAYALAKSHMI N**  
SGPA 7.61



**ANSAL A R**  
SGPA 7.3



**ARDRA B**  
SGPA 7.04




**ABHIRAM AB  
NAIR**  
SGPA 6.78


**CONGRATULATIONS TO  
S6 TOPPERS**  
2019-2023 BATCH

1


**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**CONGRATULATIONS S4 TOPPERS**




**VIDHUKRISHNA B G**  
SGPA 9.05



**RAHUL A R**  
SGPA 8.05




**NEETHU M**  
SGPA 8.36




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**TECHNICAL CAMPUS, KILIMANOOR**  
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❖ **TOPPERS OF S2 KTU UNIVERSITY EXAMINATION**




**VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY**  
**TECHNICAL CAMPUS, KILIMANOOR**  
**S2 Toppers Of CSE (2021-2025 Batch)**  
***Congratulations!***


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**Reenu Joy**  
8.6




**Aswini BR**  
8.55




**Krishnanath S**  
8.52



**Pranav P**  
8.33



**Wazin Ajmal**  
8.19



**Sreerag**  
8.07





## Department of Electronics and Communication Engineering

### CONGRATULATIONS S2 TOPPERS (2021-2025 BATCH)



**Akhila Raj**  
SGPA : 8.26



**Nijin S S**  
SGPA : 8.10



**Abhinand A S**  
SGPA : 7.88



**Binsa Fathima N**  
SGPA : 7.88



**Remya R**  
SGPA : 7.86



**Sophiya S**  
SGPA : 7.69



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### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



**NASWIHA N S**  
SGPA 8.14



**ANANDU A**  
SGPA 8.12



**ANNA RAJU**  
SGPA 8.07



**ALFIYA S**  
SGPA 7.93



**AKASH SS**  
SGPA 7.86



**SREEHARI S PRASAD**  
SGPA 7.64



**VYSHNAV BS**  
SGPA 7.45



**ABHIJITH V K**  
SGPA 7.5



**THASNIM KHAN AF**  
SGPA 7.17

**CONGRATULATIONS TO S2 TOPPERS**  
2021-2025 BATCH



**RABIYA FASAL**  
SGPA 6.81



**GOKUL KRESHORE**  
SGPA 6.71



**SREEHARI S**  
SGPA 6.12



## ❖ STUDENTS ACHIEVEMENTS

- ❖ **Ajmal Asharudeen (S6 ECE)** attended a professional students summit to be held at Adlux international convention center, Angamaly on **11<sup>th</sup> February 2023.**



## ❖ ACHIEVEMENTS OF STAFF

- ❖ **Dr.K. Sargunan(Assoc.Prof-CE)** acted as reviewer in the Springer Journal named "**Archives of Civil and Mechanical Engineering**".
- ❖ **Ms.Athulya Kamalasanan (Asst.Prof-CSE)** attended a three-day faculty development programme on "**Distributed Computing**", Organized by Department of Computer Science and Engineering at Sree Narayana Gurukulam College of Engineering from **30th January 2023 - 1st February 2023.**



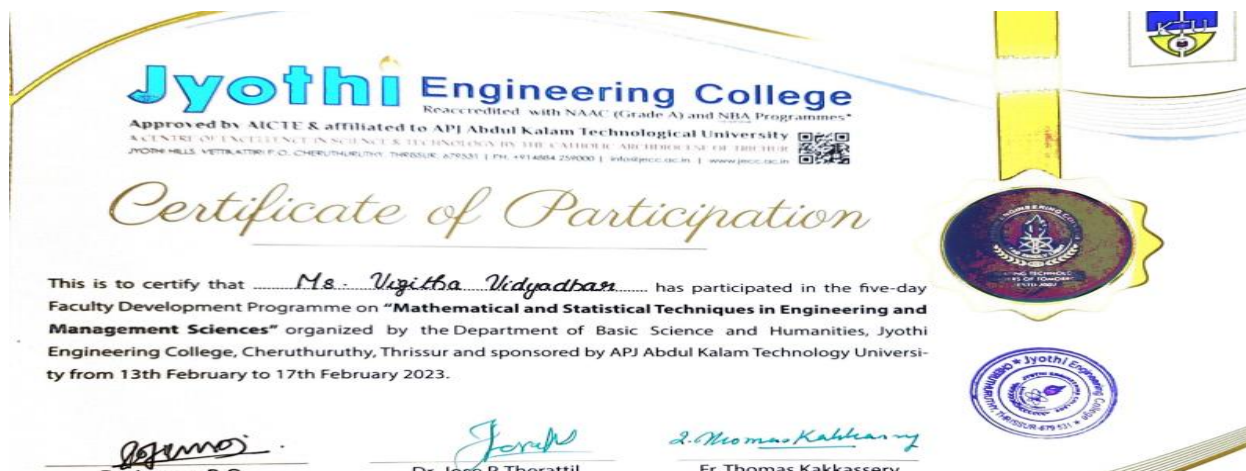
❖ **Dr.K.S Sargunan(Asso.Prof-CE)** published a patent titled Prefabricated concrete element superstructurewith precast deck elements **17/02/2023**

(12) PATENT APPLICATION PUBLICATION		(21) Application No.202341008965 A	
(19) INDIA			
(22) Date of filing of Application :11/02/2023		(43) Publication Date : 17/02/2023	
(54) Title of the invention : Prefabricated concrete element superstructure with precast deck elements			
		(71)Name of Applicant : 1)Dr.A.Alex Rajesh Address of Applicant :Assistant Professor, Department of Civil Engineering, K.S.R.College of Engineering, Tiruchengode, 637215 ----- 2)Dr.K.Sargunan 3)Dr.P.Prasanthini 4)Mr. A. Thomas Eucharist 5)Mr.R.Babu 6)Mr.S.Saravanan 7)Dr. R Jagadeesan Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr.A.Alex Rajesh Address of Applicant :Assistant Professor, Department of Civil Engineering, K.S.R.College of Engineering, Tiruchengode, 637215 ----- 2)Dr.K.Sargunan Address of Applicant :Associate Professor, Department of Civil Engineering, Vidya Academy of Science and Technology, Technical Campus, Kilimanoor, Kerala, 695602 ----- 3)Dr.P.Prasanthini Address of Applicant :Assistant Professor, Department of Civil Engineering, K.S.R.College of Engineering, Tiruchengode, 637215 ----- 4)Mr. A. Thomas Eucharist Address of Applicant :Assistant Professor, Department of Civil Engineering, K.S.R.College of Engineering, Tiruchengode, 637215 ----- 5)Mr.R.Babu Address of Applicant :Assistant Professor, Department of Civil Engineering, K.S.R.College of Engineering, Tiruchengode, 637215 -----	
(51) International classification	:E01D0019120000, G06F0030200000, G06F0030130000, A61F0002240000, E01D0021000000		
(86) International Application No	:PCT//		
Filing Date	:01/01/1900		
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

- ❖ Ms. ANCHU E S (Asst. Professor in Chemistry, Dept. of Applied Science) published a scientific paper in the International Journal of Research and Analytical Reviews | IJRAR | E-ISSN 2348-1269, P- ISSN 2349-5138, ISSN and UGC Approved, 7.17 Impact factor, Refereed Journal, Peer Journal and Indexed Journal (E-ISSN 2348-1269, P- ISSN 2349-5138).



- ❖ Ms. Vigitha Vidyadhar (Asst. Prof.-AS) participated in five day FDP on “Mathematical and Statistical Techniques in Engineering and Management Sciences” organized by the Department of Basic Sciences and Humanities, Jyothi engineering College, Cheruthuruthy, Thrissur from 13th to 17th February 2023.





### **CONTRIBUTORS TO THIS EDITION**

Dr. T. Mathavaraj Ravikumar (Principal), Ms Abha .L (Asst.Prof-ECE), Ms Rini Madhavan Rajeev (Asst.Prof-CE), Mr. Unnikrishnan M (Asst. of -ME) and Ms.Jisha Raj.T (Asst. of- CSE), Ms.Indhulekha Jayachandran(Asst.Prof-EEE),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](mailto:wednesdaynews@vidyacklmr.ac.in). We shall get back to you at the earliest.

**Wednesday News Team**