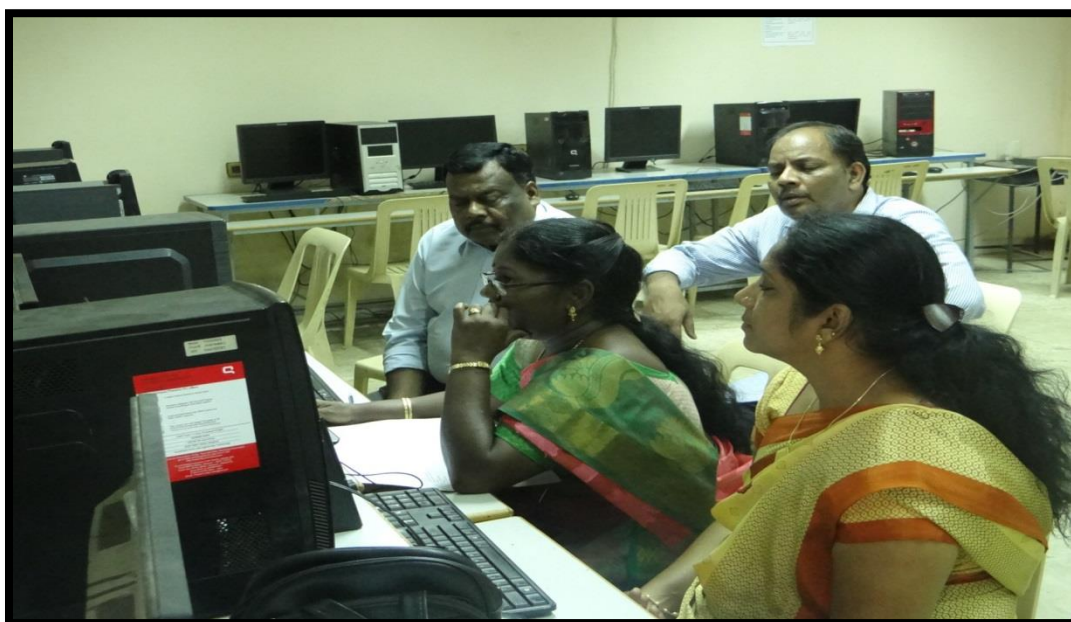


DEPARTMENT OF GENERAL ENGINEERING
ACTIVITY REPORT
2024 - 2025

CURRICULUM DEVELOPMENT :

❖ **PROGRAMME ADVISORY COMMITTEE MEETING (PAC)**

Programme Advisory Committee Meeting was held on 29.05.2024 online mode for Syllabus revision and validation of Department of I YEAR. PAC committee is being conducted every year for syllabus scrutinize and academic activities. Academic experts are member of PAC committee.



❖ **APEX COMMITTEE MEETING**

Apex Committee Meeting was held on 29.05.2024 . The members of all the Departments of PAC and APEX Committee have gone through the present “E” scheme syllabus and approved the same.

The Outcome Based Education (OBE), Institution Vision and Mission, Department Vision, Mission , POs, PSOs, PEOs, COs ,Curriculum and curricular gaps are presented for PAC members.

CURRICULUM GAP IDENTIFIED AND PROGRAMME ARRANGED-2024-2025

Sl. No	Course	Curriculum Gap	Action Taken
I SEMESTER			
1	Basic Mathematics	Properties of determinants	Seminar
2	Basic Physics	Conversions followed in SI units	Seminar
3	Basic Chemistry	Lowry – bronsted theory	Guest Lecture
4	Communicative English I	Lack of grammar knowledge	Guest Lecture
5	Basic Workshop Practices	Basics of industries	Video
II SEMESTER			
1	Applied Mathematics-I(Non-Circuit)	Logarithmic differentiation	seminar
2	Applied Mathematics–II(Circuit)	Argand Diagram	seminar
3	Applied Physics-I(Non-Circuit)	Stoke’s Experiment - Determination of co-efficient of viscosity of highly viscous liquid	U-Tube Video
4	Applied Physics-II(Circuit)	Frequency of a Tuning fork - Sonometer	Mini projects
5	Applied Chemistry-I(Non-circuit)	Advantages of Rain water harvesting	Mini projects
6	Applied Chemistry-II(Circuit)	Electroless plating - definition	Mini projects
7	Communicative English-II	Articles	U-Tube Video
8	Basics of Mechanical Engineering	Engineering Ethics	seminar
9	Basics Of Electrical And Electronics Engineering	Basics of Light Emitting Diode(LED	Mini projects
11	Basics of computer Engineering	Introduction to C Programming	Guest lecture
12	Drafting Practices	Scales:Full size , reducing and enlarging	U-Tube Video

Outcome Based Education (OBE), Institution Vision and Mission, Department Vision, Mission POs, PSOs, PEOs, COs and curricular gaps identified from department committee.

DEPARTMENT ACTIVITIES

➤ INDUCTION PROGRAMME:

INDUCTION PROGRAMME REPORT (BATCH 2024-2025)

When new students enter an Institution, they come with diverse thoughts, backgrounds and preparations. To help them adjust to the new environment and inculcate in them the ethos of the institution of larger purpose an orientation programme called Induction Programme was conducted for one week from 24.06.2024 to 28.06.2024.

Normal classes started only after the Induction Programme is over. Its purpose is to make the students feel comfortable in the new environment; create bonding in the batch as well as between the faculty and students.

DAY – 1



The principal addressing the parents of I year students on 24.06.2024.



The Vice Principal addressing the students of I-year about the placement, rules and regulations of the College, etc.,



Ms. P.Santhi, HOD/ I Year addressed the first year parents about the teaching learning process & Curriculum.

STUDENTS VISITS IN THE RESPECTIVE DEPARTMENTS

(a) EEE



(c) ARCH



(b) MECH



(d) CT



Day – 2



Mr. Periyarselvam, gave presentation on Motivational talks.



First Year student's interaction with senior students.

STUDENT'S INTERACTION WITH ALUMNI STUDENTS.



Ms.Jeeva, Architecture, Chennai.



*Mr.Murugan. Project Manager,
Rathore builders, Chennai*



Dr. K. Ahamed Nisha, Psychiatrist from Thanjavur, addressed the anti-drug and social Awareness-Adolescent Health and related issues.



*Mr.R.Ayyanathan, Sr.Lecturer / English placement officer, presented a talk about
“Adolescent Problems and solutions”*



Ms. G. Roja, HOD/ECE explained the institute vision & mission, NBA, IE, and ISTE.



*Mr. Vijaimithra, Director & Senior Soft Skills Trainer, Ren Academy, presentation on
“Personality Development”*



*Mr. S. Michael Raj, Counseling Coordinator, addressed the “Universal Human
Values and Counseling system”*



Ms. M. Rajalakshmi, Lecturer / Arch., explained in detail about the department of Architecture



Mr. M. Ramesh, Lecturer/ECE, explained in detail about the department of Electronics and Communication Engineering.



Mr.L.Vivek Nijanthan, HOD/Mech., explained in detail about the department of Mechanical Engineering.



Ms. J. Premalatha, HOD/ CT, explained in detail about the department of Computer Engineering.

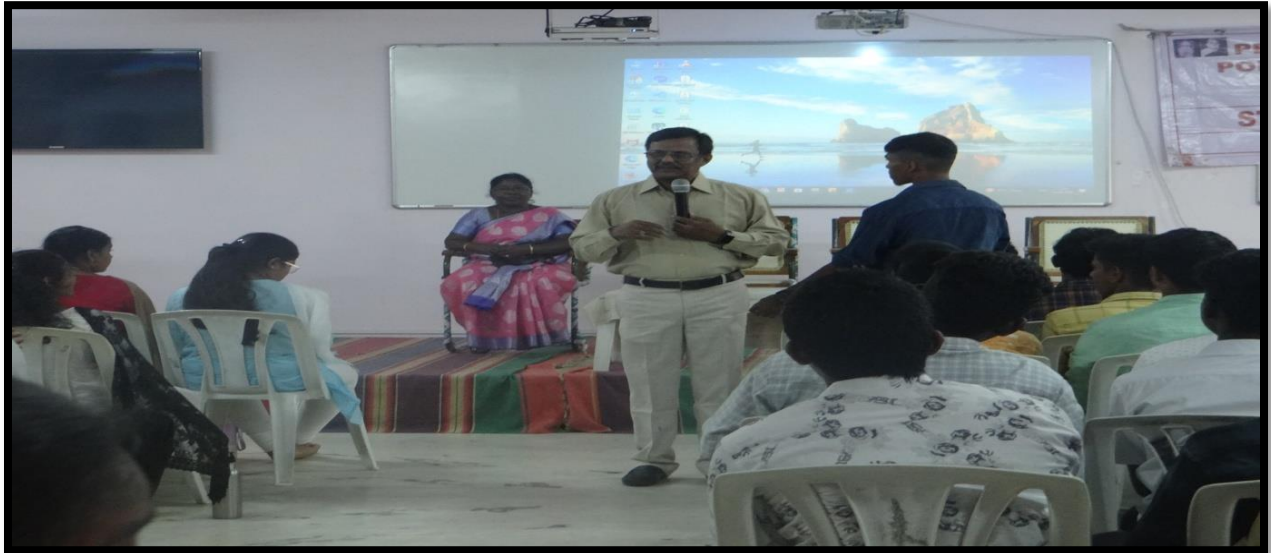


Ms. T. Malathi, Lecturer (ss)/Mop, explained in detail about department of Modern Office Practice.



Students participated in Yoga /Sports programme

DAY – 4



Mr. Balaji M.D, Brain Skill Learning center, presented a lecturer on career opportunities for Students.



Mr. S. Jeevanandam Lect/Mech., shared the information about Placement activities & placement process



Ms. P. Santhi, HOD/ I Year addressed the first year students about the Examination pattern, types of courses, Credit System, assessment methods.

DAY – 5



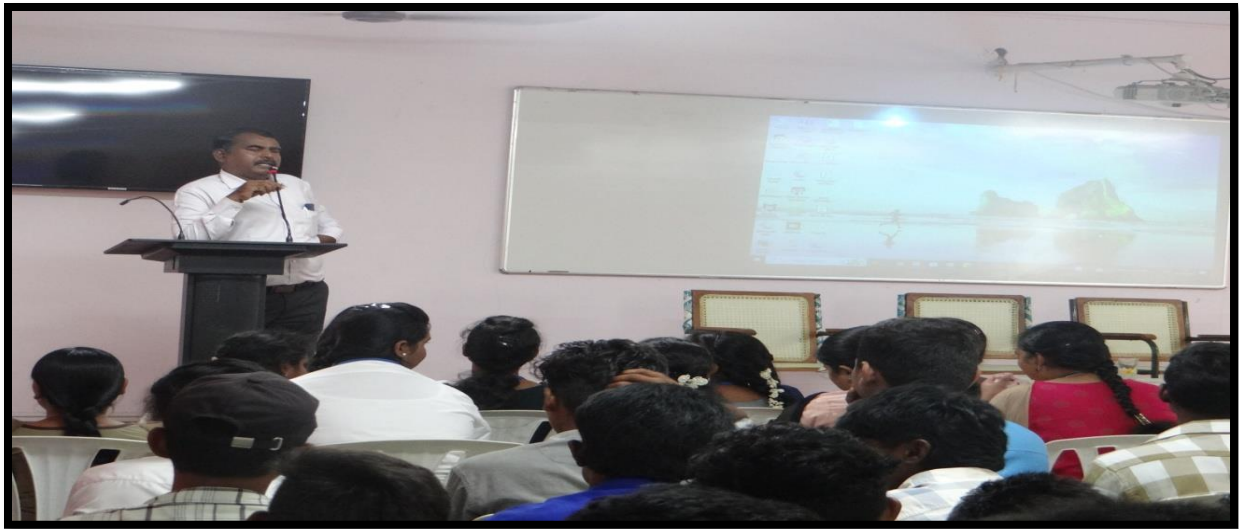
Mr.kannan Managing partner Prim Industry explained in detail about Industrial Interaction; Interactions with Industry Experts



Ms .K.Neelavathi, Lect./maths, and Associate NCC Officer, gave the awareness about NCC (SW)



R.Vivek Associate NCC Officer gave the awareness about NCC (SD)



Mr.R.Manivannan NSS officer gave the awareness about National social service (NSS).



Ms. P.Santhi HOD/ I year and Ms.K.Neelavathi Lecturer (SS)/Maths Conducted the activity in Creative Puzzles for Maths.



Feedback from the students

SPORTS

In I Year General Engineering students participated at various events conducted at various **Polytechnic Colleges** and won the prizes.

S.No	Player's Name	Dept.	Name of the Event	Date	Venue	Possession
1	S.Dhanaranjan	Mech	Throwball	29.08.24 & 30.08.24	Kalam Polytechnic College	First Place
2	A.Baarathy	Civil	Throwball	29.08.24 & 30.08.24	Kalam Polytechnic College	First Place
3	M.Aravind	ECE	kabaddi	24.09.24 & 25.09.24	Kalam Polytechnic College	Third prize
4	S.P. Harshini	CT	Throwball Vollyball	07.01.25& 08.01.25	Subramaniyan Polytechnic college	winner
5.	M.Dharani	CT	Throwball Vollyball	07.01.25& 08.01.25	Subramaniyan Polytechnic college	winner
6.	S.P. Harshini	CT	Kho-kho	07.01.25& 08.01.25	Subramaniyan Polytechnic college	Runner
7.	M.Dharani	CT	Kho-kho	07.01.25& 08.01.25	Subramaniyan Polytechnic college	Runner
8.	S.P. Harshini	CT	Chess	21.01.25& 22.01.25	Government polytechnic college- Valangaiman	State Level Participation

SPORTS

In I Year General Engineering students participated at various events conducted at Periyar Polytechnic College and won prize.

S.No	Students Name	Dept.	Name of the Event	Date	Possession
1.	A.Baarathy	Civil	Basketball	9.2.2025 to 11.2.2025	Winner
	N.Asharaf Khadar	Arch			
	S.Pradeep	Mech			
	P.Dheena	Mech			
	K.Ragul	Mech			Runner
	S.Sacheen	Mech			
2.	M.Dharani M.Dharani S.Princy monica L.Priyanka sri	CT	Relay	9.2.2025 to 11.2.2025	Runner
3.	M.Dharani	CT	Athletes	9.2.2025 to 11.2.2025	winner
4.	S.P. Harshini	CT	Kho-kho	9.2.2025 to 11.2.2025	Runner
5.	L.Priyanka sri	CT	Athletes	9.2.2025 to 11.2.2025	winner
6.	C.Madhan kumar	Mech	Kabaddi	9.2.2025 to 11.2.2025	winner
	M.Aravind	ECE			
	M.Vigneshvaran	Civil			
	P.Muthukumaran	Civil			
	E.Eswaran	Mech			
	R.Arivarasu	Mech			
	K.Ramanathan	Mech			
	K.Sriram	Mech			

First year students participated the following competitions and won the prizes

Dr. A.P.J ABDUL KALAM BIRTHDAY CELEBRATION

Speech competition:

S. No	Name of the student	Batch	Purpose	Place
1	Harishma.S	CT	Abdul Kalam Birthday	FIRST
2	Priyanka Sri.L	CT	Abdul Kalam Birthday	SECOND
3	Dheena.p	Mech.	Abdul Kalam Birthday	THIRD

Essay Competition:

S. No	Name of the student	Batch.	Purpose	Place
1	MOUNICA KANNAN	ECE	Abdul Kalam Birthday	FIRST
2	KOWSALYA	ECE	Abdul Kalam Birthday	SECOND
3	PRIYANKA SRI.L	CT	Abdul Kalam Birthday	THIRD

PERIYAR BIRTHDAY CELEBRATION

Speech Competition:

S. No	Name of the student	Batch	Purpose	Place
1	PRIYANKA SRI.L	CT	Periyar birthday celebration	THIRD

Essay Competition:

S. No	Name of the student	Batch.	Purpose	Place
1	PRIYANKA SRI.L	CT	Periyar birthday celebration	THIRD

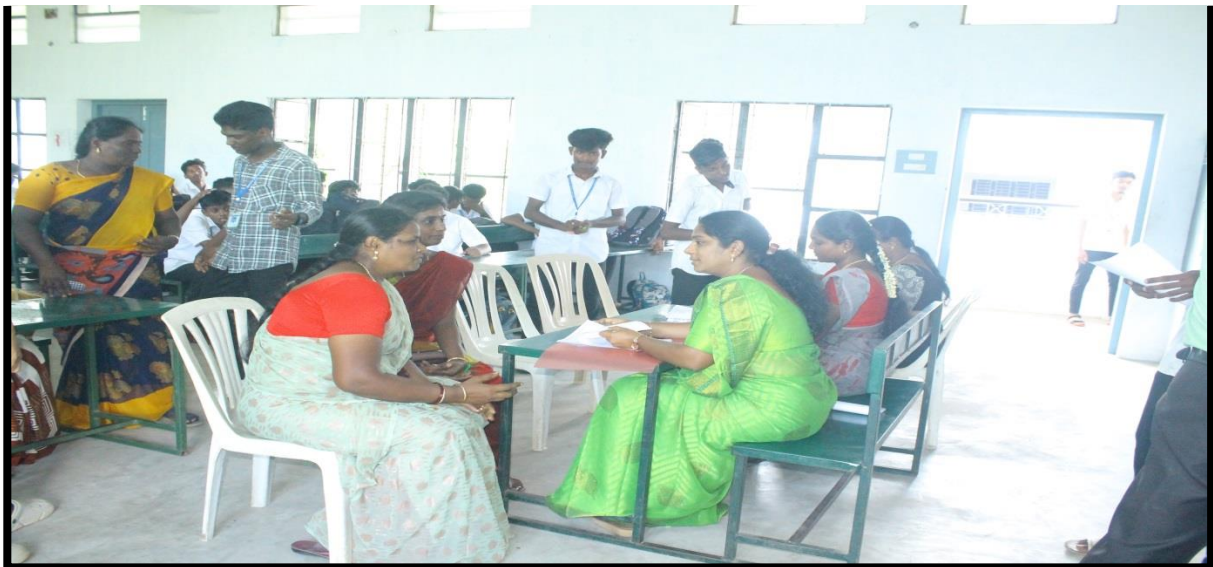
BLOOD GROUP IDENTIFICATION TEST



Blood group identification test conducted for first year students on 17.08.24

❖ PARENT – TEACHERS MEETING

Parents Teachers meeting was organized on.16.08.2024. Feedback forms were collected and analyzed. There are 110 parents attended the meeting. They were informed about their marks, Academic Performance, Attendance Particulars and also about the coaching classes conducted to the failure students.



EXTRA CURRICULAR ACTIVITIES

NCC:

- 19 Girl cadets are enrolled for the academic year 2024 – 2025
- 11 Boy cadets are enrolled for the academic year 2024 – 2025

NSS:

- 100 Boy Students are enrolled for the academic year 2024– 2025

STAFF DEVELOPMENT PROGRAMME

➤ STAFF TRAINING

The following I Year staff members have attended the “Naan Mudhalvan” Programme.

Name of Faculty	Name of the Programme	Organized by	Date & Duration
K.Neelavathi Lecturer(SS)/Maths	English essentials	Naan mudhalvan	28.08.2024 to 04.09.2024
L.Sasikala Lecturer/Chemistry	English essentials	Naan mudhalvan	28.08.2024 to 04.09.2024
P.Santhi HOD/I YEAR	Digital skills	Naan mudhalvan	06.01.2025 to 11.01.2025
L.Sasikala Lecturer/Chemistry	Digital skills	Naan mudhalvan	06.01.2025 to 11.01.2025
A.Dharshini Lecturer/I Year	Digital skills	Naan mudhalvan	06.01.2025 to 11.01.2025
P.Santhi HOD/I YEAR	Python programming	E & Ict academy	17.02.2025 to 21.02.2025
S S.Balamurugan Sr. Lecturer/Physics	Python programming	E & Ict academy	17.02.2025 to 21.02.2025

INTERNAL TRAINING PROGRAMME

S. No.	Faculty Name	Topic	Date	Resource person
1	A. Dharshini Lecturer/English	Pedagogical Programme	30.07.24	G. Roja K.B .Velliyangiri
2	M. Aruljothi Lecturer/Tamil	Pedagogical Programme	31.07.24	R. Ayyanathan P. Santhi

AUTONOMOUS EXAMINATION RESULTS**APRIL – 2024 : II SEMESTER****I YEAR GENERAL ENGINEERING**

SUB CODE	SUBJECT	NO OF STUDENTS			FACULTY NAME
		APPEARED	PASSED	%	
TAE2110	Tamils And Technology	177	151	85.3	Ms.M.Arul jothi
CEE2120	Basics of Civil Engineering	11	5	45.5	Mr.R.Natarajan
CSE2120	Basics of Computer Engineering	43	31	72	Ms. A.Santhi
EEE2120	Basics of Electrical and Electronics Engineering (ECE& EE)	41	26	63.4	Mr.S.Dhanapal
MEE2120	Basics of Mechanical Engineering	74	46	62.2	Mr.K.Karthik Mr.S.Subramaniyan
MAE2431	Applied Mathematics–I	88	88	100	Ms. K.Neelavathi
MAE2432	Applied Mathematics–II	83	83	100	Ms. P.Santhi
PHE2441	Applied Physics–I	82	82	100	Mr.M.Maheswaran
PHE2442	Applied Physics–II	84	84	100	Mr.S.Balamurugan
CHE2451	Applied Chemistry– I	83	83	100	Ms.L.Sasikala
CHE2452	Applied Chemistry– II	83	83	100	Ms. G.Senkodi

EPE2460	Basic Engineering Practices	162	160	99	Mr K.Karthik
DPE2270	Drafting Practices	170	170	100	Mr.S.Michael Raj Ms.M.Vanaja Ms G.Ranjitha MsT.Abirami Mr K.Karthik Mr S.Karthick
ENE2480	Communicative English–II	169	169	100	Mr. R.Ayyanathan Ms.A.Dharshini
AAE2120	Theory of Architecture	8	7	88	Ms.B.Subhashini
AAE2440	Basic Design & Visual Arts	6	6	100	Ms.B.Subhashini
AAE2250	Architectural Drawing–I	6	6	100	Ms.B.Subhashini

The following students of I year - General Engineering to participate the Science Exhibition held on 11.1.2025. The project titles are given below.

S. No	Students Name	Reg. No.	Sem /Year	Title of the Project
1	ARIVARASU.R	11124002	II/I	LASER HOME SECURITY SYSTEM
	ARIYA.A	11124003		
	ESWARAN.E	11124011		
	PRAGATHEESWARAN.V	11124029		
	SANTHOSH.V	11124037		
2	DHEENA.P	11124010	II/I	ROBOTIC CLEANER
	MATHANKUMAR.C	11124020		
	SABARIKAMESH.A	11124034		
3	HARIVARSHAN.S	11124015	II/I	MINI DRONE
	PRADEEP.S	11124028		
	RAGUL.K	11124031		
	SACHEEN.S	11124035		
4	GOWTHAM.S	11124013	II/I	HYDRAULIC JCB
5	ABISHEIK JESWAR.N	1124001	II/I	ACCIDENT SAFETY (or)

	BHARATHY.A	1224002		AUTOMATIC FIRE EXTINGUISHER
	GIRIDAHARAN.G	1224003		
6	ASHFAQAHAMED.J	1124003	II/I	STREET LIGHTS
	NITHISH.K	1124008		
	SHYAM.A	1224011		
	SANJAY.E	11124036		
7	SAKTHIVEL R	1524026	II/I	PENCIL WITH WELDING MACHINE
8	SESHACHALAM A	1524027	II/I	FUEL WITH GAS
	VISHNU VIKAS R	1524032		
	GOWRI SHANKAR G	1424006		
9	BASRINA SAHRIN B	1324004	II/I	CLAPPING LIGHT / SALT WATER LIGHT
	HARISHMA S	1324012		
	HARSHINI SP	1324014		
	DHARINI M	1324008		
	NAVASHREE K	1324029		
10	KAVIYAPRIYA S	1324018	II/I	HYDRAULIC LIFT
	RENUGA DEVI G	1324040		
11	DHARINI D	1324007	II/I	FORCE FAN
	RAGAVI	1324037		
12	PRINCY MONIKA S	1324035	II/I	AUTOMATIC HAND SANITIZER
	PRIYANGA SRI L	1324036		
13	MOHAMMED NIVAS M	1324025	II/I	WATER FOUNTAIN
	NITHISWAR SS	1324031		
14	HARSHA NARAYANAN SD	1324013	II/I	AIR PRESSURE
	MOHAMED AFRIT A	1324022		
15	ADMIRAL BOSE B	1324001	II/I	WIND MILL
	KAROL JAYARAJU A	1324017		
	MOHAMED THOUFIQ S	1324026		

16	SHAFEEL AHAMED T	1324045	II/I	RECHARGABLE TABLE FAN FROM DC MOTOR
17	BASRINA SAHRIN B HARISHMA S HARSHINI SP DHARINI M NAVASHREE K	1324004 1324012 1324014 1324008 1324029	II/I	WASTE WATER TREATMENT/FAKE BLOOD
18	KAVIYAPRIYA S RENUGA DEVI G	1324018 1324040	II/I	LAVA LAMP
19	DHARINI D RAGAVI	1324007 1324037	II/I	ACID RAIN
20	PRINCY MONIKA S PRIYANGA SRI L	1324035 1324036	II/I	VALCANO/FREE ELECTRICAL ENERGY
21	HARSHA NARAYANAN SD MOHAMED AFRIT A	1324013 1324022	II/I	FAKE SNOW
23	MOHAMMED NIVAS M NITHISWAR SS NANMARAN LS	1324025 1324031 1324028	II/I	ACID BASE REACTION
24	ABISHANTH MV GOWTHAM S SHAM INFANT S	11124001 11124013 11124039	II/I	ANODE,CATHODE ,ELECTROLYSIS
25	ASHOK KUMAR G DHARANI DHARAN Y	11124006 11124009	II/I	WATER PURIFICATION
26	ABISHEK JESHWAR N ASRAF KADHAR N MARTIN SANJAY A BHARATHY A GIRIDHARAN G SARAVANA KUMAR M	1124001 1124003 1124007 1224002 1224003 1224008	II/I	FIRE EXHAUSTER/ ACCIDENT SAFT VEHICLE
27	NITHISH K SHYAM A	1124008 1224011	II/I	USING WASTE MATERIAL IN TO

	SUJAN S SANJAY E TAMIL RAJAN	11124046 11124036 11124047		ELECTRIC ENERGY
28	SANTHOSH KUMAR S VEERARAGAVAN S	1124009 1124010	II/I	ACID RAIN
29	SIVASARAVANAN SRIKANTH A LOGAPRIYAN S SHARMA S VENKATESHWARAN K MAHESHWARAN R	1224012 1224013 11124019 11124040 11124049 11124051	II/I	FIRE AND GAS
30	HARISHMA S BASRINA SAHRIN B PRIYANGA SRI L	1324012 1324004 1324036	II/I	SHAPE MAKING
31	DEENA P MATHAN KUMAR C PALANIYAPPAN N SABARIKAMESH A	11124010 11124020 11124026 11124034	II/I	MAGIC PUZZLES
32	KABILAN S	1524012	II/I	AIR COOLER

BEST PROJECT



Selvan.S.Sacheen I -year (Mech) won the First Prize in Science Expo for the year 2024-2025.

- The following students of I year - General Engineering to participate the Anti Drug Abuse under Anti Drug Club held on 28.02.25.

S.No	Reg No	Name of the student	Competition	prize
1	1324004	BASRINA SAHRIN B	speech	II prize
2	1124001	ABISHEK JESHWAR N	Drawing	III prize