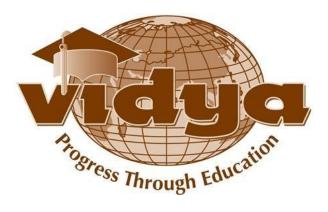
# VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS

Approved by AICTE | Affiliated to University of Kerala & KTU Malakkal P.O., Kilimanoor, Thiruvananthapuram, Kerala –695602.



A Report on

# **INDUCTION PROGRAM 2021**

Conducted from 22<sup>nd</sup> to 27<sup>th</sup> of November 2021

Report Prepared By

Mr. Dawn Sivan Assistant Professor Department of ECE VAST TC

# **Induction Program for the B. Tech First Year Students of 2021 - 2025 Batch**

Vidya Academy of Science & Technology Technical Campus, Kilimanoor organized an Induction Program for first year students from 22/11/2021 to 27/11/2021. 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 sessions were conducted both in offline and in online mode. The online sessions of KTU were also presented to the students in the seminar halls.

The responsibilities of the whole event were split as under:

| Advisor        |   |  |  |  |  |
|----------------|---|--|--|--|--|
|                | Dr. Neethu Raj R.                                   |  |  |  |  |
|                | Overall Coordinators                                |  |  |  |  |
|                | Ms. Liji Ramesan Santhi                             |  |  |  |  |
|                | Ms. Sreejitha S. G.                                 |  |  |  |  |
|                | Mr. Dawn Sivan                                      |  |  |  |  |
|                | <b>Batch Coordinators</b>                           |  |  |  |  |
|                | Mr. Sreejith S. Nair                                |  |  |  |  |
|                | Ms. Krishna L.                                      |  |  |  |  |
| Batch Advisors |   |  |  |  |  |
| Batch A        | Ms. Divya Sabu, Mr. Midhun S. S.                    |  |  |  |  |
| Batch B        | Batch B Ms. Mrudula Murukan G, Mr. Hariprasad T. R. |  |  |  |  |
| Batch C        | Batch C Ms. Aswathi V. Nair, Dr. Vipin Gopan        |  |  |  |  |
| Batch D        | Batch D Ms. Athulya Kamalasanan, Mr. Vivek R. S.    |  |  |  |  |

The Time Table of the Induction Program, the list of faculty handling or in-charge of the sessions, and the hours allotted for each session per batch are shown below:

|                    | INDUCTION PROGRAM 2021 TT |                    |                      |             |            |            |                        |  |
|--------------------|---------------------------|--------------------|----------------------|-------------|------------|------------|------------------------|--|
|                    | 22/11/2021, MONDAY        |                    |                      |             |            |            |                        |  |
|                    |                           | I                  | II                   | III         | IV         | V          | VI                     |  |
|                    | 9.00-9.15                 | 9.15-10.05         | 10.05-11.00          | 11.10-12.10 | 12.10-1.10 | 2.00-3.00  | 3.00-4.00              |  |
| Batch A            |                           | BS                 | SCOPE                | BCE         | BEE        | MATHS      | NSS                    |  |
| Batch B            |                           | ENG                | SCOPE                | BME         | MATHS      | CHE        | PD                     |  |
| Batch C            | Seminar Hall              | PHY                | BEC                  | PD          | P/S        | BCS        | ADZAP                  |  |
| Batch D            |                           | CHE                | BEE                  | P/S         | PHY        | HV         | SPORTS                 |  |
|                    |                           |                    |                      | 23/11/20    | 21, TUESI  | DAY        |                        |  |
|                    |                           | I                  | II                   | III         | IV         | V          | VI                     |  |
|                    |                           | 9.00-10.00         | 10.00-11.00          | 11.10-12.10 | 12.10-1.10 | 2.00-3.00  | 3.00-4.00              |  |
|                    | Batch A                   |                    |                      | SoftSkill   | PHY        | PD         | EXT                    |  |
|                    | Batch B                   | INAUGUR <i>A</i>   | ATION KTII           | SoftSkill   | BEC        | ADZAP      | EXT                    |  |
|                    | Batch C                   | INACGURA           | ATION KTO            | SCOPE       | SoftSkill  | CHE        | EXT                    |  |
|                    | Batch D                   |                    |                      | SCOPE       | SoftSkill  | BCE        | EXT                    |  |
|                    |                           |                    |                      | 24/11/202   | 1,WEDNES   | SDAY       |                        |  |
|                    |                           | I                  | II                   | III         | IV         | V          | VI                     |  |
|                    |                           | 9.00-10.00         | 10.00-11.30          | 11.40-12.10 | 12.10-1.10 | 2.00-3.00  | 3.00-4.00              |  |
|                    | Batch A                   | BCS                |                      | FeedBack    | ENG        | CyberCrime | ADZAP                  |  |
|                    | Batch B                   | HV                 | TALK KTU             | FeedBack    | P/S        | CyberCrime | SPORTS                 |  |
|                    | Batch C                   | MATHS              | TALK KIU             | FeedBack    | BCE        | PD         | CyberCrime             |  |
|                    | Batch D                   | ADZAP              |                      | FeedBack    | BME        | MATHS      | CyberCrime             |  |
|                    |                           |                    | 25/11/2021, THURSDAY |             |            |            |                        |  |
|                    |                           | I                  | II                   | III         | IV         | V          | VI                     |  |
|                    |                           | 9.00-10.30         | 10.30-11.00          | 11.00-12.00 | 12.00-1.00 | 1.45-3.00  | 3.00-4.00              |  |
|                    | Batch A                   |                    | P/S                  | BME         | HV         | TALK KTU   | PD                     |  |
|                    | Batch B                   | TALK KTU           | MATHS                | BCE         | PHY        |            | BS                     |  |
|                    | Batch C                   | 17 LK KTO          | NSS                  | BS          | CHE        |            | SPORTS                 |  |
|                    | Batch D                   |                    | PD                   | BCS         | BEC        |            | NSS                    |  |
|                    |                           | 26/11/2021, FRIDAY |                      |             |            |            |                        |  |
|                    |                           | I                  | II                   | III         | IV         | V          | VI                     |  |
|                    |                           | 9.00-10.00         | 10.00-11.30          | 11.30-12.10 | 12.10-1.10 | 2.00-3.00  | 3.00-4.00              |  |
|                    | Batch A                   | BEC                |                      | CHE         | MATHS      | PHY        | SPORTS                 |  |
|                    | Batch B                   | BEE                | TALK KTU             | P/S         | BCS        | NSS        | PD                     |  |
|                    | Batch C                   | ENG                | IALKKIU              | HV          | BEE        | MATHS      | ADZAP                  |  |
|                    | Batch D                   | P/S                |                      | BS          | PHY        | ADZAP      | CHE                    |  |
| 27/11/2021, SATURI |                           |                    |                      | _           |            |            |                        |  |
|                    |                           | I                  | II                   | III         | IV         | V          | VI                     |  |
|                    |                           | 9.00-10.00         | 10.30-11.30          | 11.40-12.10 | 12.10-1.10 | 2.00-3.00  | 3.00-4.00              |  |
|                    | Batch A                   | CHE                |                      | FeedBack    | ADZAP      | P/S        |                        |  |
|                    | Batch B                   | PHY                | TALK KTU             | FeedBack    | CHE        | ADZAP      | Valedictory Function   |  |
|                    | Batch C                   | BME                |                      | FeedBack    | P/S        | PHY        | variotion y 1 uniotion |  |
|                    | Batch D                   | MATHS              |                      | FeedBack    | ENG        | PD         |                        |  |

| Sl.<br>No | SUBJECT   | FACULTY   | TOTAL<br>HOURS |  |
|-----------|---|---|----------------|--|
| 1         | Dr. Anil Brahmanandan, Academic Director, Ms. Divya M. K.   |   | 1              |  |
| 2         | TALK ON SCOPE OF ENGINEERING<br>EDUCATION (SCOPE)   | ON SCOPE OF ENGINEERING Dr. T. Mathavaraj Ravikumar, Principal,                       |                |  |
| 3         | BASICS OF ENGINEERING   |   |                |  |
|           | A) BASICS OF MECHANICAL ENGINEERING (BME)   | Mr. Bijeesh P., HOD Incharge, ME  | 1              |  |
|           | B) BASICS OF CIVIL ENGINEERING (BCE)  | Prof. Vijayakumar K., HOD, CE   | 1              |  |
|           | C) BASICS OF ELECTRONICS & COMMUNICATION ENGINEERING (BEC)  | Dr. Neethu Raj R., HOD, ECE   | 1              |  |
|           | D)BASICS OF ELECTRICAL & ELECTRONICS<br>ENGINEERING (BEE)   | Dr. Pravin Rose T., HOD, EEE  | 1              |  |
|           | E) BASICS OF COMPUTER SCIENCE<br>ENGINEERING & LAB (BCS)  | Dr. Sanaj M. S., HOD, CSE   | 1              |  |
| 4         | BASIC SCIENCE (BS)  | Ms. Saritha U. M., HOD Incharge AS  | 1              |  |
| 5         | ENGLISH( VERBAL & NON VERBAL<br>COMMUNICATION/ THEME TALK) (ENG)  | Ms. Abitha A. S.  | 1              |  |
| 6         | HUMAN VALUES(HV)  | Mr Abhinandh K A Ms Rini Madhaya  |                |  |
| 7         | FUN MATHS(MATHS)  | Ms. Saritha U. M., Ms. Vigitha Vidyadhar  | 2              |  |
| 8         | PHYSICS(PHY)  | Mr. Prasanth V. Pradeep   | 2              |  |
| 9         | CHEMISTRY(CHE)  | Ms. Anchu E. S.   | 2              |  |
| 10        | CREATIVE ARTS   |   |                |  |
|           | A) PRODUCT DESIGN (PD)  | Dr. Vipin Gopan, Mr. Ranjith M., Ms.<br>Anju Vikraman V. J., Mr. Robin David          | 2              |  |
|           | B) ADZAP  | Ms. Anjana N., Ms. Revathy Prasannan,<br>Ms. Fathima Sherin T, Ms. Jayita V.<br>Mohan | 2              |  |
|           | C) POSTER/ SCULPTURE/ MODELS (P/S)  | Ms. Beena V. R., Ms. Meenu Rachel Jose, Ms. Sajina S., Ms. Jumana Beegum NS.          | 2              |  |
| 12        | CYBERCRIME AWARENESS  Mr. Kannan S. P. (Cyber Wing, Kerala Police), Mr. Suraj S.R.                              |   | 1              |  |
| 12        | SOFT SKILL TRAINING  Mr. Jose George Vachaparambil, Tech Masters, Ms. Niraja J. Shenoy                          |   | 1              |  |
| 13        | NSS ACTIVITY  Mr. Lenin Babu , Ms. Anjala S.S., Ms. Ansha Shakker, Mr. Sajith Krishnan                          |   | 1              |  |
| 14        | Mr. Vivek R.S., Mr. Sreejith S Nair, Mr. Dheeraj K. M., Ms. Swathy Krishna V R, Ms. Lisha Gopalakrishna Pillai, |   | 1              |  |
| 16        | FeedBack  | Advisors  | 2              |  |
| 17        | VALEDICTORY FUNCTION  | Overall Coordinators  | 1              |  |
|           |   | TOTAL HOURS   | 29             |  |

The program started with an Introduction Session, handled by the Program Coordinators, who gave an overall idea about the 6-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 KTU Live sessions.
- 5. The names of the 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

As part of Induction Program 2021, an Expert Talk was conducted for first year students 2021-2025 batch on 23rd November 2021 from 3:00 PM to 4:00 PM via Google meet, which was aired live to all the students attending from college. The speaker of this event was **Dr. Anil B.**, Academic Director, VAST TC. He is a profound academician and former Principal, Government Engineering College, Trivandrum. **Ms. Divya M. K.**, Assistant Professor, CSE gave the welcome speech. After the welcome speech the session was handed over to the speaker.

The topic of the Expert talk was "Roadmap to Engineering Degree"

The following are the consolidated points shared by the speaker:

- 1. Evolution of Mankind
- 2. Present Technology Trends
- 3. Desirable Competencies for 21st Century
- 4. Engineering Curriculum
- 5. Employment Opportunities
- 6. Preparing for the world

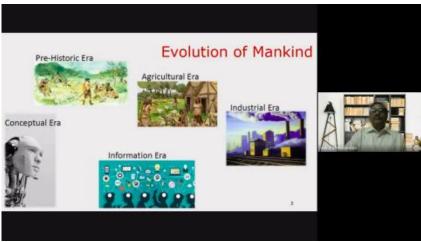
At the end of the session **Ms. Divya M. K.** (Asst Professor, CSE) delivered the vote of thanks. The event concluded at 4:00 PM. The event was successfully coordinated by **Ms. Divya M. K.**, (Asst Professor CSE). A total of **190** students attended the online program live from college.

#### Outcome

- 1. Students came to know about the evolution of mankind.
- 2. Different Current technologies trends
- 3. Students got to know the about the skills needed to excel in Engineering
- 4. Students got to know the basic idea of the Engineering curriculum, beyond the classroom skills and placement process.

The glimpses of the event are shown below:





# 2. Talk on Scope of Engineering Education

On behalf of the program, the committee conducted a Talk on Scope of Engineering Education on 22<sup>nd</sup> and 23<sup>rd</sup> November 2021. The resource person was the Principal of VAST TC **Dr**, **T**. **Mathavaraj Ravikumar**. Total of about 200 participants from a total of 4 batches attended the talk. **Ms. Indhulekha Jayachandran**, Assistant Professor (EEE) welcomed the Principal.

The Principal presented a motivational talk for the students. He explained about the University – KTU and gave tips to score high marks. He also gave advice on how to become a quality engineer. Different job opportunities both in government and private sectors for different branches were also discussed in the session. Various placement drives conducted in the college and the total numbers of placements in the college were also explained. The Principal also motivated the students to participate in extracurricular activities and also shared some of his experiences. At the end of the session, there was a Q & A session. Some of the students asked questions about GATE coaching, minor, honor etc and the Principal gave answers to the questions.

The Glimpses of the expert session are as below:







#### 3. Session of HoDs

A session each of the Basics of Engineering Branches - CSE, CS, ECE, EEE and ME was conducted for all batches by the respective HoDs. Also, an introduction to Basic Sciences 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. English (Verbal and Non Verbal Communication)

English communication has become an indispensable in the professional field. Sessions on Verbal & Non Verbal communication were conducted as part of Induction Program 2021 to enhance communication skills in students. A one-hour session for all branches was allotted and the sessions were handled by **Ms. Abitha A. S.** (Assistant Professor, AS Dept). An interactive session, "Express Yourself" was conducted for students to express themselves.

A PPT was shared and the students were given different tasks like identifying the pictures and communicating different body language cues. Students were made aware of different types of Non Verbal communication. Videos were shared to understand the relevance of Non Verbal communication like- maintaining eye contact while speaking, different postures etc.

A test of 10 marks was conducted to identify their proficiency in English language. The answers to the test were discussed in the class with proper examples in order to understand the application.

The session concluded with an exercise on "Where the communication went wrong?" The sessions witnessed enthusiasm and whole hearted support from students. Their responses and good feedback was the success behind all the sessions.

#### 5. Human Values

The session 'Human Values' was organised as part of the Induction Program 2021 for the first year students on 22<sup>nd</sup>, 24<sup>th</sup>, 25<sup>th</sup> and 27<sup>th</sup> of November for all the four batches. The session was handled by **Mr. Abinand K. A.** (Asst. Prof. – ME) and **Ms. Rini Madhavan Rajeev** (Asst. Prof. – CE). The sessions focused on the major basic universal human values. The classes were handled offline for three batches and online for one batch via Google Meet.

| TCI (           | 4 1 CC      | •         | 41 1 4 1    | C 1 · 1    | C 11           |
|-----------------|-------------|-----------|-------------|------------|----------------|
| There were a to | tal of four | Sessions  | the details | ot which   | are as follows |
| THOIC WOIC a to | tai oi ioui | besiding, | the actums  | OI WILLOIL | are as rono ws |

| Batches          | Date       | Session                   | No. of students present | Total Number of students |
|------------------|------------|---------------------------|-------------------------|--------------------------|
| Batch D          | 22.11.2021 | 11:10 a. m. – 12:10 p. m. | 43                      | 50                       |
| Batch B          | 24.11.2021 | 9:00 a. m. – 10:00 a. m.  | 47                      | 51                       |
| Batch A          | 25.11.2021 | 12:00 p. m. – 1:00 p. m.  | 46                      | 50                       |
| Batch C (online) | 27.11.2021 | 2:00 p. m. – 3:00 p. m.   | 16                      | 49                       |

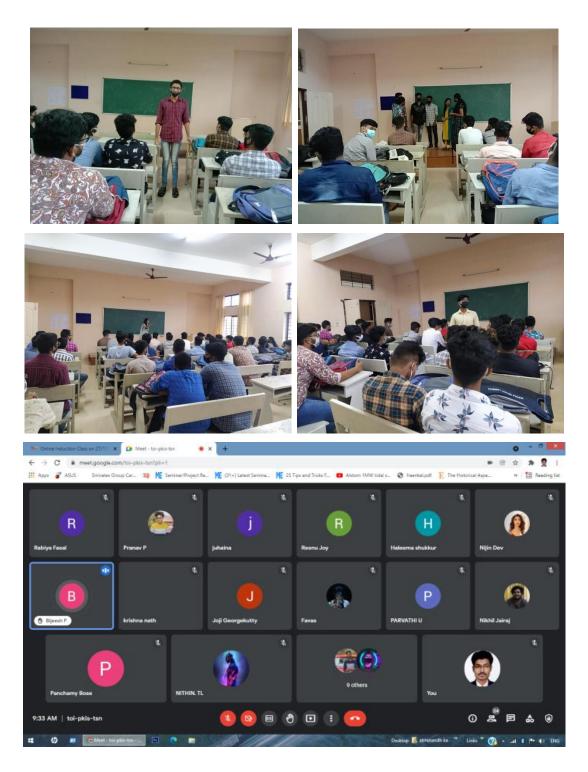
A brief introduction on the 5 basic human values was given at the beginning of the session. The session then moved on to explain the 10 universal human values.

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.

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.

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

Photos of the sessions are attached:



#### 6. Fun Maths

As a part of Induction program, a session on Fun Maths was organized from 22<sup>nd</sup> November to 27<sup>th</sup> November, 2021 by the Department of Applied Science in offline and online mode. The students of Civil department, Mechanical department, Computer Science department, Electronics and Communication department, and Electrical and Electronics department were engaged in their Fun Maths session with their full energy. In this session, a brief explanation of the application of Mathematics in Engineering, an introduction to Vedic Maths and a Quiz Programme were conducted for students. The sessions were handled by **Ms. Saritha U. M.** (Asst. Prof. & Hod in Charge - AS) and **Ms. Vigitha Vidyadhar** (Asst. Prof. - AS). The response from students were overwhelming.

Some photos and screenshot from the session are included:









### 7. Physics

The Department of Applied Science of VAST TC conducted an orientation program in Physics for all the newly joined students of 2021-2025 batches. The Foundation class was taken by **Mr. Prasanth V. Pradeep,** Assistant Professor in Physics, Department of Applied Science. First year students from all branches were able to attend the class at scheduled times.

#### **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

#### **Event Details**

### ➤ Session - 1 -Role of Physics in Engineering

First session was started by **Mr. Prasanth V. Pradeep** 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.

Then an activity was given 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 - 2 -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 - 2 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. **Mr. Prasanth V. Pradeep** Conducted the test with the support of **Ms. Saritha U. M.**, Asst. Professor Mathematics, **Ms.. Anchu E. S.**, Asst: Professor, Chemistry and **Mr. Vivek R. S.**, Asst: Professor, Mechanical Engineering.

### Feedback

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

## **Event Photographs**



# 8. Chemistry

**Ms. Anchu E. S.**, Assistant Professor in Chemistry, Department of Applied Science conducted an orientation program in Engineering Chemistry for first year B. Tech students of 2021-2025 batch on the topic "Importance of Engineering Chemistry in Engineering". 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**

- 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 methods for characterizing a chemical mixture or a compound.
- Understand the basic concept of SEM for surface characterisation of nonmaterial. 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.

Thus, the students could develop the ability to transcend from the subject knowledge to the applications of Engineering Chemistry in real life situations.

The photographs of the sessions are attached:



# 9. Creative Arts

# A. Product Design

The session was handled by  $Dr.\ Vipin\ Gopan$  ,  $Mr.\ Robin\ David$  ,  $Mr.\ Ranjith$  and  $Ms.\ Anju\ Vikraman\ V\ J$  .

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 to 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

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

Some of the slides presented in the session are shown below:



#### B. ADZAP

The ADZAP competition is a contest in which the team is tested upon the basis of convincing capabilities and selling of some product. The speaking up contest is designed to help youth develop skills, confidence, and poise in speaking to groups. Additionally, public speaking will help teach participants 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.

### **Rules and Regulations**

- 1. 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 its time your creativity got recognition! Come forward and showcase your creative side to participate in ADZAP WORLD.
- 2. Teams would be judged on innovativeness, humor, content, and originality.
- 3. ADZAP is not an individual event, team should comprise of maximum 4 members.
- 4. In case participants exceed the time limit judges will be free to disqualify the team.
- 5. A product will be provided prior, to the teams to advertise.
- 6. Different forms of expression like short talk or any other innovative form (care to be taken that they are not offensive or vulgar).
- 7. Teams are allowed to bring the properties they need
- 8. Duration of the Ad will be 3min.

### **Judging Criteria:**

- Clarity in thought
- Attentiveness
- Humor

- Team coordination
- Expression
- Creativity

The ADZAP programme committee included **Ms. Anjana. N, Ms. Fathima Sherin T, Ms.Revathy Prasannan,** and **Ms. Jayita V Mohan.** There are 4 batches. The session had total 2 hours as two slots (one hour each for one slot) in a batch. An introduction regarding the session will be given in the first class. The students should enact the subjects given during the second session. The students will be allowed to bring necessary accessories with prior permission from staff members.

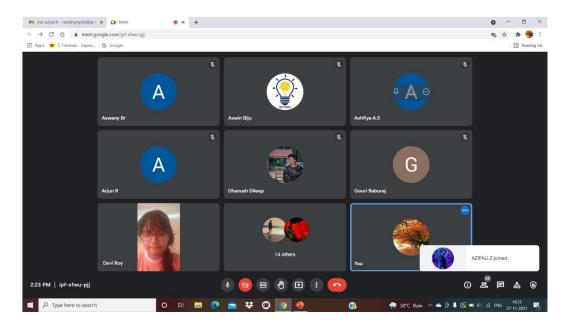
### Sample Topics

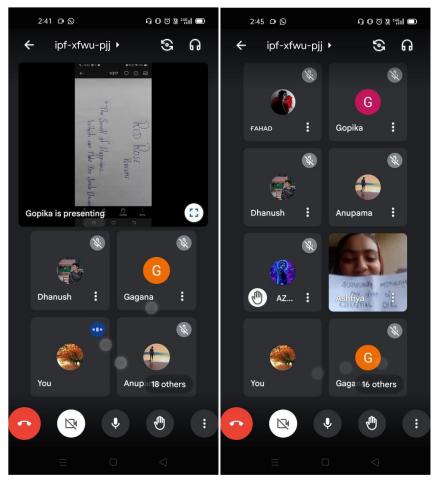
- PERFUME
- LIFE INSURANCE
- TEA POWDR
- ONLINE SHOPPING
- TALCUM POWDER
- FACE WASH
- ONLINE APPS
- BAGS
- MOSQUITO REPELLANT
- HAIR OIL
- FLOOR CLEANING LOTION

### **Conduction of the Session:**

The students were divided into several groups of 4 to 5 students and they discussed topic on the first day. The second session was conducted online. The students displayed the captions on the ADs by which they are trying to market their products. The students participated well and we received a positive response.

The screenshots of the sessions are attached below:





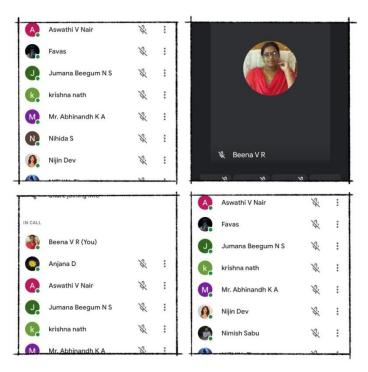
# C. Poster/ Sculptures/ Models

Vidya Academy of Science and Technology Technical Campus, Kilimanoor conducted Poster and Model making sessions for first year students as part of Induction Program 2021. For Batch A, the sessions were handled by **Ms. Sajina S.**, Assistant Professor, Department of EEE, VAST TC and **Ms. Meenu Rachel Jose**, Assistant Professor, Department of CE, VAST TC on 22/11/2021 and 27/11/2021. For Batch B, the sessions were handled by **Ms. Sajina S.** and **Ms. Meenu Rachel Jose** on 24/11/2021 and 26/11/2021. For Batch C, the sessions were handled by **Ms. Beena V. R.**, Assistant Professor, Department of CSE, VAST TC and Ms. **Jumana Beegum N. S.**, Assistant Professor, Department of EEE, VAST TC on 22/11/2021 and 27/11/2021. For Batch D, the sessions were handled by **Ms. Beena V. R.** and **Ms. Jumana Beegum N. S.** on 22/11/2021 and 26/11/2021.

There were two slots for each batch. During the first slot, the faculty members explained about poster and model making through PPT and it was conducted as offline. The second slot was conducted as online and the students were designed posters based on the theme Immunity War. The session helped the students to enhance their creative thinking and to deliver their own ideas

The screenshots of the sessions are included:





### 10. Cybercrime Awareness

The "Cyber Crime Awareness" session for first year students (all branches) happened on 24<sup>th</sup> November 2021 at Mechanical Seminar Hall (from 2 PM to 4 PM) for all batches. The session was handled by **Mr. Kannan S. P.,** Sub Inspector of Police, Hi-tech Crime Enquiry cell, Crime Branch, Kerala Police. He has 5 years experience in Cyber Crime Investigation, now in-charge of social media crime investigation. He conducted more than 250 cyber awareness classes in 4 years and also he is a faculty of KSWDC, IMG, KEPA, PTC, IIITMK etc.

There was two sessions, the details are as follows

| Batches     | Session     | No. of students present | <b>Total Number of students</b> |
|-------------|-------------|-------------------------|---------------------------------|
| Batch A & B | 2 PM – 3 PM | 87                      | 100                             |
| Batch C & D | 3 PM – 4 PM | 85                      | 99                              |

The faculty in-charge of the session was **Mr. Suraj S. R.** (Systems Manager|Asst. Prof. CSE). The session was started at 2:00 PM. The welcome note was given by Mr. Suraj S. R. There were 172 participants.

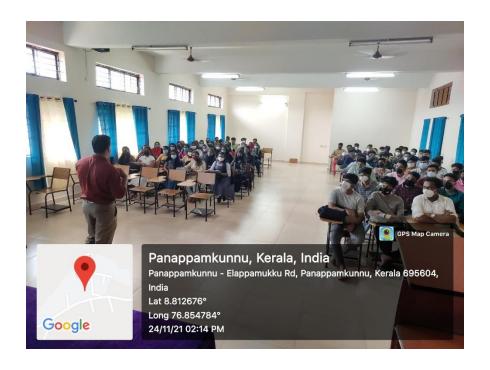
A brief introduction to Cyber Cell wing in the Kerala police department was given followed by the explanation of the Cyber crime awareness. The session was highly informative. Some of the points were discussed in the session as follows:

- He helped students how to identify unethical and illegal activities and how to avoid that.
- He discussed the legal issues related to hacking and morphing. It also gave students some ideas about how to safeguard while using social networking sites.
- Explained about the some of the common crimes in Kerala.
- Explained about various cyber offences IT ACT like Section 65, 66, 66B, 66C, etc.
- Threat to the Society: Advancement of Information Technology though has brought in various advantages, has also caused great disadvantages resulting from cyber misdemeanors.
- Explained about the awareness of blackmailing through social media with example.
- Discussed about the usage of third party applications in mobile phone.
- Explained about the importance of two step verification in social media networks.
- Discussed about Phishing.
- Discussed about the importance of making a strong password.

The vote of thanks was delivered by **Mr. Suraj S. R**. The session came to a close at 4 PM.

The snapshots of the session are attached:









# 11. Soft Skills Training

As part of the Induction program, soft skill session for the students (2021 Batch) was held at Seminar Hall on 23<sup>rd</sup> November, 2021, 11.00AM. **Mr. Jose George Vachaparambil**, the resource person motivated the students to excel in study and career. He gave some most beneficial points and tips to the students to concentrate on studies and to achieve their goals. After the session, students felt much benefited with such a good time and were even willing to have regular sessions like this. The session also focused on making the students build positive 'self – esteem' and discover their true potential. It covered the key elements required for a student to be successful in academics and in life. The presenter who himself is a source of motivation to students gave encouraging examples from his own life and inspired students to be a self-motivator. He discussed the importance of positive thinking and attitude which brings optimism into life and such constructive changes can make one brighter and more successful.

The pictures of the sessions are attached below:











# 12. NSS Activity

The session on the National Service was handled by the Programme Officer, Mr. Lenin Babu, Mr.Sajith Krishnan, Ms. Ansha Shakker and Ms. Anjala S. S. 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 VAST TC 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 VAST TC. 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. After a brief interaction with the students about the ideas they have gathered, they were assigned the

following socially relevant activities, which are to be documented as photographs and mailed to the program officers in a week.

- 1. Vegetable garden at their homes
- 2. Distributing basic necessities to their poor neighbours
- 3. Make masks and distribute them through social welfare organisations nearby

### 13. Sports/ Games/ Library

First-year students were divided into four batches for the induction program, namely Batch A, Batch B, Batch C and Batch D. On the first day of the induction program, a Sports/Games session was conducted for students of batch D from 3.00 pm to 4.00 pm. Students went to the college ground assisted by the faculties in charge of the session. Some students who wished to visit the college library were assisted by **Ms. Swathy Krishna**. Students played cricket during the session.





Sports/Games session was conducted for batch B on 24/11/2021 from 3.00 pm to 4.00 pm. Students engaged in a fun game where they were divided into two groups. One member from each group had to communicate with his team members through actions in order to convey the name of a movie set by the opposite team. Each team was awarded one point for guessing the movie name correctly and the Opposite team was awarded one point if they couldn't guess the name correctly. At the end of the game, team 1 won against team 2 with a score of 7 against 5.



Sports/Games session was conducted for batch C on 25/11/2021 from 3.00 pm to 4.00 pm. Since it was raining outside, using college ground for the activities was not possible. Students were divided into two teams, one team consisting of boys and the other team consisting of girls. Students were engaged in a fun game where they had to complete different puzzles set by the opposite team. Each team was awarded one point on the successful completion of the puzzle. The opposite team was awarded one point if they failed to complete the puzzle in time. Faculties in charge of the session explained game rules and maintained a fair game. At the end of the game, the boys' team won with a score of 8 against 6.



Due to heavy rain in the district, the induction program for the afternoon session was cancelled. The sports session scheduled in the evening was cancelled along with the rest of the sessions in the afternoon.

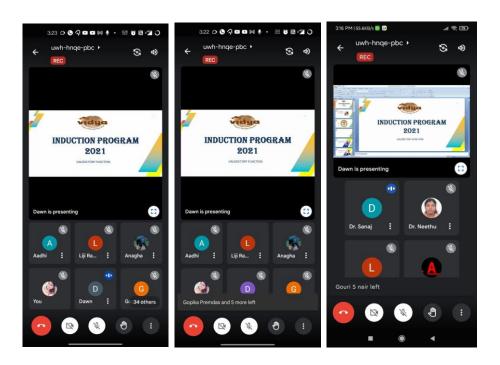
### 14. Valedictory Function

The Valedictory function for the 2021 Batch students was held on 27<sup>th</sup> November 2021 in Google Meet in two sessions. The sessions were anchored by **Ms. Liji Ramesan Santhi**, Assistant Professor, EEE. The function started with the welcome address by **Dr. Neethu Raj R.**, HoD ECE. The felicitations were given by **Dr. Sanaj M. S.**, HoD CSE and **Dr. Pravin Rose T.**, HoD EEE.

The feedback regarding the sessions of 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.

The function successfully ended with a vote of thanks given by **Mr. Dawn Sivan**, Assistant Professor, ECE.

The screenshots of the function is attached:



And Induction Program 2021 came to an end.