Index

Student Centric Methods

VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

BUDDY SYSTEM - DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Study Group of S3ECE

	Group 1	Group 2	Group 3	Group 4	Group 5
Leader	Ajay Biniu	Anusree	Amruthendu	Alaida	Sarath
	Sreejishnu	Gopika	Devka	Sandra	Alan
	Sreerag	Aparna	Anamika	Alfonsa	Bobit
	Varsha C P	Sandwana Das	Anu Lakshmi	Parvana	Alex
	Praneetha	Krishna Priya	Gokul	Anjima	Binil
	Ksheera	Navaneeth	Aswin Ajith	Sanjay	Mathew
	Navya	Kiran	Abhinav	Nibin	Aswin Divakaran
	Sanju	Gautham	Ajimon	Thomas	Helna
	Johns	Vaibhav	Melvin	Ashish	Abinaya
	Akash	Pranav	Harichandana	Kannan	Vishnu Priya
				Ronex	Meghna

LEADER'S REPORT								
Timestamp	Group Number& GroupLea	Group Members	Date and Time	Subject with code	Topics Studied & Modules	Absentee's name	Sample materials (Test co	
2-24-2022 12:31:21	Group 4 &Sandra Elizebat	Alfonsa,Anjima TK,Parvana pradeep,Sandra Elizebath Alex,Ronex pallath,sanjay,Nibin bv,Kannan mohan,Thomas,ashish mathew	24/02/2022	Network theory,ECT205	Module1&2-mesh and nod	No	https://drive.google.com/o	Option 1
2-24-2022 12:42:51	Group 1 Ajay binu	Sreejishnu,Sreerag,Varsha,Praneetha Ksheera,Navya Ajay,Sanju,Johns,Akash,Alaida,Meghana	24/02/2022	Network theory ECT205	Mesh and node analysis o	No absentees		Option 1
2-24-2022 16:30:17	5, Aswin Divakaran	Sarath s, Alan P Mathew, Bobit Benny,Alex Daniel, Binil Kurian, Mathew, Aswin Divakaran, Helna Saji, Abhinaya H ,Vishnupriya	24-02-22 , 4:30	Network Theory,ECT205	Module 1, Module 2 (Theo	Na		
2-24-2022 19:44:09	Group-3 : Amruthendu k	Anamika, Anulakshmi, Devika, Gokul, Harichandana, Melwin, Ajimon, Abhinav, Ashwin Ajith	23|2|22 9.00-12.00	Network theory -ECT205	Module 1 & Module 2 -m	Ashwin Ajith	https://drive.google.com/o	Option 1
2-24-2022 20:42:11	Group 2 - Anusree C	Anusree C, Sandhwana Das, Gopika Sanil, Aparna, Krishna Priya, Navaneeth, Kiran, Gautham Krishna, Vaibhav, Pranav	24/2/2022	Network theory ECT205	Module1, Mesh and Nodal analysis		https://drive.google.com/o	Option 1

STUDENT'S REPORT							
Timestamp	Name of the student	Univ Reg No	Date and Time	Subject Name with code	Faculty Name	Topics Studied & Modules	Sample copy of materials(Test copy or written materials)
2/24/2022 11:49:57	Gopika Sanil	VML20ECO25	23/2/22, 9-12.10	ECT 205 Network theory	Jithin James	Mod 1 and mod 2	
2/24/2022 11:54:28	Sandhwana Das	VML20ECO43	24/02/22 ,11.55	ECT205 NETWORK THEORY	Jithin James	Mod 1 and mod2	
2/24/2022 12:35:36	Sandra Elizebath Alex	VML20EC044	24/02/2022, 9 am to 12:10 pm	Network theory , ECT205	Jithin james	Module 1and 2 nodal,mesh analysis ,thevinen snd Norton theorems. Super position theorem.	https://drive.google.com/open?id=1mPut3QFc6DdvhSQuMfGPMuDJSjWVthcp
2/24/2022 12:38:23	Ajay binu	VML20EC003	24/02/2022 9:00am to 12:00pm	NETWORK theory ECT205	Mr jithin	Mesh,node analysis with ac and dc	
2/24/2022 19:55:57	Bobit Benny	VML20EC020	24-02-2022	Network theory ECT205	Jithin james	Module 1,2	https://drive.google.com/open?id=1rtvofepODB24elZgdcJumSM9VHIQUfaP
2/24/2022 19:57:04	Binil kurian	VML20EC019	24-01-2022	Network theory	Jithin sir	Module 1	https://drive.google.com/open?id=1Mo7Zm2oUpNpATvmUatn0TOPw1wKP8Pg-
2/24/2022 19:59:07	Sanju P S	VML20EC046	24-04-2022	Network theory,ECT205	Jithin James	mesh analysis node analysis (AC,DC, module 1) superposition theorem(module 2)	https://drive.google.com/open?id=1WvZrPNVqpgfMnws45ClfOfzIbqByF6ME
2/24/2022 20:04:08	Sreejishnu. P. A	Vml20ec049	24/02/23 9.00 am to 12.10 pm	Network theroy , ect205	Jithin james sir	Module 1 and 2 , ac , dc, spt and thevenian therom	https://drive.google.com/open?id=16Ronbg9smrrtDaZb7aVL3va1S2KAmjD5
2/24/2022 20:04:09	NIBIN BV	VML20EC038	24-02-2022	NETWORK THEORY ECT205	JITHIN JAMES	Mech analysis,Nodal analysis,Superposition theorum module 1 and 2	https://drive.google.com/open?id=194t75AfA9-doCisluR9sfRGbewx4Vkkq
2/24/2022 20:04:30	Alex Daniel	VML20EC008	24/02/22 9:00-12:00	Network theory-ECT205	Mr jithin james	Module 1 , mesh and node	https://drive.google.com/open?id=1G0fjHCvabAZN_d9Wn-8Ncmr2Ap6-DuLP
2/24/2022 20:05:05	Navaneeth v	VML20EC036	24-02-22 9:00am to 12:10	Network theory ECT205	JITHIN JAMES	mesh & nodal analysis (module1)	https://drive.google.com/open?id=1W5wb_jdLJYfoct83TlauGokGwERjeQRD
2/24/2022 20:06:51	Aparna K	VML20EC015	24-02-2022	Network theory(ECT205)	Jithin sir	Module 1&2, mesh analysis,node analysis,thevenins theorem,nortons theorem	https://drive.google.com/open?id=1m_tBcTqGGeqk3_F1M158q5L-g7az4ngG
2/24/2022 20:08:45	Thomas George	Vml20ec050	24/02/22 {10 am to 12 pm}	Network Theory {Ect 205}	Jithin james	Module 1&2 kvl,kcl {ac &dc}, nortan, thevenin, mesh analysis, node analysis	https://drive.google.com/open?id=1AdUtC9BS3BxaR3ELts4ooGLQNQSw1yk2
2/24/2022 20:09:34	Pranav N	VML20EC040	24th February 2022, 5:00 pm	Network theory ECT205	Jithin James	Mesh and nodal analysis module 1 and 2	https://drive.google.com/open?id=1ayhXCnepH_5bOrpfpkisIRDMBefSd5V-
2/24/2022 20:10:00	Kiran K	VML20EC030	24-Feb	Network Theory	Jithin sir	1st module	https://drive.google.com/open?id=1vdigrDqaoE7XaOiPoIKnbtRnpNfEtNhe
2/24/2022 20:13:39	Harichandana D	VML20EC026	24 february 9am	Network theory ECT205	Jithin James	Module 1 and 2	https://drive.google.com/open?id=1Gg_ohdYVSbSkMuxm79ED518qbPAmyxp0
2/24/2022 20:19:12	Krishnapriya vs	VML20ECO31	24/2/2022,	Network theory	Jithin sir	Module1,mesh analysis,nodal analysis	
2/24/2022 20:19:42	Ajimon Francis	Vml20ec004	24/02/22 {10am 12pm }	Network {ect205}	Jithin james	Module 1&2 kvl kcl mesh analysis nodal analysis	https://drive.google.com/open?id=1E7Vr6OHyt4EP4Firtyt1K86mGHfMuMpl
2/24/2022 20:21:00	Parvana pradeep	VML20EC039	24/02/2022,,9:00-12:10	Network theory,ECT205	Jithin james	AC, DC ,mesh ,node analysis,thevenian	https://drive.google.com/open?id=1sJ9px_ETHRKzMrHB5j45xXvvAeh2axbE

2/24/2022 20:23:02	Vishnu Priya K	VML20EC052	24 th feb ,time 8:20	Network theory-ECT205	Jithin James	Mesh,nodal analysis in DC and AC	https://drive.google.com/open?id=1zS8GRTa66YQWIgGoL-ib-kQQPUDs1y7v
2/24/2022 20:23:15	Praneetha ak	VML20EC041	24.01.2022	Networktheory ECT205	Jithin james	First and second module	
2/24/2022 20:23:22	Gautham Krishna k	VML20EC023	24/2/22. 10am to 1 pm	Network theory ECT205	Jithin James	KVL KCL MESH NODAL THEVENIN NORTON	https://drive.google.com/open?id=1_VQh2DU5y1dqoTHtO2ZYrGtuWNmeVem5
2/24/2022 20:24:17	Abhinav	VML20EC001	23-02-2022	Network theory ECT 205	Jithin James	Module 1	https://drive.google.com/open?id=1qAho3P8IsSD3ftc6fGX3LL9oYpDKp_d3
2/24/2022 20:25:14	C P Varsha	VML20EC021	24-Feb-22	Network Theory ECT205	Jithin james	Module 1 and module 2	
2/24/2022 20:26:10	Sarath Saseendran	VML20EC047	24-02-2022		Jithin Sir	Mesh and nodal analysis of both ac and supernode and supermesh;1st module	https://drive.google.com/open?id=1enoNTOb7m_kQ7vDfADM28lul8XEzz_dX
2/24/2022 20:31:25	Mathew mj	7024	24-02-2022	Network theory	Jithin sir	About mesh nodal analysis	
2/24/2022 20:31:26	MEGHANA SUMESH M	VML20EC034	24-02-22,9:00-12:10,1:00-4:10	Network theory(Ect205),lcdlab	JITHIN JAMES, LEKSHMI	NT-1,2MOD	https://drive.google.com/open?id=1GU8We8oXJh-8ktJMSvoY536UN61W8TmN

BOOSTER CLASS DETAILS ECE (ACADAMIC YEAR 2021-22)

Semester	Subject Identified		Name of the faculty	Number of Students identifie
	Subject code	Subject Name		
S1				
S2				
S3		Partial Differential Equations	Dominc M Thomas	5
		SSD	Sudarshana Vijayan	24
		Logic Circuit Design	Roshini T V	13
		Network Theory	Jithin James	24
S4	ECT 206	Computer Architecture and Microcontroller	Shimna P K	10
	ECT 204	SIGNALS AND SYSTEMS	Vinod J Thomas	13
	ECT 202	ANALOG CIRCUITS	Reema Mathew	17
S5	ECT 301	LIC	ROSHINI T V	15
	ECT 303	DSP	JAYESH GEORGE	29
	ECT 305	ADC	ANUSHA CHACKO	29
	ECT 307	CONTROL SYSTEMS	ADARSH K S	29
S6	NO BOOSTER CLASS			
S7	NO BOOSTER CLASS			

S8	NO BOOSTER CLASS			

BOOSTER CLASS DETAILS CSE (ACADAMIC YEAR 2021-22)

Semester	Subject Identified		Name of the faculty	Number of Students identified
	Subject code	Subject Name		
	MAT101	Linear Algebra and Calculus	Prof. George K VMs.Ammu JoseMs. V	512515
	EST100	Engineering Mechanics	Mr. Alex GeorgeMr. Arunlal M PDr. Sre	413737
	EST120	BASICS OF MECHANICAL Engineering	Mr. Gokulnath R	42
S1				
	MAT102	VECTOR CALCULUS, DIFFERENTIAL EQUATI	Ms. Ammu JoseProf george K	101210
	EST110	ENGINEERING GRAPHICS	Mr. Rameshan K P	63
	EST130	BASICS OF ELECTRICAL & ELECTRONICS EI	Ms. Athira M ThomasMr.Prabin .	1722
	EST102	PROGRAMMING IN C	Ms. Nayana SureshDivya BMs.	192922
S2				
	CST 205	Object-Oriented Programming Using Java	Ms. Neena V.VMs. Tintu Devasia	1524
	CST 203	Logic System Design	Mr. Abdul LatheefMs. Divya K.	1122
	CST 201	Data Structure	Ms. Derroll David	15
S3	MAT 203	Discrete Mathematical Structures		
	CST202	COMPUTER ORGANIZATION AND ARCHITEC	Mr. Akhil K. K.Ms. Namitha P.	1514
	CST204	DATABASE MANAGEMENT SYSTEM	Ms. Anit Thomas MMr. Akhil K. K	2111
	CST206	OPERATING SYSTEMS	Ms. Nayana SureshDr. Manoj V. Th	2129
S4				
	CST 305 (A)	System Software	Dr. Febin I P	5
	CST301 (A)	Formal Languages and Automata Theory	Neena V V	41
	CST 301	Formal Languages and Automata Theory	Anit Thomas M	19
S5				
	CST306 (A)	Algorithm Analysis and Design	THRIPTHI P BALAKRISHNAN	21
	CST 304 (A)	Computer Graphics & Image Processing	Asha Baby	14
	CST 302	Compiler Design	Anit Thomas M	17
S6				

S7				
S8				

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VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDUSTRIAL VISIT REPORT OF S8 ECE (2018-22 BATCH)

DATE: 30th March 2022 to 3th APRIL 2022
LOCATION: BELUR, CHICKMANGLORE AND GOA
INDUSTRIES: GOA DAIRY, ZEPHYR BIOMEDICALS

INTRODUCTION:

As part of Kerala Technical university curriculum, the **S8 ECE (2018-22)** students of Electronics and communication department visited GOA DAIRY & NIO as a part of 3 day IV to get an exposure to the industrial environment. Hence in this regard the above mentioned industry acknowledged our request to visit the facility and permission was granted to visit on 1th APRIL 2022. The contingent visiting the facility comprised 30 students including **5** staff.

PURPOSE OF VISIT:

Industrial visit is considered as a part of curriculum, mainly seen in engineering courses. Objectives of industrial visit are to provide students with insight regarding internal working of companies. The aim is to go beyond academics; industrial visit provides students a practical perspective on the world of work .It provides students with an opportunity to learn practically through interaction, working methods and employment practices. It gives them exposure to current

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work practices as opposed to possibly theoretical knowledge being taught at college. Industrial visits provide an excellent opportunity to interact with industries and know more about the industrial environment. Industrial visits are arranged by colleges to students with an objective of providing students functional opportunities in different sectors like IT, manufacturing service, finance and marketing. Industrial visit helps to combine theoretical knowledge with industrial knowledge. Industrial realities are opened to the students through industrial visits.

OBJECTIVES

- An opportunity to get exposure to the real workstations, plants, machines and systems.
- Opportunity to get the senior functional experts / supervisors to explain about company functions.
- Company tour to understand the end-to-end process at all levels.
- Expert briefing about the functioning of machines and systems.
- Opportunity to have a face to face session with technical or administrative experts of the organization to ask questions and clarify doubts.
- Opportunity to understand the company policies in terms of production, quality, and service management.
- Make students aware of industrial practices.
- Acquaint students with interesting facts and newer technologies.
- Practical application of instruments handled during course curriculum.

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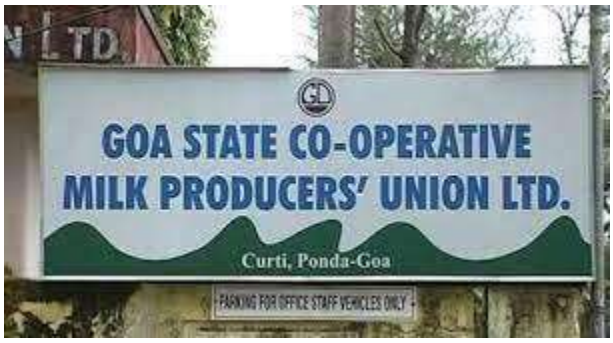
GOA DAIRY



Goa State Cooperative Milk Producers' Union Ltd. which was known as Ponda Dairy or Goa Zillha Dudh Utpadak Sangh popularly known as "Goa Dairy" was inaugurated on 02nd October 1971 at the auspicious hands of first Chief Minister of Goa Daman & Diu, Shri. Bhausaheb alias Dayanand Bandodkar. Goa Dairy is a member owned Federal Body of 178 Rural Dairy Co-operative Societies spread all over the State of Goa, having 19100 farmer families as their members procuring presently on an average about 65000 liters of milk per day. Upto 1984, it was operated under Government of Goa and then after to get the benefits of funds from Central Government, it was converted as a federal body and was called as Goa State Cooperative Milk Producers' Union Ltd. A modern Cattle Feed Plant, manufacturing around 12,500 M. T. of HighProtein, Bypass Cattle Feed, Calf Ration & Pregnancy Ration per annum to cater to the nutritional requirements of milch animals of this State.

ZEPHYR BIOMEDICALS

Zephyr Biomedicals in Verna, Goa is known to satisfactorily cater to the demands of its customer base. The business came into existence in 2010 and has, since then, been a known name in its field. It is located at Plot No M-46/47, Phase 3 B, Verna Industrial Estate, near coca cola company, Verna-403722. near coca cola company is a prominent landmark in the area and this establishment is in close proximity to the same. It has earned stamps like Jd Verified, Jd Pay substantiating the credentials of the business.The business strives to make for a positive experience through its offerings.

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Customer centricity is at the core of Zephyr Biomedicals in Verna, Goa and it is this belief that has led the business to build long-term relationships. Ensuring a positive customer experience, making available goods and/or services that are of top-notch quality is given prime importance. It is one of the players in Antidepressant, Pharmaceutical Tablets, Atomoxetine, ADRIAMYCIN Injection, Atorvastatin Tablet to name a few.

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SCHEDULE OF VISIT:

Starting Place: Vimal Jyothi Engineering College, Chemperi

Destination: BELUR, CHICKMANGLORE AND GOA

Approximate Traveling Distance (in KM): 1000 KM

DAY 1 (30/03/22) WEDNESDAY

10:00 PM: Leaving from college

DAY 2 (31/03/22) THURSDAY

7:00 AM: Reach BELUR, Check in at Hotel (for fresh up).

8.30 AM: Breakfast

10:00 AM: TEMPLE VISIT

1:00 PM: Lunch

2:30 PM: JEEP SAFARI

Z POINT

WATERFALL

8:30 PM: DINNER

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9.30 PM: OVERNIGHT JOURNEY TO GOA

DAY 3 (01/04/22) FRIDAY

9:30 AM: AT GOA

10:00 AM: BREAKFAST AND FRESH UP

11:00 AM: INDUSTRIAL VISIT 1

1:00 PM: Lunch

2: 30 PM: INDUSTRIAL VISIT 2

5: 00 PM: AGUADA FORT

7 :00 PM :BAGA BEACH

8:00 PM:DJ

9:00 PM:DINNER

DAY 4 (2/04/22) SATURDAY

8: 00AM: Breakfast

10: 00AM: OLD CHURCH

1: 00 PM: Lunch

3: 00 PM: MIRAMER BEACH

7:00 PM:LEAVING GOA

DAY 5 (3/04/22) SATURDAY

10:30 AM: **Reached the College.**

OUTCOMES

The industrial visit was a great learning experience for the students. The visit of the industry provided student's exposure to the various broadcasting techniques, the equipment used for the telecasting and gave a huge advanced knowledge in analog communication. They were also educated about the working ethics of the industries and the crowd management policies.

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FACULTY DETAILS:

Accompanying Staff	Designation	Contact Number
Mr.ANTO SAHAYA DHAS	Prof and HOD EC	9486747931
Mr.JAYESH GEORGE	Associate Prof. EC	9746135446
Ms.GRACE JOHN	Assistant Prof. EC	8547989034
Ms.ANN MATHEW	Assistant Prof. EC	9495508473
Ms.SIJI DOMINIC	PARENT of Jinita	9188537491

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SL NO	REG. NO	NAME	HOSTELER/DAYSCHOLAR
1	VML18EC002	ABIN MATHEW SALI	DAYSCHOLAR
2	VML18EC003	ADARSHA RATHEESHAN	DAYSCHOLAR
3	VML18EC005	AKSHAY P	HOSTELER
4	VML18EC006	ALBO JOSEPH K	HOSTELER
5	VML18EC007	AMRITESH GOPINATHAN	DAYSCHOLAR
6	VML18EC009	ANJALI MATHEW	HOSTELER
7	VML18EC010	ANJITHA SATHEESAN	HOSTELER
8	VML18EC011	ANUSREE A C	DAYSCHOLAR
9	VML18EC012	ASHWATHI RAGHUNATHAN	DAYSCHOLAR
10	VML18EC013	CHANDANA SHAJI	HOSTELER
11	VML18EC016	DEVANAND M V	HOSTELER
12	VML18EC017	DEVIKA A	HOSTELER
13	VML18EC018	JEEVAN NOBINS	DAYSCHOLAR
14	VML18EC019	JESNA K	DAYSCHOLAR
15	VML18EC020	JINITA ELISA	DAYSCHOLAR
16	VML18EC021	MALAVIKA VICTOR	HOSTELER
17	VML18EC022	MANAS K	HOSTELER
18	VML18EC023	MELDIN DOMINE	DAYSCHOLAR
19	VML18EC025	NUFAILA M	HOSTELER
20	VML18EC028	RAHUL SP	HOSTELER
21	VML18EC029	ROHAN UTC	HOSTELER
22	VML18EC030	SAKETH P K	HOSTELER
23	VML18EC031	SEBIN THOMAS	DAYSCHOLAR
24	VML18EC032	SHANAS M	HOSTELER
25	VML18EC035	SREEROOP SHASHEENDRAN	DAYSCHOLAR
26	VML18EC036	SWATHI.C	HOSTELER
27	VML18EC038	VINAY C SHIBU	HOSTELER
28	VML18EC039	VINEESHA LAMBERT	HOSTELER
29	VML18EC041	YETHUL SIDHARTH	HOSTELER
30	LVML18EC042	ABHILASH C	DAYSCHOLAR

FACULTY IN CHARGE HOD

REPORT BY FACULTY

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- Students got a clear idea about technologies & equipments that used for purpose of communication
- Industrial visit helped the students to combine their theoretical knowledge with industrial knowledge
- It gives them exposure to current work practice as opposed to possibly theoretical knowledge being taught at college.
- Students got an opportunity to learn practically through interaction , working methods and employment practices
- From the analysis of feedback taken it is found that more than 90% of the students are satisfied with the industrial visit and most of them show interest in such activities in future.

VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONIC & INSTRUMENTATION ENGINEERING

INSTRUS-2021- TECHNICAL FEST
REPORT

Department of Electronics & Instrumentation conducted Techfest "INSTRUS 2021" from 29th September to 3rd October 2021, for students of Applied Electronics & Instrumentation Engineering Students.

Dr. G Glna Devadhas, Vice Principal & HOD EIE officially inaugurated the tech fest through online (Google meet) on 29th september 2021. The events conducted through the online platform like Technical Quiz, Logic Maze, Documentation, Signal generation etc. Total six technical Events were conducted to make students learn different concepts in engineering, And to make them familiar with some useful tools such as simulation software (Proteus,EasyEDA, Thinker-CAD), electronic equipment, different controllers, etc.

The events conducted:

1. Technical Quiz
2. Logic Maze
3. Signal Generation
4. Technical Talk
5. Documentation
6. Still models

Name of winners:

SL NO	EVENT	FIRST PRIZE	SECOND PRIZE
1	Logic Maze	Adarsh P, S7 AEI	Sneha Jose- S7 AEI
2	Still models	HIRANDEEP T ,S3 AEI	Ayana Pv, S3 AEI
3	Tech Talk	Ranjul Arumadi - S5 CSE	Alen Jose Prince - S3

			AEI
4	Documentary	Jude Jomon - S3 AEI	Tom Jessan - S3 AEI
5	Technical Quiz-	Athul TP- s7 AEI	Ashik B- S7 AEI
6	Department Logo design	Jiss George -S7 AEI	


TECHNICAL
FEST


TECHNICAL
FEST