

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:140 1st November to 30th November 2022

***** EVENTS/TALKS/SEMINARS/CONFERENCES

✤ INDUCTION PROGRAM FOR THE B. TECH FIRST YEAR STUDENTS OF 2022 - 2026 BATCH

Vidya Academy of Science & Technology Technical Campus, Kilimanoor organized an Induction **Program** for first year students on 17/10/2022, 19/10/2022, 21/10/2022 and 25/10/2022 to 29/10/2022. The program was planned to let the students know more about our college, to engage them through academic and non-academic activities, and to improve their skills and self-confidence. The syllabus for the induction program was framed as per the AICTE and KTU norms. The responsibilities of the whole event were split as under:

Advisor						
Dr. Jayanthi L.S.						
Overall Coordinator						
Ms. Sreejitha S. G.						
Batch coordinators						
Mr. Sreejith S. Nair						
Ms. Krishna L.						
Batch Advisors						

Batch A	Mr. Ajayakumar A.G., Ms. Gouri L.R.
Batch B	Mr. Prasanth B. Chandran, Ms. Devi Krishna B.
Batch C	Ms. Anjana N., Ms. Ashly K. John
Batch D	Ms. Divya M.K., Ms. Varsha V.S.

The Time Table of the Induction Program, the list of faculty handling or in-charge of the sessions, is shown below:

1	EXPERT TALK(EXT)	Brig. K.S. Shaji , Director, VAST TC
2	TALK ON SCOPE OF ENGINEERING EDUCATION(SCOPE)	Dr. T. Mathavaraj Ravikumar, Principal, VAST TC
3	BASICS OF MECHANICAL ENGINEERING (BME)	Mr. Bijeesh P., HoD ME
4	BASICS OF CIVIL ENGINEERING (BCE)	Prof. K. Vijayakumar, HoD CE
5	BASICS OF ELECTRONICS & COMMUNICATION ENGINEERING (BEC)	Dr. Neethu Raj R., HoD ECE
6	BASICS OF COMPUTER SCIENCE ENGINEERING & LAB (BCS)	Dr. C. Brijilal Ruben, HoD CSE
7	BASIC SCIENCE (BS)	Dr. Jayanthi L.R., HoD AS
8	PLACEMENT	Dr. Pravin Rose, HoD EEE, Placement Officer
9	FUN MATHS(MATHS)	Ms.Vigitha Vidhyadhar, Ms. Adithya G.S, Mr. Dineshkumar, Ms.Mariambeevi
10	PHYSICS(PHY)	Ms. Gouri L.R.,Ms. Anchu ES
11	PUZZLES /GAMES	Mr. Arjun Mohanlal, Mr. Ajin Babu, Ms. Jisha Raj T.A., Ms. Fathima Sherin T.
12	PRODUCT DESIGN (PD)	Mr. Robin David, Mr. Gokul Biju, Ms. Vrinda Prasad, Ms. Athula Kamalasanan
13	ADZAP	Mr. Gokul Krishnan,Ms. Najitha Sharaf, Ms. Bhavya V., Ms. Jisha G.S.
14	POSTER/ SCULPTURE/ MODELS (P/S)	Dr. K. Sargunan, Ms.Meenu Rachael Jose, Ms. Parvathy C.J., Ms. Regin Moncy, Ms. Ansha Shakeer
15	THEME TALK	Mr. Midhun S.S,Ms. Aswani S.,., Ms. Dhanya S., Ms. Krishna L., Mr. Sajith Krishnan

16	PROFESSSIONAL ETHICS(PE)	Mr. Arun K.L., Ms. Anjala S.S., Ms. Niraja J. Shenoy
17	NSS ACTIVITY	Mr. Lenin Babu, Ms. Rini Madhavan Rajeev, Ms. Indhulekha Jayachandran
18	MUSIC/DANCE	Mr. Unnikrishnan, Ms.Keerthy devi, Ms.Midhila , Mr. Naveen B.
19	CHEMISTRY	Ms. Anchu E.S.
20	SPORTS	Mr. Ajin Raj, Mr. Prasanth B. Chandran, Ms. Parvathy C.J., Ms. Dhanya S.
21	AEROBICS	Mr. Gokul Biju, Ms. Gouri L.R., Ms.Midhila
22	CREATIVE AND PERFORMING ARTS	Ms. Anjana N.,Ms. Anjala S.S., Ms. Meenu Racheal Jose
23	LIBRARY	ADVISORS
24	DEBATE	Mr. Arun K.L., Ms.Indulekha Jayachandran, Ms. Niraja J.Shenoy
25	Expert Talk	Mr. Satish Babu, Co-founder, InApp
26	Cyber Crime	Mr. Satheeshsekhar, CI, Excise department
27	Drug Abuse	Mr. Shibu T.L., CI, Excixe department
28	DISPLAYING OF MODELS	Mr. Suraj S.R., Ms. Devikrishna B., Batch Coordinators
29	Human Values(HV)	Ms. Rini Madhavan Rajeev, Ms. Athulya Kamalasanan
30	LIFESKILL	Mr. Ajayakumar A.G., Ms.Najitha Sheraf, Ms. Varsha V.S.
31	FILM SHOW	Mr. Robin David, Ms. Divya M.K., and Batch Coordinators
32	MOTIVATIONAL SESSION	Fr. Sabu Thomas

BATCH A (Room No: SB803) Advisors: Mr. Ajayakumar A.G., Ms. Gouri L.R.

	Ι	II	III	IV	V	VI
	9.00-10.00	10.00- 11.00	11.10- 12.10	12.55-1.55	1.55-2.55	3.00-4.00
17/10/2022 MONDAY	INTRODUCTI ON (Seminar Hall)	ADZA P	EXPERT TALK(EX T)	MATHS	MUSIC/DAN CE	NSS ACTIVIT Y

19/10/2022 WEDNESD AY	BCS	PD	THEME TALK	BCE	PLACEMEN T	P/S		
21/10/2022 FRIDAY	PE	BME	РНҮ	SCOPE	PUZZLES /GAMES	BEC		
25/10/2022 TUESDAY	СНЕ	P/S	THEME TALK	MUSIC/DAN CE	FUN MATHS	SPORTS		
26/10/2022 WEDNESD AY			VS	SC VISIT				
27/10/2022 THURSDAY	DISPLAYING OF MODELS	BS	Expert Talk	Drug Abuse	DEBATE	HV		
28/10/2022 FRIDAY	FILM SHOW			Cybercrime	LIFESKILL	TEST and FEEDBAC K		
21/10/2022 SATURDAY	MOTIVATIONAL SESSION by Fr. Sabu							

BATCH B (Room No: SB804) Advisors: Mr. Prasanth B.Chandran, Ms. Devi Krishnan B.

	Ι	II	III	IV	V	VI
	9.00-10.00	10.00- 11.00	11.10- 12.10	12.55-1.55	1.55-2.55	3.00-4.00
17/10/2022 MONDAY	INTRODUCTI ON (Seminar Hall)	PD	BME	BEC	BCE	MATHS

19/10/2022 WEDNESD AY	P/S	EXPE RT TAL K(EX T)	РНҮ	ADZAP	NSS ACTIVITY	MUSIC/D ANCE
21/10/2022 FRIDAY	PUZZLES /GAMES	SCOP E	PLACEM ENT	PE	THEME TALK	BCS
25/10/2022 TUESDAY	LIFESKILL	DEBA TE	СНЕ	ADZAP	PUZZLES /GAMES	THEME TALK
26/10/2022 WEDNESD AY			VS	SC VISIT		
27/10/2022 THURSDA Y	DISPLAYING OF MODELS	LIBR ARY	Expert Talk	Drug Abuse	FUN MATHS	TEST
28/10/2022 FRIDAY	FIL	M SHOW		Cybercrime	FEEDBACK	SPORTS
21/10/2022 SATURDA Y	MOTIVATIONAL SESSION by Fr. Sabu					

BATCH C (Room No: SB805) Ms. Anjana N., Ms.Ashly K. John

	Ι	II	III	IV	V	VI
	9.00-10.00	10.00- 11.00	11.10-12.10	12.55- 1.55	1.55-2.55	3.00-4.00

17/10/2022 MONDAY	INTRODUCTI ON (Seminar Hall)	РНҮ	BCE	BCS	ADZAP	PLACE MENT	
19/10/2022 WEDNESD AY	BEC	SCOPE	MATHS	BME	PD	PUZZLE S /GAMES	
21/10/2022 FRIDAY	THEME TALK	EXPERT TALK(E XT)	P/S	NSS ACTIVI TY	MUSIC/DAN CE	PE	
25/10/2022 TUESDAY	AEROBICS	AEROBI CS	HV	DEBAT E	LIBRARY	P/S	
26/10/2022 WEDNESD AY			VSSC V	ISIT			
27/10/2022 THURSDA Y	CREATIVE AND PERFORMIN G ARTS	BS	DISPLAYI NG OF MODELS	Expert Talk	MUSIC/DAN CE	SPORTS	
28/10/2022 FRIDAY	FEEDBACK	TEST	Cybercrime	FILM SHOW			
21/10/2022 SATURDA Y	MOTIVATIONAL SESSION by Fr. Sabu						

BATCH D (Room No: SB806) Advisors: Ms. Divya M.K., Ms. Varsha V.S.

	Ι	II	III	IV	V	VI	
	9.00-10.00	10.00-11.00	11.10-12.10	12.55-1.55	1.55-2.55	3.00-4.00	
17/10/2022 MONDAY	INTRODUCTI ON (Seminar Hall)	P/S	SCOPE	РНҮ	PD	BME	

19/10/2022 WEDNESD AY	BCE	PLACEME NT	BEC	EXPERT TALK(EX T)	THEME TALK	PE		
21/10/2022 FRIDAY	MATHS	BCS	MUSIC/DAN CE	PUZZLES /GAMES	ADZAP	NSS ACTIVI TY		
25/10/2022 TUESDAY	ADZAP	PUZZLES /GAMES	LIFESKILL	LIBRARY	HV	TEST		
26/10/2022 WEDNESD AY		VSSC VISIT						
27/10/2022 THURSDA Y	AEROBICS	AEROBICS	DISPLAYIN G OF MODELS	Expert Talk	CREATIVE AND PERFORMI NG ARTS	THEME TALK		
28/10/2022 FRIDAY	FEEDBACK SPORTS Cybercrime FILM SHOW							
21/10/2022 SATURDA Y	MOTIVATIONAL SESSION by Fr. Sabu							

The program started with an Introduction Session, handled by the Program Coordinators, who gave an overall idea about the eight day program, along with its value and necessity. The following points / instructions were discussed / given:-

- 1. The timings of the Induction Program for all days.
- 2. The relevance of various sessions of the program.
- 3. The expert talks arranged as part of the Induction Program.
- 4. The classrooms allotted for each batch and the seminar halls for attending common sessions
- 5. The names of the batch coordinators and batch advisors, and their contact numbers if they had to report their absence for any reason.

Finally, the students interacted to clear their doubts. The details of other sessions are given below:

1. Expert Talk by Director

The "Expert Talk" session for first year students (all branches) happened from 17th Oct 2022 and 21th Oct 2022 at Mechanical Seminar Hall for all batches. The session was handled by Brig K S Shaji, Director VAST TC. There were two sessions, the details are as follows.

Date	Batches	Session	No. of students present	Total Number of students
17/10/2022	Batch A & D	11.10 AM – 12.10 PM	77	93
21/10/2022	Batch B & C	10 AM – 11 AM	88	97

The faculty in-charge of the session was Mr. Suraj SR (Systems Manager/Asst. Prof. CSE). There were a total of 165 participants. A brief introduction to our Esteemed institution & Supportive Management was given followed by the motivational speech. The session was highly informative. Some of the photos are as follows.





2. Talk on Scope of Engineering Education

Date of Event: 19/10/2022, 21/10/2022

Time: 10:00 AM to 11.00 AM

Venue: ME Seminar Hall

OBJECTIVE:

• To get an idea about scope of Engineering

PROGRAMME OVERVIEW:

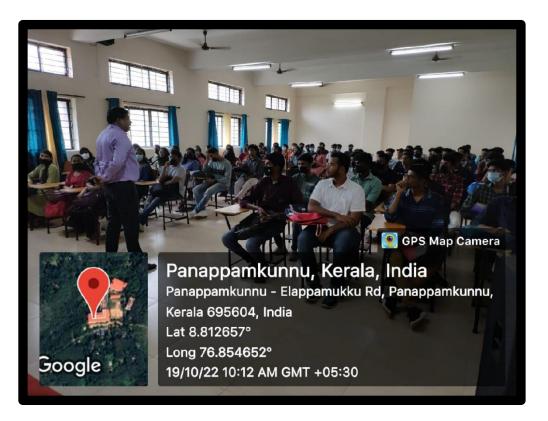
- Introduction about Engineering
- Need of Engineers
- Relation Between Engineers and Society

Vidya Academy of Science and Technology Technical Campus, Kilimanoor conducted Scope of Engineering sessions for first year students as part of Induction Programme 2022 on 19/10/2022 and 21/10/2022. The sessions were handled by Dr.T.Mathavaraj Ravikumar, principal, VAST TC. The sessions were coordinated by Ms.Beena V R, AP CSE. For B and D batches, the event was conducted on 19/10/2022 and for A and C batches, the event were conducted on 21/10/2022. Total of 69 students participated in the event on the first day and total of 75 students participated on the second day. The resource person explained the importance and basics of engineering. And also, presented a very informative session about need of engineers and relation between engineers and society.

OUTCOME:The sessions were very much informative. The students learned the basics, need and scope of engineering

GLIMPSES:





3. Session of HoDs

A session each of the Basics of Engineering Branches - CSE, CS, ECE, ME and Basic Science was conducted for all batches by the respective HoDs. Also, an introduction to Placement and training was given. The students got an overview of all the branches through this session. The HoDs decimated the Vision, Mission, Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the department. The students could interact with the Department Heads and could clear their doubts regarding Engineering subjects. This session was specially mentioned by students, in their overall feedback.

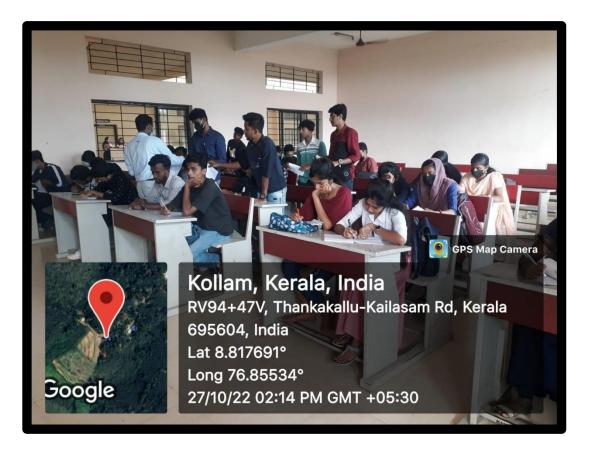
4. Fun Maths

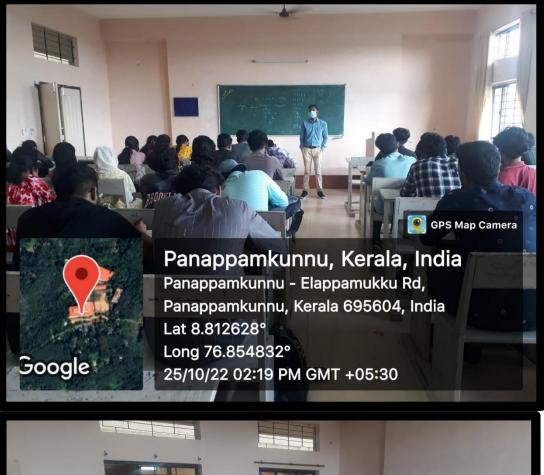
As a part of the Induction Program, the Department of Applied Science conducted an interactive and informative Session named **Fun Maths on 17th, 19th and 21st of October 2022.** The session started with the self-introduction by the faculty members of Mathematics - Ms. Mariyambeevi P M(Asst.Prof-AS), Ms. Adithya G S(Asst.Prof-AS) and Ms. Vigitha Vidyadhar(Asst.Prof-AS). Students were divided into Six Teams A, B, C, D, E, F and guidelines for the activities were given.

Fun Maths Includes three level activities

- 1. Puzzles and Anagram
- 2. Number Pattern
- 3. Quiz Questions

The points were given to the team who responded with correct answers and negative marks given to the wrong answer. All students participated with a competitive spirit. As an appreciation for the Winner team we gave gifts for the students. The feedback of the students was overwhelming. The another interactive Session was handled by **Dinesh Kumar S(Asst.Prof-AS)**. Questions from reasoning, logical thinking and data interpretation were discussed. Mathematical genius Ramanujan's life intrigued everyone. The properties of trigonometric functions and their sum are easily memorized by everyone. Students responded that the hour was very useful.





<image>

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Google

5. Physics

DATE:17/10/2022 -21/10/2022

TOPIC : ROLE OF PHYSICS IN ENGINEERING

RESOURCE PERSON: GOURI L R

GENERAL OUTCOME :

• To understand basic physics concepts and founding principles of technology

• To develop scientific temperament for technology studies

PROGRAM OVERVIEW

• Illustration of physics in Engineering

• Figure out Real world optical illusions

• Realize students' basic knowledge with a test

Department of Applied Science VAST-TC Conducted an orientation program in Physics for all the newly joined students of 2022-2026 batch. The Foundation class was taken by **Ms.Gouri L R**, Assistant Professor in Physics, Department of Applied Science. First year students from all branches were able to attend the class at scheduled times.

SCHEDULE

Sl No	Batch	Date	Time	Venue	No.of Students
1	Batch-A	21/10/22	11.10- 12.10	SB-803	47
2	Batch-B	19/10/22	11.00-12.00	SB-804	50
3	Batch-C	17/10/22	10.00- 11.00	SB-805	47
4	Batch-D	17/10/22	12.55-1.55	SB-806	47

SESSION -1

EVENT DETAILS

> SESSION -1 -ROLE OF PHYSICS IN ENGINEERING

First session was started by Ms.Gouri L R stating the importance of Physics in daily life. After that, videos were played to show how physics is related with different activities in day-to-day life. And also demonstrated the importance and role of physics in their respective branch of study.

• Activity

Then gave them to write 10 examples for their daily routine and how physics is associated with that and to present in front of the class. Four students from each batch were selected and they presented it well.

> SESSION -II -REAL WORLD OPTICAL ILLUSIONS

Second sessions were conducted in two parts, first we have given them an introduction about engineering physics course and optical phenomenon related topics that is relevant to their course of studies in the coming semester.

> BASIC PHYSICS TEST

In the second part of session -II gave them a basic test to understand their knowledge in physics basics. Topics for the test were chosen according to their prerequisites for engineering physics syllabus. Ms. Gouri L R Conducted the test with the support of Ms.Anchu E S, Asst: Professor, Chemistry.

FEEDBACK

The general feedback received was very good with some students particularly gave some prominence to the Basic Test

6. Puzzles and Games

Faculty Team Members:Arjun Mohanlal, Ajinraj R L,Fathima Sherin T, Jisha Raj T **About the Activity:**

We conducted some team building games, puzzle exercise activities etc which help build teams, develop student motivation and thinking abilities to improve communications and for fun too.Team building games and activities helps to warm up students and help to learn the importance of teamwork and collaboration that will teach them life skills that will have a lasting impact in the long run. Ultimately, serving students create a good bond among classmates and with their teachers also. From the session students become more engaged in their learning, taught content is reinforced and class positivity is increased. Following where the few games and puzzles we introduced among students The Communication Game

Dump Shell Arts

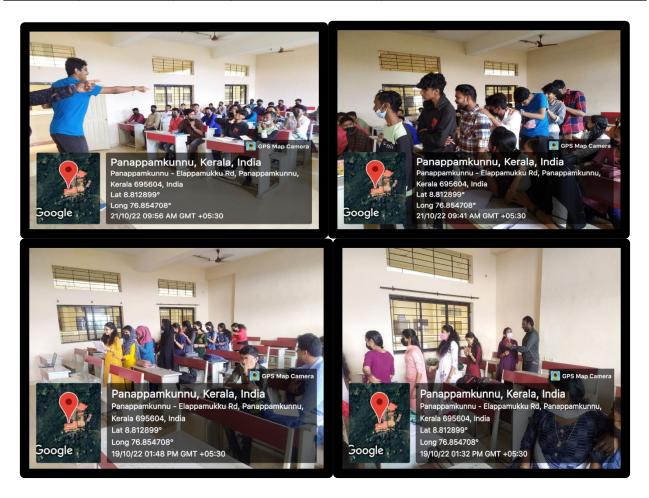
Head Foot Shoulder Grab

Apple Banana Orange

Ice Breaking Sessions

Joining 9 Dots with 4 Lines etc...

SL No:	Date	Batch	Hour	Faculty
1	19/10/2022	D	12.55 to 01.55 PM	Ajinraj R L, Arjun Mohanlal
2	19/10/2022	С	03.00 to 04.00 PM	Fathima Sherin T, Arjun Mohanlal
3	21/10/2022	В	09.00 to 10.00 AM	Fathima Sherin T, Ajinraj R L
4	21/10/2022	А	01.55 to 02.55 PM	Ajinraj R L, Arjun Mohanlal
5	25/10/2022	D	10.00 to 11.00 AM	Jisha Raj T, Ajinraj R L
6	25/10/2022	В	01.55 to 02.55 AM	Fathima Sherin T, Jisha Raj T





7. Product Design

The session was handled by Mr. Robin David , Mr. Gokul Biju, Ms. Athulya Kamalasanan and Ms. Parvathy C J.Brief introduction on product design concepts were discussed:-

- 1) Product Design Elements
- 2) Steps in Product Design
- 3) Successes Stories
- 4) Product Design Ideas

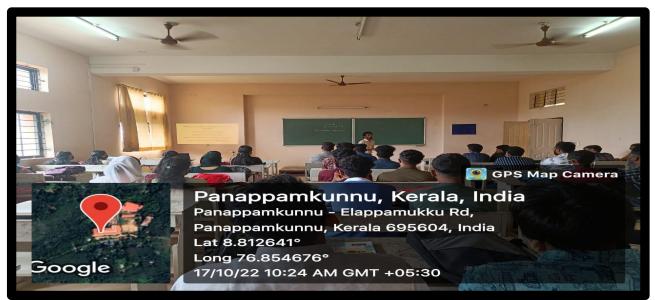
Various product design ideas were shared with the students. Some of them are:

- · Human following robot
- · Smart agricultural system
- · LED energy lamp

- Power generation using speed breaker
- · Automatic trash bin
- · Water level controller
- · Automatic LED Street light
- Automatic college bell with prayer
- Automatic water heater timer control
- · SMS alert system of college UPS

Some glimpses of the session handled are given below:



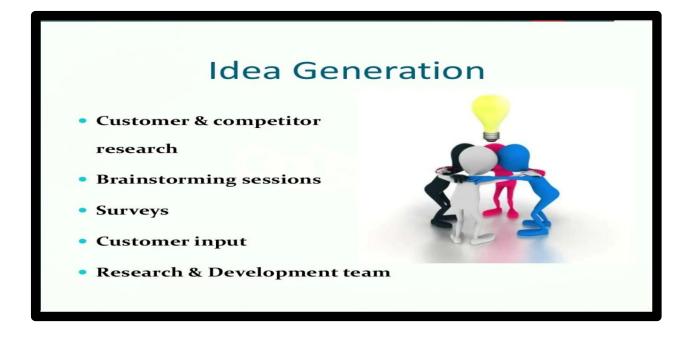


Students were motivated by these ideas. They also shared their ideas, and participated well.

Some of the slides presented in the session are shown below







The students were also given the chance to produce a model of their choice. Some of the models made by the students are given below:







8. Adzap

The ADZAP competition is a little game that involves selling stuff that no one would otherwise buy. Adzap is set to bring out the creativity, time management, marketing skills of the innovative minds and to shape their team spirit and co-ordination. It is designed to help youth develop skills, confidence, and poise in speaking to groups. Additionally, public speaking will teach participants about how to organize thoughts and express ideas in a logical and concise manner, increase participants' knowledge and control of the language in expressing ideas and reward and recognize participants for accomplishments they have made in a friendly and competitive atmosphere.

Do you hold the potential to encourage and persuade an audience to buy any product you propose? If you possess the creativity to sell off then it's time for your creativity got recognition! Come forward and showcase your creative side to participate in ADZAP WORLD.

RULES and REGULATIONS:

- 1. ADZAP is not an individual event, team can consist of maximum 4 members.
- 2. A product will be given to the team, for which they have to advertise.
- 3. The time limit is approximately 3 minutes.
- 4. In case participants exceed the time limit judges will be free to disqualify the team.

5. Team can advertise their product in a funny fashion.

6. Teams would be judged on innovativeness, humor, content, marketing skills, speaking skills and originality.

- 7. The product should be named by the team.
- 8. Vulgarity or offensive terms may lead to disqualification.
- 9. Teams are allowed to bring the properties they need.

JUDGING CRITERIA:

- Humor factor
- Pertinence to topic
- Clarity in thought

- Team coordination
- Attentiveness
- Impact
- Expression
- ✤ Creativity

TEAM MEMBERS:

The ADZAP programme committee includes Mr. Gokul Krishnan G U, Ms. Najitha Sharaf, Ms. Bhavya V and Ms. Jisha G S.

BATCH AND SESSION DURATION:

There were 4 batches - Batch A with 48 students, Batch B with 48 students, Batch C with 47 students and Batch D with 46 students. Each batch have ADZAP session of duration about 1 hour.

SESSION PLAN:

Session 1:

An introduction regarding the ADZAP session was given in the first class to the students and then they were divided into various teams with a maximum of 4 students in a team. Then a topic was given to each team and told them to prepare a concept about the topic given to them. Also they were instructed that they should present their concept during the second session.

Session 2:

The students enacted the subjects given to them during the second session. The students are allowed to bring necessary accessories with prior permission from staff members. The students participated well and enjoyed the sessions too. They had creativity, enthusiasm and energy to participate.

TOPICS GIVEN:		
Pickle	Tea Bag	Switch Board
Notebook	Mobile Phone	Toothpaste
LED bulb	Perfume	Soap

Helmet	Mask	Bag
Pen	Talcum Powder	Safety Pin
Lip Stick	Towel	Ceiling Fan

SESSION	DATE	TIME	BATCH	FACULTY
	17/10/2022 Monday	10:00 am – 11:00 am	Batch A	Ms. Najitha Sharaf Mr. Gokul Krishnan G U
1		01:55 pm – 02:55 pm	Batch C	Ms. Bhavya V Ms. Jisha G S
.1	19/10/2022 Wednesday	12:55 pm – 01:55 pm	Batch B	Ms. Najitha Sharaf Mr. Gokul Krishnan G U
	21/10/2022 Thursday	01:55 pm – 02:55 pm	Batch D	Ms. Bhavya V Ms. Jisha G S
2	25/10/2022	09:00 am – 10:00 am	Batch D	Ms. Bhavya V
	Tuesday	12:55 pm – 01:55 pm	Batch B	Mr. Gokul Krishnan G U

9. Poster, Sculpture and Model

Under the guidance of the organising committee, the P/S team encouraged students to develop their ideas and consequently explore their talents by leading training sessions utilising cutting-edge peer teaching techniques. Dr. K. Sargunan, Associate Professor, Department of Civil Engineering, served as the team leader, while Ms. Rejin Moncy A, Assistant Professor, and Ms. Ansha Shaker, Assistant Professor, Department of Computer Science and Engineering served as team members. The pupils' attention during class periods was more than noteworthy, and the answers we've gotten from them are

overwhelmingly positive. Students contributed their own models and charts as individuals or in groups, and the P/S team encouraged and assisted them in doing so. Their contributions were then sent to the project display committee for evaluation and display.

4 GLIMPS:







10. Theme Talk

The Theme talk for first year students were conducted in their class room as per the given schedule. Two hours were given to each batch and In the first hour students were splitted in to a group of two members. During the second hour each group were presented their topics with valuable points. Me along with Mr. Sajith Krishnan (AP ME), Ms Aswini S (AP ECE) and Ms Dhanya S (AP ECE) handled the sessions as per the allotted time table. The session was found useful for exhibiting their presentation skill.

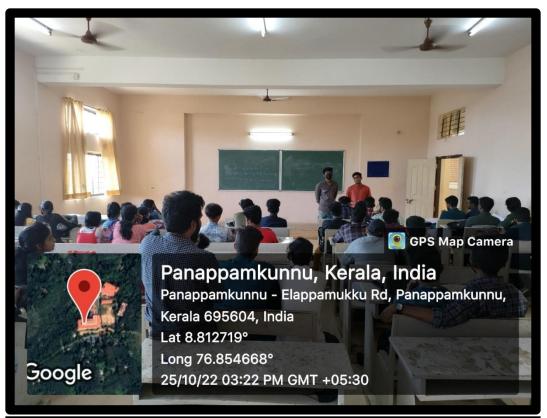
Date of sessions: 17/10/2022,19/10/2022,21/10/2022,25/10/2022 -29/10/2022

Topics included:

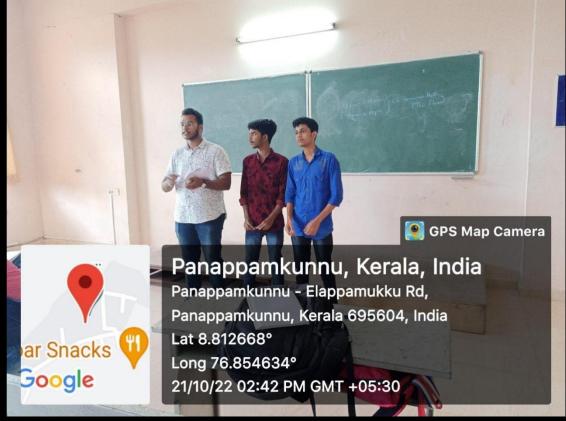
- 1. Women safety
- 2. Security of Digital Payments
- 3. Chinese goods are a threat to Indian businessmen and economy.
- 4. Should national anthems be played in cinema halls?
- 5. Climate Change/Pollution
- 6. Fake News will kill Social Fiber of India unless checked
- 7. Future of Robotics

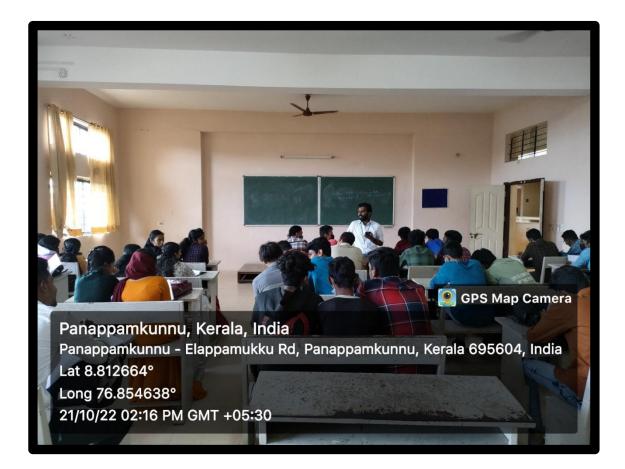
- 8. Impact of social media on public
- 9. Social Crimes
- 10. Sex determination in society
- 11. Importance of health in life
- 12. Dowry System
- 13. Plastic Ban: Economy Vs Environment
- 14. Hard Work Vs Smart Work
- 15. Use of Mobile phones in college campus
- 16. Technology in human life
- 17. Water Conservation
- 18. Cyber Crimes
- 19. Impact of technology in human life
- 20. More security in social media

Session photos





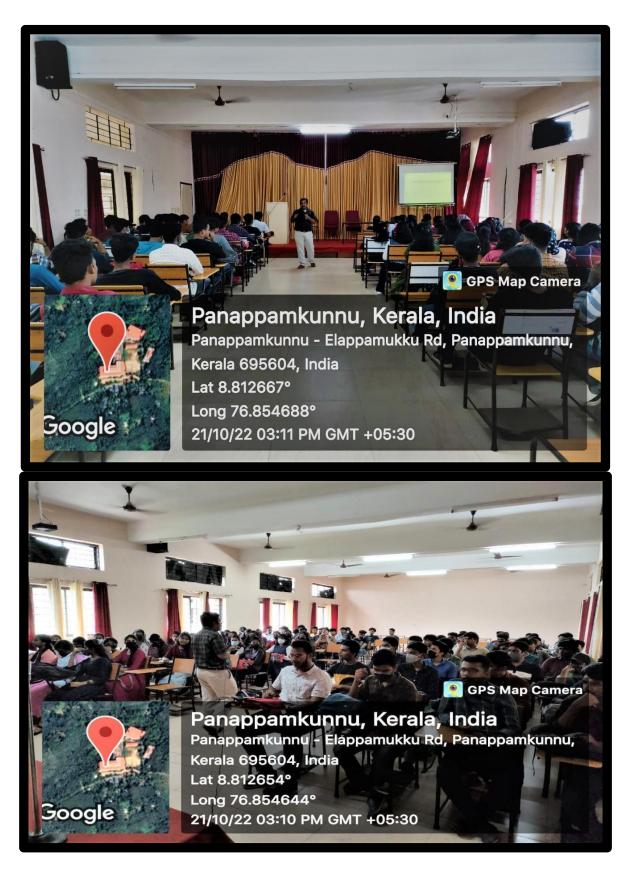




11. Professional Ethics

Professional ethics are principles that govern the behaviour of a person or group in a business environment. Like values, professional ethics provide rules on how a person should act towards other people and institutions in such an environment. One hour session is allotted for four batches as part of induction programme 2022.Mr Arun K L,Assistant Professor Mechanical engineering dept,Niraja J Shenoy, Assistant Professor Electronics and communication dept and Ajala S S,Assistant Professor Electrical and electronics dept have taken the various session.All the sessions were interactive,the students interacted with the resource persons and clarified all the doubts in the respective area.

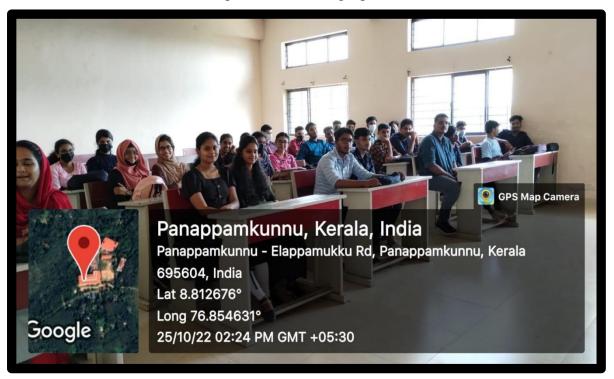
PROFESSINAL ETHICS SESSIONS BATCH D-19/10/22 -3PM TO 4PM BATCH A-21/10/22- 9AM TO 10AM BATCH B-21/10/22-12.55 TO 1.55PM BATCH C-21/10/22-3PM TO 4PM





12. NSS

The session on the National Service was handled by the Programme Officer, Mr. Lenin Babu, Asst. Programme officer Ms.Rini Madhavan Rajeev, and Ms.Indhulekha Jayachandran. The students were enlightened about the noble idea behind the formation and history of NSS. The functioning and selection processes of the NSS Unit at VASTTC were also shared with the students. The students were also given a brief idea about the different programmes conducted inside the campus as well as statewide, by the NSS Unit at VASTTC. Few of the students who were members of NSS Units at their respective schools, also shared their experiences on being a part of NSS, with the rest of the class.



13. Music and Dance

The dance and music hour for first years were engaged on time. Mr. Unnikrishnan M.A. along with Mr. Naveen B (AP ME), Ms Keerthi Devi (AP CE) and Ms Midhila (AP CE) handled the respective sessions as per the allotted time table. The students of all four batches participated in singing (solo), group songs, skit etc. The students were divided into groups for performing group songs and skit. The session was found useful for spotting many students with talent in singing, drawing etc.



14. Chemistry

Ms. ANCHU E S, Assistant Professor in Chemistry, Department of Applied Science conducted an orientation program in Engineering Chemistry for first year BTech

students of 2022-20256batch on the topic "Importance of Engineering Chemistry in Engineering syllabus". Classes are taken by keeping in mind that students can cope up with the concepts and applications in Engineering Chemistry.

OBJECTIVE

*Make the students feel comfortable in the new environment

*Allow them to explore their interests in Chemistry

*Build relations between teachers and students

*Promote bonding within them

*To provide adequate foundation in the core applied science subjects

OUTCOMES OF THE PROGRAMME

*Apply the basic concepts of electrochemistry and corrosion to explore its possible applications in various engineering field

*Understand various spectroscopic techniques like UV-Visible, IR, NMR and its applications

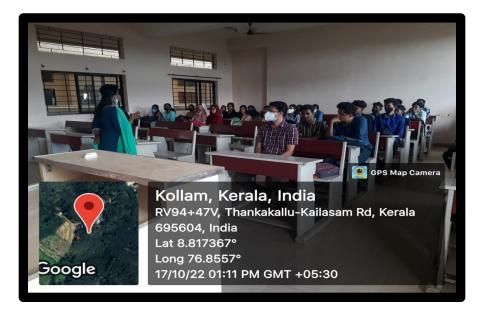
*Apply the knowledge of analytical method for characterizing a chemical mixture or a compound.

*Understand the basic concept of SEM for surface characterisation of nanomaterials. Learn about the basics of stereochemistry and its application.

*Study various types of water treatment methods to develop skills for treating waste water.

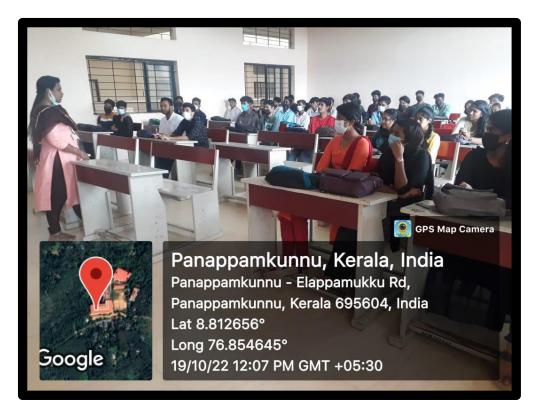
*Apply the knowledge of conducting polymers and advanced polymers in engineering

With the cooperation of the students and the faculty members, the Induction program was able to record the feedback of the students in sessions. The total environment of deputed faculties that facilitated to motivate the students to stir like a sugar in water of institutional activities. Students are developed the ability to transcend from the subject knowledge to the applications of Engineering Chemistry in real life situations.









15. Sports

We conducted some sports events which help in the physical and mental refreshment of students. Sports events helps students to improve physical and mental health, increase confidence, reduce stress and it will build leadership qualities. **Ultimately, these sports events make a better bond among classmates and the campus environment.** The Sports events given to the students are Cricket

Volley Ball

SL No:	Date	Batch	Hour	Faculty
1	25/10/2022	А	03.00 to 04.00 PM	Ajinraj R L
2	27/10/2022	С	03.00 to 04.00 PM	Ajinraj R L
3	28/10/2022	D	10.00 to 11.00 AM	Ajinraj R L
4	28/10/2022	В	03.00 to 04.00 PM	Ajinraj R L

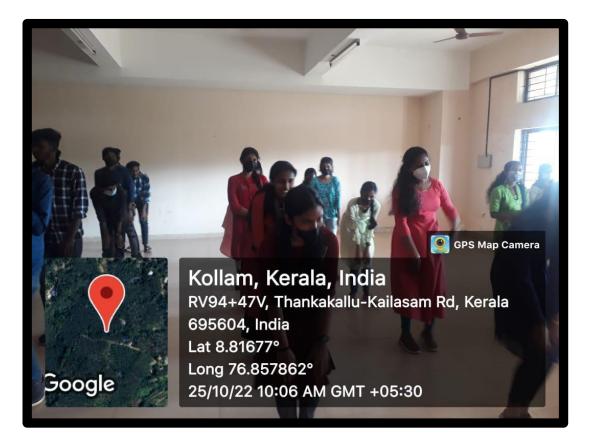
16. Aerobics

The session was handled by Mr. Gokul Biju, Ms. Gouri L.R and Ms. Midhila M.Brief introduction on the history of Aerobics were discussed Students were arranged to stand for Aerobic exercises An Aerobic exercise routine of 20 min was taught to the students and the students were instructed to do the exercise along with the in charge. Break time of 5 min were given after every 10 min of exercise The students actively participated in the session and completed the taught exercises.

Some glimpses of the session handled are given below:







17. Creative and Performing Arts

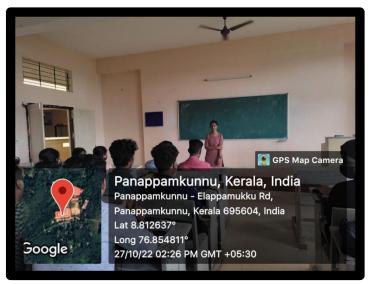
The performing arts refer to the forms of art where an artist uses his own face, body and presence. The major types of performing arts include music, opera, dance, drama, and spoken words.

Music is a form of art whose medium is silence and sound. The word "music" was derived from the Greek word "mousike" which means the art of the muses. The common elements of music include rhythm, pitch, dynamics, timbre and texture. Opera is a form of performing arts wherein musicians and singers perform a dramatic work that combines text, which is called the libretto and musical score. This form of art is a popular part of the Western classical music tradition. Dance is a form of performing arts that refers to the art of moving the body rhythmically and usually in accordance to music. It is used as a form of social interaction and expression, or it is commonly presented in a performance or spiritual setting. Drama refers to a mode of fiction represented in a performance. The word "drama" originated from the Greek word "drao" which means action. Dramas are usually enacted by actors on a stage for an audience. Spoken word is often used as an entertainment or musical term, referring to works that are intended to be performed by a single person who will speak by himself naturally. Musically, this is different from rapping for the latter involves rhythm while

spoken words do not follow such. Spoken words is said to be more akin to speaking or narration. In entertainment, spoken word performances are consisted of poetry, storytelling or speeches. Aside from these five, other forms of performing art are circus performances, magic, musical and other that involve the use of an artist's face and body.

The students of all batches were given an introduction on the essence of Creative and Performing Arts. The team members included **Ms. Anjana. N (Asst Prof ECE), Ms. Anjala S. S (Asst Prof EEE) and MS. Meenu Rachel Jose (Asst Prof CE).** Students performed mimicry, Skit, Sang Solo Songs and group songs. Skit was a short performance done by 9 students.





18. Debate

The main goals of classroom debate is to encourage youth participation in debate, help students develop their communication and listening skills and ability to drawfrom given information, as well as to make and defend against arguments with logical and rational thinking.One hour session is

allotted for four batches as part of induction programme 2022.Mr Arun K L,Assistant Professor Mechanical engineering dept,Niraja J Shenoy,Assistant Professor Electronics and communication dept and Indhulekha Jayachandran,Assistant Professor Electrical and electronics dept have taken the various session.The debate topic was "Impact of social media in the younger generation-Prons and Cons. Each batch is divided into four groups for the debate session.



19. Expert Talk

As part of Induction Programme 2022 an Expert Talk was conducted for first year students 2022-2026 batch on 27 October 2022 from 11:00AM to 12:30PM at the Seminar Hall. The speaker of this event was Mr. Satish Babu, Co-founder, InApp, Technopark. Satish Babu has been a programmer, IT entrepreneur, Open Source activist, Internet Governance practitioner and a Development Professional. He was the founding Director of Kerala Government's International Centre for Free and Open Source Software (ICFOSS). He volunteers in leadership positions in

multiple international technical organizations including IEEE, ICANN, Internet Society, and the UN Internet Governance Forum (IGF). He is a co-founder of the India School on Internet Governance (inSIG, https://insig.in) and the chair of the Asia-Pacific School on Internet Governance (APSIG).

Brig. K. S. Shaji, Director, VAST TC, gave the Welcome speech. After the welcome speech the session was handed over to the speaker.

The topic of the Expert talk was "The Indian Tech Workforce: Towards a Global Workplace"

A brief summary of the topics covered in the lecture is as follows:

Over the last couple of decades, India has emerged as a global source for a number of competencies, from manufacture to services, with IT and related Technology capacities leading the list. India has proven to the world that it can provide a talented and hard-working technical workforce that can deliver on any specification in time, on budget and with the requisite quality of output.

Multiple models of employment are now prevalent in the tech industry. This includes outsourcing to India, and providing Indian tech resources to work in different countries. Either way, Indian tech resources need to be prepared for joining a global workforce, whether physical relocation is required. After the pandemic and the war in Ukraine, India's resources are even higher in demand.

Preparing to join a global workforce is a non-trivial process, as there are many challenges of working in multi-cultural, multi-lingual, and multi-time zone teams. These include hard factors such as core computer science topics (such as algorithms and data structures), knowledge of programming languages and libraries (such as Java, Rust or Python), knowledge of verticals (such as AI/ML, Blockchain, or AR/VR), Open-Source Software, and Project Management techniques, as well as "soft" aspects such as personal/interpersonal/group skills, communication skills, and the right attitude (including responsibility, punctuality, and leadership).

The event was concluded at 12:45PM with a vote of thanks. The event was successfully and a total of **148** students attended the online program live from college.

Outcome

- 1. Students came to know about the current trend in the industry.
- 2. Students got to know about the skills needed to excel in Engineering.
- 3. Students got to know the basic idea about the importance of Engineering education, Beyond the classroom technical skills and other soft skills which has to be developed along with the academics to excel in future career prospects

Event Glimpses





20. Drug Abuse OBJECTIVE:

• To understand, prevent, and treat drug use and its consequences.

PROGRAMME OVERVIEW:

- Introduction about drug abuse
- Drug abuse prevention and treatment

POSTER:



Vidya Academy of Science and Technology Technical Campus, Kilimanoor conducted an event on **Drug Abuse** for first year students as part of **Induction Programme 2022** on 27/10/2022. The resource person of the event was **Mr.Shibu T L**, Exice Inspector, Attingal. The event was coordinated by **Mr.Lenin Babu**, AP CE. Total 66 students of batch A and batch B participated in the event. The resource person explained about drug abuse prevention and treatment. And also, the importance of getting awareness about drug abuse.







OUTCOME:

The event was very much informative. The students learned how to be aware against drug abuse.

21. Displaying of Models

The "Designing of Models and Charts" competition was conducted for first year students on 27th Oct 2022 at Drawing Hall for all batches. The same was coordinated by Mr. Suraj S R, Systems Manager/Asst. Professor, CSE Dept. A total of 76 students have actively participated in this competition for making informative models & charts. Some other students were supported for arranging the same at the drawing hall. Students participated as a group as well as individually. The judging was done by both Dr. C. Brijilal Ruban, HoD & Associate Professor, CSE Dept. and Dr. K. Sargunan, Associate Professor CE Dept. The results are as follows.

Designing of Models

SL No	Student's Name	Department	Batch	Position
1	DEVAYANI J	ECE	Batch C	First

2	HRIDYA JOSHI	ME	Batch C	Second
3	RUSHDA SALMATH	CSE	Batch D	Third

Designing of Charts: First Position

SL No	Student's Name	Department	Batch
1	AMRUTHA S	ECE	Batch B
2	DEVIKA S B	CSE	Batch B
3	AISHA S	CSE	

Designing of Charts: Second Position

SL No	Student's Name	Department	Batch
1	PRANAV S	ME	
2	ASWIN S KUMAR	СЕ	
3	MUBEENA S R	ECE	Batch B
4	MITRA MAHESH	ECE	
5	INDUJA J S	CSE	
6	JOB A JOHN	ME	
7	AKASH S	ME	

Designing of Charts: Third Position

SL No	Student's Name	Department	Batch
1	SREEJITH R K	ME	
2	ANAMIKA THANKAM	CSE	

3	ADITHYA A	CE	Batch B
4	AFSANA N S	CSE	

Sample Certificate Template

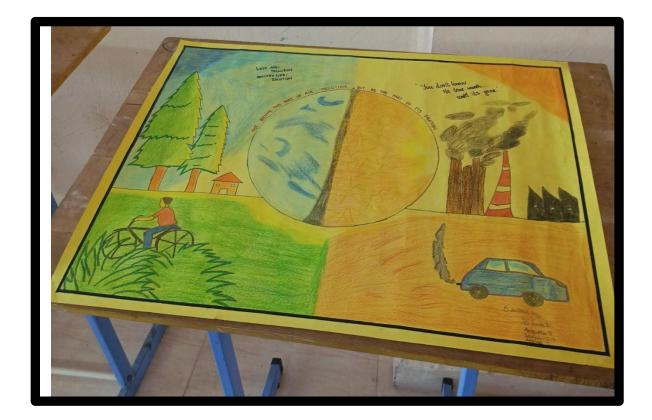


Some of the photos are as follows.











22. Human Values

The session 'Human Values' was organised as part of the Induction Programme 2022 for the first year students on 25^{th} , 26^{th} and 27^{th} of October, 2022 for all three batches. The sessions were handled by Ms. Rini Madhavan Rajeev (Asst. Prof. – CE) and Ms. Athulya Kamalasanan (Asst. Prof. – CSE). The classes focused on the major basic universal human values. The classes were handled offline for all the three batches.

There were a total of three sessions, the details of which are as follows

Batches	Date	Session time	No. of students present	Total Number of students
Batch C	25.10.2021	11:10 a.m. – 12:10 p. m.	45	48
Batch D	25.10.2021	1:55 p. m. – 2:55 p. m.	34	46
Batch B 26.10.2021		SESSION CANCEL	LED DUE TO '	VSSC VISIT
Batch A	27.10.2021	3:00 p. m. – 4:00 p. m.	40	48

OBJECTIVE

- To enlighten the students with a brief introduction on the 5 basic human values to be given at the beginning of the session.
- To explain the importance of education in holistic development of a person.

ABOUT THE SESSION

The topic was handled as an interactive session which involved the teachers and the students sharing real life examples which pointed out the importance of human values for the peaceful existence of the society. The differences between human values and ethics were also discussed with the help of short stories to point out the role of a responsible engineer. The concept of 'Schwartz Theory' was introduced to the students with the help of a coloured pie chart.

There was also a brief session on the importance of 'self-understanding', 'relationship' and 'physical facility' for the peaceful existence of a human being and thereby, the society as a whole. The fact that

animals need only physical facilities to survive emphasises the importance of human values and the virtue of value guided skill education for the holistic development of an individual.

The students had their fair share of doubts on how to understand and stick by these values all throughout their career and life in this ever changing world. The whole class was divided into groups to discuss among themselves on the relevance of different human values. A representative of each group was then asked to share their points of view to the entire class.

OUTCOME

The sessions were live and interactive and received positive feedback from all the three batches.

PHOTOS OF THE SESSIONS







23. LifeSkills

In Life skills are defined as "a group of psychosocial competencies and interpersonal skills that help people make informed decisions, solve problems, think critically and creatively, communicate effectively, build healthy relationships, empathize with others, and cope with and manage their lives in a healthy and productive manner". It helps to develop children's personality, talents, and mental and physical abilities, and realize their true potential through learning to know oneself and others, and make effective decisions to live harmonically together in the society. Continuing a story game task was given to the students to develop their communication skill and to improve the ability of positive thinking.

RULES AND REGULATIONS FOR THE GAME

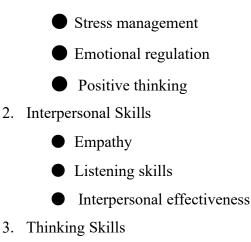
The aim of the game is to create a complete story as a team. Going around in a circle each student will contribute one sentence to the story.

- It is not an individual event, A team consists of 12 members.
- Students must finish the previous sentence off and then start off a new sentence.
- The game can be as long as you like or as short as you like.
- If student are a little shy or if you're looking to improve writing skills, you can use a paper and pen in this game instead of saying the sentences out loud.

• The title of the story should be given by the players

JUDGING CRITERIA

1. Self-awareness



- Goal setting
- Decision making
- Problem solving

TEAM MEMBERS:

The Lifeskill programme committee includes Mr Ajayakumar A G, Ms. Najitha Sharaf, Ms Varsha V S.

BATCH AND SESSION DURATION:

There were 4 batches - Batch A with 48 students, Batch B with 48 students, Batch C with 47 students and Batch D with 46 students. Each batch have Lifeskill session of duration about 1 hour.

SESSION PLAN:

An introduction about the Lifeskill was given to the students and they were divided into five groups consisting of 10 members each. Then they started telling the story by contributing one sentences to the story and also they were instructed to write the story which they narrated along with a title.

TITTLE OF THE STORY

- The Farmer and its Dog
- ✤ The Rock and the Moon

✤ The Magical Seeds

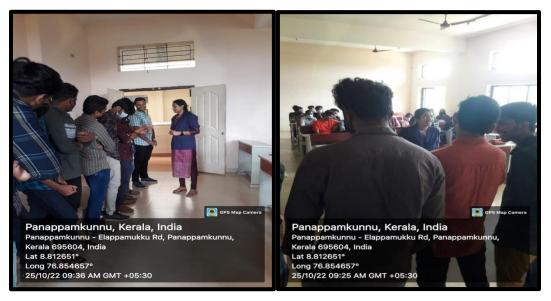
✤ The Wild Hunter

✤ The Fate of a Small Boy

CLASS HOURS AND FACULTY ASSIGNED:

SESSION	DATE	TIME	ВАТСН	FACULTY
1	25/10/2022	9am -10am	Batch B	s.Najitha Sharaf, Ms. Varsha V S.
	25/10/2022	11.10am-12.10pm	Batch D	Mr. Ajayakumar A G

PHOTOS



24. Film Show

As part of "INDUCTION PROGRAMME" organized by VAST TC for the 2022-2026 batch, a "FILM SHOW" was arranged. The schedule was follows:

The first show began on 28/10/22 morning 9AM, the movie displayed was "JURASSIC WORLD DOMINION", the show ended at 12PM. The next show began at 1PM, the movie displayed was "URI-THE SURGICAL STRIKE", the show ended at 4PM.

PROGRAMME POSTER



25. Motivational Session

As part of the Induction Programme 2022, Orientation Talk was organized for the newly joined students of all branches on 29th November, 2022 from 9.30 am to 4.00pm in the College Lobby .The Motivational Speaker was Fr.Sabu Thomas Assistant Professor, Sacred Heart College ,Thevara, Kochi.The event was Compared by Ms. Anjana N (Asst.Prof-ECE).Dr.Jayanthi L.S (HoD-Applied Science) delivered the welcome address. The introductory speech was delivered by Director Brig. K S Shaji.The event was coordinated by Ms. Vigitha Vidyadhar (Asst.Prof-AS).

Description	Staff in Charge	Duties and Responsibilities	
Venue Arrangement	Mr.Prasanth B.Mr.Dinesh Kumar ,Ms Mariyam beevi .P.M	Arrange Laptop,Projector,Screen,Sound system,Sound cable	
Hospitality	Ms.Devikrishna B,Ms.Ashly k.John	Arrange Lunch and refreshment for Guest	
Comparing	Ms.Anjana N	Compare the entire event	
Students Refreshment	Mr.Sreejith S.Nair ,Ms.Varsha V.S,Ms.Adithya G.S	Arrange tea and snacks for students	
Poster /Certificate	Mr.Ajaykumar G	Arrange poster for the event and certificate for the resource person	
Transportation	Mr.Prasanth B.	Receive resource person	
Discipline	Mr.Unnikrishnan M.A, Mr.Robin david	Students Discipline	
Comparing	Ms.Gouri L.R	Vote of Thanks	

The session commenced at 9.30 AM .The session was highly Motivated and inspirational for the students.The response of the students are overwhelming. Father started his session on how we can differentiate between ordinary and extraordinary people. Students responded with their aspects and father gave points to each branch. He explained how to become an effective and successful person in our life. He explained hardwork is the key to success.Father explained that for a successful life we want a perfect goal ,determination and hardworkFather shared motivational videos to the students and asked students to explain the facts. Students shared their point of views. Father explained the following points

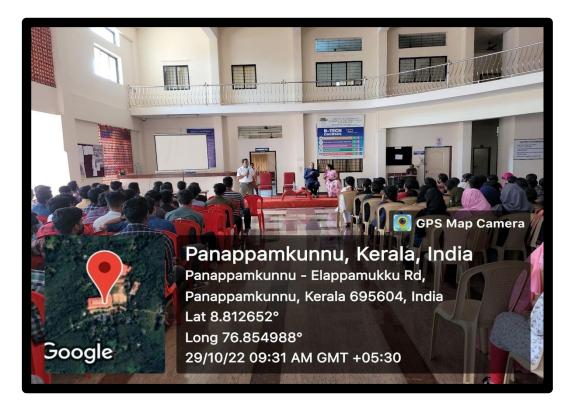
- Have a definite goal
- Have strong desire to achieve the goal
- Come out of your comfort zone

- Grab the oppurtunities
- Dare to Commit mistakes/failures
- Don't Compromise
- Be Thankful

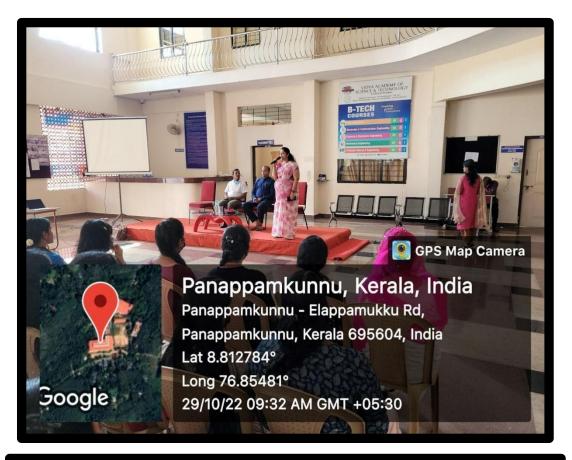
The motivation stories improved the self confidence among students. The students share their ideas and thoughts throughout the session. The students expressed their viewpoints. He explained about positive change in the attitude .He explained about Intelligent and Emotional Quotient among the students.He quoted stories about successful people.Father's lecture was inspiring for the students. The examples presented about the necessity of combining intelligence and wisdom were excellent. Through the short documentary of Fish, action was created in everyone. Mother Teresa and Obama became role models. The students to the student who said goodbye to the world due to cancer created an attitude towards life in everyone.Father explained about importance of Self Confidence.He wished the students to be a successful person by completing the engineering studies with self confidence.Students shared their experience and expressed their positive feeling after the motivational class. He concluded the session with students feedback .The session winded up at 4.00 pm.Total 120 participants including faculty members attended the session. The session inspired and motivated all students.



Glimples of the Event









26. Cybercrime Awareness

OBJECTIVE:

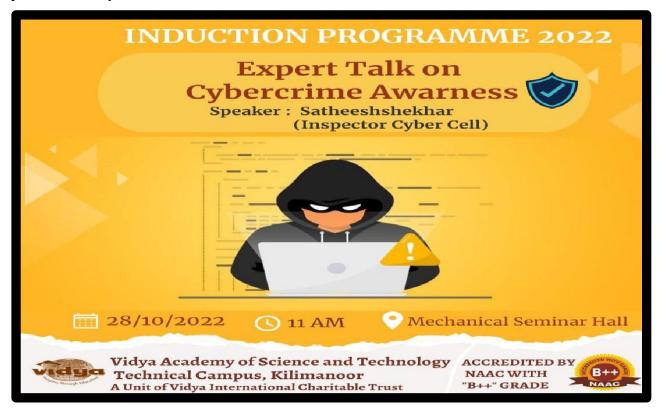
• To get an awareness on Cyber crime

PROGRAMME OVERVIEW:

• What is Cyber crime?

- Need of cyber crime awareness
- Prevention of Cyber crime

Vidya Academy of Science and Technology Technical Campus, Kilimanoor conducted **Cyber Crime Awareness** sessions for first year students as part of **Induction Programme 2022** on 28/10/2022. The sessions were handled by **Mr.Satheesh Shekhar**, Inspector,Cyber Cell. The sessions were coordinated by **Ms.Beena V R**, AP CSE. The first session conducted from 11.30 am to 12.45 pm for A and B batches. The second session conducted from 1.00 pm to 2.30 pm for C and D batches. Total 72 students participated in the first session and 66 students participated in the second session. The resource person explained the importance of cyber crime awareness and about prevention of cyber crime.





OUTCOME:

The sessions were very much informative. The students learned about different cyber crime activities and how to prevent cyber crime.

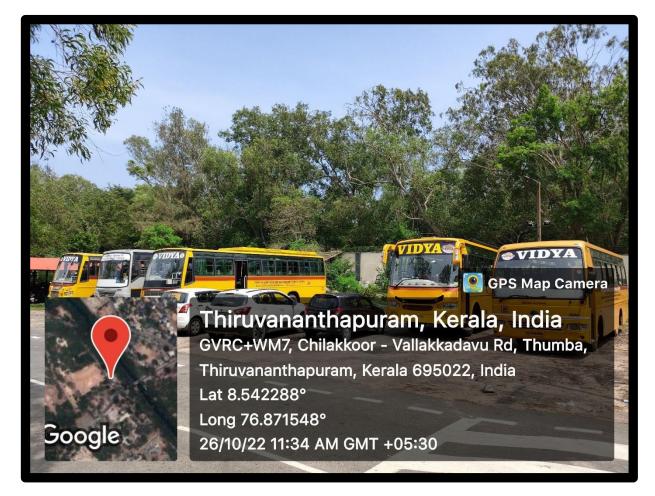
27. VSSC VISIT

The Vikram Sarabhai Space Centre, Thiruvananthapuram visit for first year students were conducted on **26-10-2022** with **173** students and **10** faculty members. The journey was started at 9.30 AM from the college and reached VSSC at 11 AM. Then the students were splitted in to two groups and entered in to the space museum. The journey of Indan space research programmes were well explained with the help of prototype models and working models by the guides of VSSC. The visit was come to an end with a video presentation in a mini theatre inside the museum.

Faculty members present: Mr. Sreejith S Nair, Ms. Krishna L, Ms. Varsha, Ms. Gouri L R, Ms. Krishnapriya, Ms. Gokul Biju, Ms. Ashly, Ms. Anjana N, Mr. Ajayakumar A G

Photos of the visit





INDUCTION 2022 CONCLUSION

The feedback regarding the sessions of the Induction Program was given by first year students of various departments. The feedback of the students was overwhelming. They conveyed their thanks to all the faculties who took classes for them, and to the college management and staff. They added that all sessions were unique and interesting. The students commented that the Induction Program was a great experience for them and boosted their self-confidence. They said that all the sessions were very interactive. They also informed that the basic papers helped them to know about other branches. And Induction Program 2022 came to an end.

***** ONE DAY WORKSHOP ON OUTCOME BASED EDUCATION

The Internal Quality Assurance Cell (IQAC) of VAST TC organized a session titled "Workshop on Outcome Based Education" on 1st November, 2022. The resource person of the event was Dr.K.Sargunan, Associate Professor, Department of Civil Engineering and Mr.R.Sajith Krishnan, Assistant Professor, Department of Mechanical Engineering, VAST TC. The event was coordinated by Ms.Vigitha Vidyadhar, Assistant Professor, Applied Science Department. The session officially began with a welcome address by the Principal, Dr. T.Mathavaraj Ravikumar. The session was facilitated by Prof.Vijayakumar, Head of the Department, Department of Civil Engineering. The event was divided into two sessions. Participants engaged actively during both the sessions of the programme followed by a Q&A session. Feedback was collected from every participant.

4 SESSION 1: 2:30 PM TO 3:15 PM

- Introduction- The resource person explained the need and responsibilities of the Internal Quality Assurance Cell (IQAC) in the Institution.
- The resource person gave a highly informative presentation on the concepts of outcomebased education and provided thorough explanations of CO-PO/PSO mapping.

4 SESSION 2: 3:15 PM TO 4:00 PM

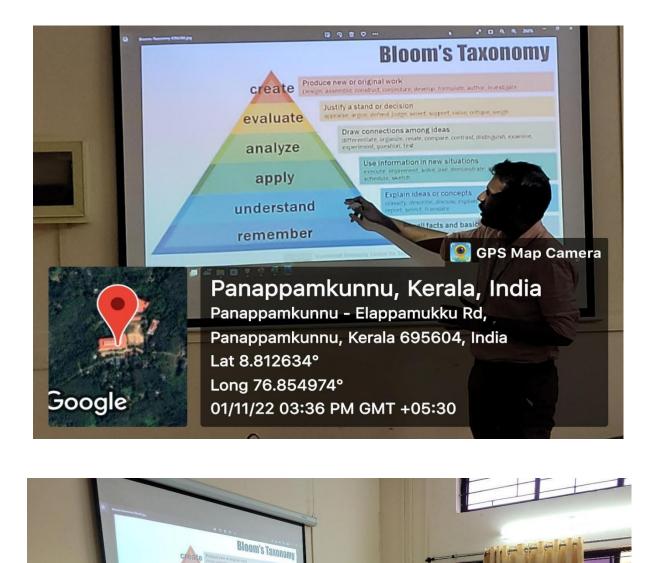
- ➤ The resource person provided in-depth explanations about the tools used for CO-PO attainment and also offered a very instructive presentation on how to fill the gap for the shortfall during assessment.
- The sessions brought a plethora of details. The participants gained knowledge of the process that entails restructuring the curriculum, assessment, and reporting practices in education to emphasize high order learning and mastery rather than the accumulation of course credits. Throughout the sessions, the participants were really engaged and motivated. Participants in the feedback sessions responded favourably, stating that the content was pertinent and delivered in the appropriate manner.

POSTER:



GLIMPS:





valuat

Google

💽 GPS Map Camera

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WORKSHOP ON PCB FABRICATION

The Department of ECE conducted a one-day workshop - HANDS-ON TRAINING ON PCB DESIGN AND FABRICATION for 1st year ECE students (2022-26 Batch) on 05/11/2022. The resource persons were five students of S3 ECE (2021-25 Batch). Resource Persons were:

- ♦ Mr. NIJIN S S S3 ECE
- * Ms. ARDRA A S S3 ECE
- * Mr. ABHINANDH A S S3 ECE
- * Mr. SABAREESH A S3 ECE
- * Mr. ABHINAV S S3 ECE

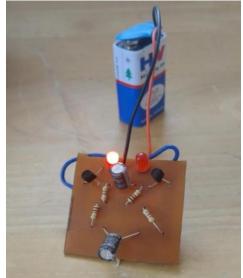


The Course Contents of the workshop were

- Introduction and Facilities
- Uses
- Material/Tool/Equipment Selection.
- Steps and Preparation.
- Connection of conductors and terminals.
- Etching
- Soldering

Final Output





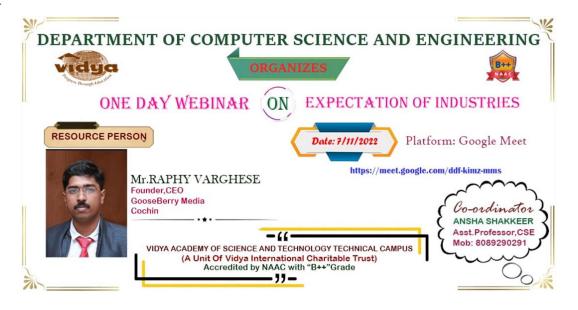
Glimpses of the event



*** WEBINAR ON "EXPECTATIONS OF INDUSTRIES"**

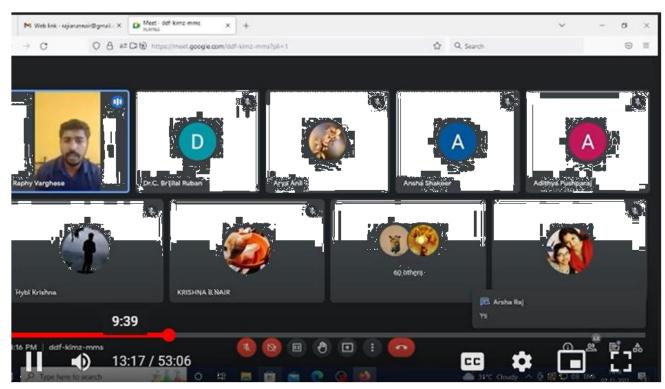
The Department of Computer Science and Engineering, VAST TC organized a Webinar on "Expectations of Industries" on 7th November 2022. The program was organized by Dr.C.Brijilal Ruban, HoD of Computer Science and Engineering. The resource person of the event was Mr. Raphy Varghese, FounderGooseberry Media. The event was coordinated by Ms.Ansha Shakkeer, Assistant Professor CSE. The event started after a brief talk by Dr.C.Brijilal Ruban,HoD,CSE.Total of 67 students of S5 CSE and S7CSE participated in the workshop. Ms.Krishna L, AssistantProfessor,CSE,Ms.Rejin Moncy A, Assistant Professor,CSE, Mr.Suraj SR, Assistant Professor CSE, Mr.Bibin Dev, TradeInstructor,CSE and Mrs.Raji Mol R T, Trade Instructor, CSE were very much dedicated to render their service throughout the sessions. Positive responses were received from the students through the google form provided. The event was structured in 2 hour sessions, followed by a Q & A session and the feedback was collected from all students.

POSTER



GLIMPS:





CERTIFICATE



SEMINAR ON ELECTRICAL SAFETY

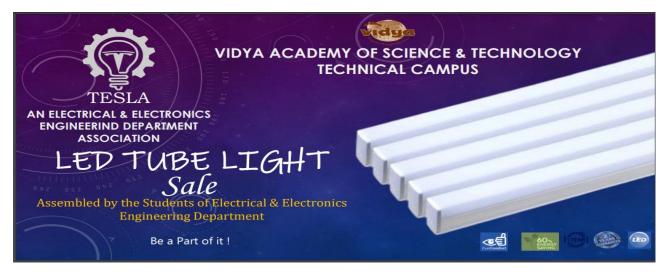
A One-day seminar was organized by Department of Electrical & Electronics Engineering on 7th of October 2022 (Monday) for the students of Electrical Engineering department. The Seminar was started with a welcome speech by Ms. Parvathy C J, AP-EEE Dept. in the presence of Dr. Pravin Rose T, HOD EEE Dept, resource person Akhil I R, AP EEE Dept. CET, Program coordinator & Tesla Association coordinator Mr. Arjun Mohanlal, AP EEE Dept along with other staff members of EEE department. The seminar provided an idea about purpose, basic concepts of electricity, the effect of electricity on human body, hazard recognition, electric hazard protection, work practices, standards in electrical safety etc.With help of seminar, students understood the importance of Electrical safety in which it is a general practice of workers who are exposed to handling and maintaining electrically powered equipment. And came to know about a set of guidelines they follow to mitigate electrical hazards and prevent its dangerous effects in case of an incident.

- \rightarrow All the participants were able to understand how to prevent electrical-related injuries.
- \rightarrow Implement proactive controls across the spectrum of expected hazards.
- \rightarrow Educate the lab population about electrical hazards.

- \rightarrow Demonstrate compliance to established standards.
- → Promote a vibrant electrical safety culture.

SCHEDULE OF THE SEMINAR

TIME	EVENT
09.30 AM – 09.35 AM	Welcome Address
09.35 AM – 10.45 AM	Session on "Electrical Safety"
10.45 AM – 10.50 AM	Vote of Thanks



SESSION PHOTOS





✤ PARTICIPANT CERTIFICATES



***** ORIENTATION PROGRAM, IDEA COLLECTION AND GROUP DISCUSSION FOR FIRST YEARS

The IEDC VAST TC Kilimanoor organized an orientation program for first year students for

getting an idea about IEDC and our IEDC activities.

NODAL OFFICER: Dr.Unnikrishnan M A Assistant professor Department of Mechanical Engineering VAST TC

<u>COORDINATORS</u>: Mr.Jerin Joseph Sebastian (S7 ECE, VAST TC) and Mr.Mohmmed Sakkariya N S (S5 ECE, VAST TC)

We started this orientation program on 03/11/2022-04/11/2022 at the time 01:30-02:20 pm and

in these two days we covered 4 departments and successfully conducted our orientation

program.As a part of this orientation program we conducted an IDEA Collection event named as

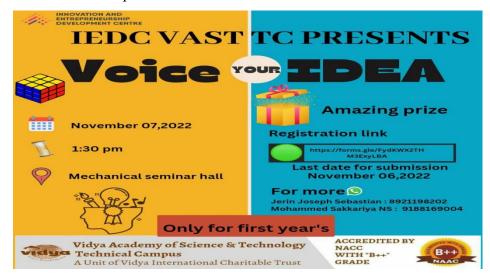
"VOICE YOUR IDEA"

A good amount of participation was obtained and around 60 students submitted their ideas on various topics of relevance ranging from technology, medical, social etc.

Idea submission Link and poster

https://docs.google.com/spreadsheets/d/1uaOIhMBL8GiIyGgoFH0bRa1QU6typ9PwqWKMyDGs4V4/edit?us p=drivesdk

After the idea collection we conducted a group discussion session for the idea submitted students we split the total students into 7 groups and we give three events to them the three events were Ideation, Hackathon and Workshop and each team select their own topic and they explain how will they coordinate and make it successful. This session was conducted in Mechanical seminar hall and the program was inaugurated by our Administrative Director Brig.K S Shaji sir and he motivated the students to become future entrepreneurs.













FRESHER'S DAY - CSE

The Department of Computer Science and Engineering in association with CODIAC organized a Fresher's day ("ENNADA ETH 2K22") on 19th November, 2022 at Boy's Common Room from 2.00 pm to 4.00 pm to welcome first year students of CSE 2022- 2026 batch. The purpose of the program is to welcome new students in a friendly atmosphere and to encourage their creative impulse to boost their confidence. The programme was organized by senior students of the CSE department. The programme started with the welcome speech of Mr. ArunNambi (Student S7 CSE).Then the inaugurated by Dr.BrijilalRuban programme was (HOD,CSE Department).Followedbythefelicitationofadvisorystaffsoffirstyear CSE Department (Dr.Divya M K &Ms.Ashly K John).Latertherewasanintroductorysessionforjuniors and seniors.After that, cultural

activities were conducted. Students participated in singing and dancing.Interactive sessions like games were conducted. Mr.Aadil Muhammed of S7 CSE coordinated the games along with other coordinators. At The End Of The Function,Ms.AnjanaA R (Student S7 CSE) thanked all the students and faculties for their cooperation in making the function a success. The function ended at 4.00PM





✤ STUDENT ACHIEVEMENT

3 students of S7 ECE has participated in Problem solving in the Real World held as part of TATHVA 22 conducted by **National Institute of Technology, Calicut.**

- 1. Abhirami R (S7 ECE)
- 2. Jerin Joseph Sebastian (S7 ECE)
- 3. Sreenulal B (S7 ECE)

Sample Certificate is hereby attached with



- 10 students of S7 ECE has participated in AI DRIVEN VALUE CHAIN IN RETAIL INTELLIGENCE held as part of TATHVA 22 conducted by National Institute of Technology, Calicut.
 - 1. Hajira Beegum S
 - 2. Chinthutty B.B
 - 3. Jithu J.M
 - 4. Shibi S
 - 5. Vipin B
 - 6. Nimisha Jeevan
 - 7. Farhana Rafi
 - 8. Jesna James
 - 9. Annu Anand
 - 10. Amina Sajeer



Sebestian of S7 ECE has participated in the orientation session Perfect Trajectory organized by Marian IEDC on 11th October 2022 at Marian Engineering College



 Jerin Joseph Sebestian of S7 ECE (2019-23 Batch) attended the Launch of IPL 2.0 & Inspire Students Meetup - South Zone



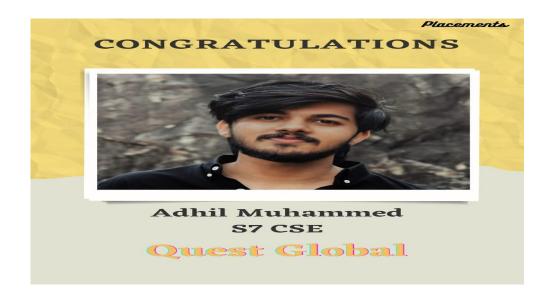
* Ms. Sainaba B.F of S7 ECE (2019-23 Batch,) got placed in Quest Glpbal



→ Subeeshdev B. S. (S7 ECE) has participated in the workshop on Advanced Model Rocketry from 5/11/2022 to 7/11/2022.



→ Mr. Adhil Muhammed of S7 CSE (2019-23 Batch, CSE) got placed in Quest Global



***** MOOC COURSES

 Arathy B, Student of S1 CSE completed a MOOC course on "Python for Beginners" from Simplilearn on 17th November 2022.





WORKSHOP

→ Adithyadev S and Sabari S, Students of S1 CSE have completed a two-day workshop on "Gesture control Robotics" conducted by ASME Student section Govt Engineering College Bartonhill in 12/11/22-13/11/22.



Saji SS

ASME Student Section Advisor

Anagha V R

ASME Chairperson

Adithyadev S and Sabari S, Students of S1 CSE have completed a one day workshop on "Introduction to Sensors and Arduino Programming " conducted by ASME Student section Govt Engineering College Bartonhill in 12th November 2022



Adithyadev S and Sabari S, Students of S1 CSE have showed exemplary performance in the technical quiz conducted as a part of the two day workshop on "Gesture control Robotics" conducted by ASME Student section Govt Engineering College Bartonhill in 13/11/22.





- > SEVEN DAYS BOOTCAMP ON HOTSTAR CLONE
- Midhun A S of S5 CSE, 2020 batch completed seven days Bootcamp on Hotstar Clone using HTML, CSS and Bootstrap.



***** STAFF ACHIEVEMENT

Mr. Chandu C.B (Asst.Prof-ECE), Ms. Sreejitha S.G(Asst.Prof-ECE) and Ms. Beena V R(Asst.Prof-CSE) got selected to do Part Time PhD under KTU.







Ms. Sreejitha S.G Ms.Beena V.R

→ Ms. ANCHU E S (Asst. Professor in Chemistry, Dept. of Applied Science) attended a fiveday online workshop on "RESEARCH AND PUBLICATION ETHICS" Organized by the Internal Quality Assurance Cell (IQAC), Mar Athanasius College, Kothamangalam from 22nd to 26th October 2022.



→ Mr.Bibin Binu of S7 CSE (2019-23) has completed the 12 week NPTEL Online course on Cloud Computing with a consolidated score of 50%

(Funded by the MoE, Govt. of India)	
This certificate is awarded to	
BIBIN BINU	
for successfully completing the course	
Cloud Computing	
with a consolidated score of 58 %	
Online Assignments 24.85/25 Proctored Exam 3	33.15/75
Total number of candidates certified in this course: 9640	
	Despaine
Jul-Oct 2022	Prof. Debjani Chakraborty Coordinator. NPTEL
(12 week course)	IIT Kharagpur
Indian Institute of Technology Kharagpur	FREE ONLINE EDUCATION
Roll No: NPTEL22CS87S53460152 To validate the certificate	No. of credits recommended: 3 or 4

*** BOOTCAMP**

- → Anagha S Kumar, Student (S1 CSE) has completed four 5 days Bootcamps offered by LetsUpgrade in collaboration with NSDC- National Skill Development Corporation, ITM Edutech Training Pvt. Ltd. and GDG MAD- Google Developer Groups. The four Bootcamps are as follows:
 - 1. Python and Data Science Essentials Bootcamp from 11th October to 16th October
 - 2. Python Programming Essentials Bootcamp from 1st November to 5th

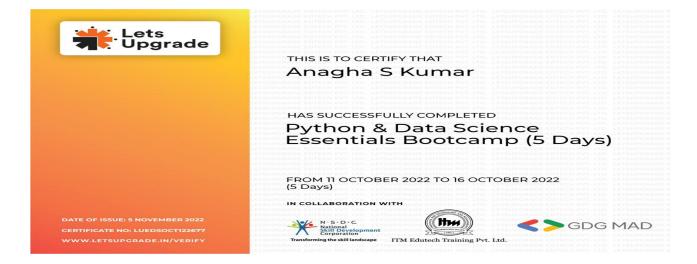
November

3. Java Programming Essentials Bootcamp from 8th November to 12th

November

4. C++ Programming Essentials Bootcamp from 15th November to 20th

November.

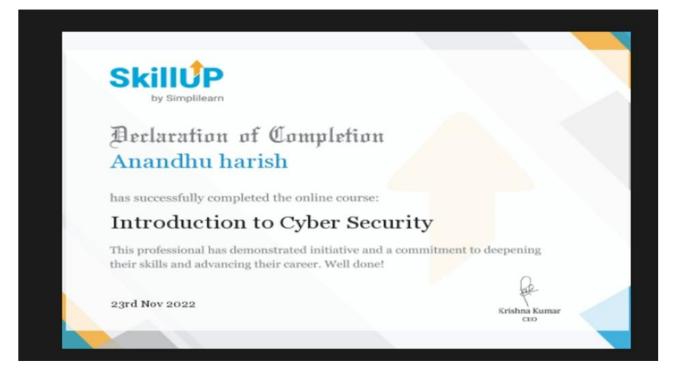




→ Anandhu Harish Rani (Student of S1 CSE) completed an online course on " Introduction to Cyber Security" from SKILLUP by Simplilearn.



Anandhu Harish Rani S1 (2022-26 Batch) CSE



→ Arya A R (Student of S1 CSE) completed an online course on " Introduction to Cyber Security " from SKILLUP by Simplilearn.



Arya A R S1 (2022-26 Batch) CSE



Beclaration of Completion

Arya A R

has successfully completed the online course: Introduction to Cyber Security

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

25th Nov 2022 Certificate code : 3963375

Krishna[']Kumar CEO

✤ ALUMINI ACHIEVEMENT





ബിടെക്ക് പരീക്ഷയിൽ മികച്ച വിജയം കൈവരിച്ചവിദ്യ എൻജിനീയ റിംഗ് കോളേജിലെ മെക്കാനിക്കൽ എൻജിനീയറിംഗ് വിദ്യാർത്ഥി മൃഹമ്മദ് ആരിഫിനെ മന്ത്രി ജെ. ചിഞ്ചുറാണി അനമോദിക്കുന്നു.മെ ക്കാനിക്കൽ വിഭാഗം മേധാവി ബിജേഷ്.പി, അദ്ധ്യാപകരായ ഡോ. ഉണ്ണികൃഷ്ണൻ, അജയക്ടമാർ, അരുൺ ലോഹിതാക്ഷൻ എന്നിവർ പ ങ്കെട്ടത്ത

KERALA KAUMUDI EPAPER Clipping Kerala Kaumudi - Trivandrum

CONTRIBUTORS TO THIS EDITION

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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