

## **2.3.1 PARTICIPATIVE LEARNING**

**ACADEMIC YEAR  
2022-2023**

# DEPARTMENT OF ARCHITECTURE

<b>Topic / Nature of Work</b>	WORKSHOP ON “USER CONCIOUS INSTITUTION DESIGN PROCESS”
<b>Date</b>	03/11/2022
<b>Demonstrated by</b>	Ar.Mohesh B Radhakrishnan, Architect, Academic tutor
<b>Participants</b>	2021-26 Batch / II Year / III Semester / A Section

Students were briefed on institutional design and the resource person engaged the students with a small hands on activity to enhance the thinking process & creativity. Students also involved in an interactive session with the resource person.

The poster is for a workshop organized by the Department of Architecture at Periyar Maniammai Institute of Science & Technology. It features several accreditation logos at the top, including 'No.18 RANKED BY BRF-2022', 'INDIA'S BEST ARCHITECTURE COLLEGES', and 'PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY'. The main title is 'ONE DAY DESIGN WORKSHOP ON "USER CONSCIOUS INSTITUTION DESIGN PROCESS"'. The date is 03.11.2022, from 10.00 AM to 04.00 PM, at Arch Studio 115. The resource person is Ar. Mohesh .B. Radhakrishnan, Architect Academic Tutor & Research Assistant at Victoria University of Wellington's School of Architecture. The poster includes a 'REGISTER NOW' button and mentions 'Open for Students of Architecture. Registration Free. Limited Seats only'. It also features a 'KNOW HIM HERE' section with social media links for LinkedIn, YouTube, and Sannz. The workshop is identified as 'CWS#04'. At the bottom, the convenor is Dr. C.V. Subramanian, and coordinators are Ar. Uma Mouthiga E and Ar. Mohamed Anas A.

Image showing the poster of the Workshop

## PHOTOGRAPHS



Image showing the resource person discussing the outputs of a small activity done by the students

<b>Topic / Nature of Work</b>	WORKSHOP ON “ENERGY SIMULATION & MODELLING”
<b>Date</b>	28/10/2022
<b>Demonstrated by</b>	Ar.Nikhil Bhandari, Ar.S.Niveditha, Ar.Jesna Mathew
<b>Participants</b>	M.Arch 2021-23 Batch / II Year / III Semester / A Section

A one day workshop on Energy simulation and modelling was organized for the Second year M.Arch students to get a hand on experience with the Energy analysis software and tools that were demonstrated by the resource persons. Students also made energy models as an outcome of the workshop.

The poster is for a PMRF Lecture Series event. At the top, it features several accreditation logos: 'DEPARTMENT OF ARCHITECTURE No.18 RANKED BY: IRI-2022', 'RANKED 26 INDIA'S BEST ARCHITECTURE COLLEGES', 'RANKED No.18 IN GREEN BLDG. DESIGN NATIONAL GREEN BUILDING AWARD - 2021', and 'PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY'. The main title is 'ONE DAY WORKSHOP ON ENERGY SIMULATION AND MODELLING'. Below the title, three speakers are listed with their photos: Mr. Nikhil Bhandari (Architect, Jaipur), Ms. Niveditha S (Architect, Trichy), and Ms. Jesna Mathew (Architect, Kannur). A note states: 'All the three Resource persons are Research Scholars from NIT, Trichy'. The event details are: 'Registrations Open & Free. e - Certificates provided. Limited seats only.' Date: 28.10.2022, Time: 10.00 AM - 04.00 PM, Location: LE CORBUSIER HALL. The organizers are Dr. C.V. Subramanian and Ar. Ramesh Babu N. The coordinators are Ar. Uma Mouthiga E and Ar. Kalaivani R.

Image showing the poster of the Workshop



## PHOTOGRAPHS



Image showing the students working on the software during the workshop

<b>Topic / Nature of Work</b>	UBA- PERIYAR PURA- ONE DAY CAMP
<b>Date</b>	12/01/2023
<b>Organized by</b>	Ar.J.Mullai, Associate Professor, Department of Architecture Ar.S.Vithyalakshmi, Ar.T.Chathana, Assistant Professor
<b>Participants</b>	2017-22 Batch / V Year / X Semester / A & B Section,

Students of architecture department (42), went for a one day camp to the village of South Palayapatti. Students organized drawing, art from waste competition for the school children. Our First year students also took the initiative to paint the walls of the school.



Image showing our students painting the school walls

<b>Topic / Nature of Work</b>	ELECTRICAL LAB VISIT
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<b>Date</b>	17/03/2023
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<b>Coordinated by</b>	Ar.K.Chithra, Assistant Professor, Department of Architecture
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<b>Participants</b>	2021-26 Batch / II Year / IV Semester / A Section
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Second year students were taken for an orientation at the Electrical lab of EEE department and were on briefed on various lab equipment.



Photograph of the students taken during the visit

<b>Topic / Nature of Work</b>	WORKSHOP ON “RADIATION & ENERGY ANALYSIS”
<b>Date</b>	23/03/2023 – 24/03/2023
<b>Demonstrated by</b>	Ar.Nikhil Bhandari, Ar.S.Niveditha, Ar.Jesna Mathew
<b>Participants</b>	2020-25 Batch / III Year / VI Semester / A&B Section

A one day workshop on radiation and energy analysis was organized for the third year students to get a hand on experience with the daylight analysis software and tools that were demonstrated by the resource persons. Students also made daylight simulations as an outcome of the workshop.





**PMRF**  
LECTURE SERIES  
Prime Minister Research Fellow Lecture Series

**DEPARTMENT OF ARCHITECTURE**  
(28 YEARS OF CREATIVE EXCELLENCE :1995 - 2023)

# TWO DAYS WORKSHOP ON RADIATION AND ENERGY ANALYSIS



**Mr. Nikhil Bhandari**  
Architect, Jaipur



**Ms. Niveditha S**  
Architect, Trichy



**Ms. Jesna Mathew**  
Architect, Kannur

All the three Resource persons are Research Scholars from NIT, Trichy

Registrations Open & Free e - Certificates provided. Limited seats only.



23.03.2023  
24.03.2023



10.00 AM - 04.00 PM



LE CORBUSIER HALL

**CONVENORS**

Dr. C.V. Subramanian  
Ar. Ramesh Babu N

**COORDINATORS**

Ar. Janaki N, Ar. Uma Mouthiga E  
& Ar. Kalaivani R

Image showing the poster of the Workshop

**PHOTOGRAPHS**



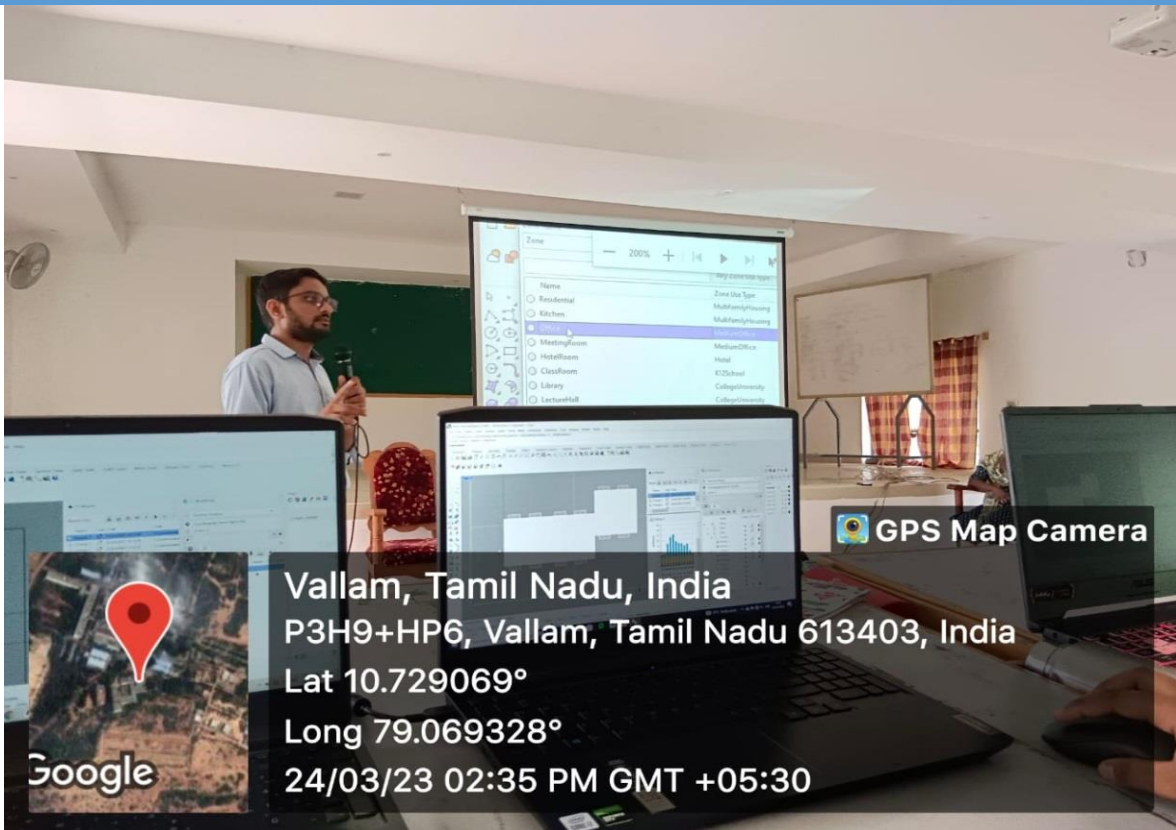


Image showing the resource person demonstrating the software during the workshop

# DEPARTMENT OF AEROSPACE ENGINEERING

<b>Topic / Nature of Work</b>	A National level technical symposium – ISPTERONZ 2K23
<b>Date (if applicable)</b>	30/03/2023
<b>Guided by</b>	Dr. R. Kathiravan, Prof./ Aerospace, Ms. R. Ramani, AP/ Aero
<b>Participants:</b> Batch/ Year/ Semester/Section	2019-2023, 2020-2024, 2021-2025 & 2022-2026 Aerospace students along with external participants

Technical and Non-Technical events was conducted for the participants from other Engineering colleges.

**PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY**  
DEPARTMENT OF AEROSPACE ENGINEERING  
AERO CLUB OF PMIST  
ASSOCIATION OF AEROPTREIX  
Proudly Presents

**ISOPTERONZ 2K23**  
A NATIONAL LEVEL SYMPOSIUM

**30TH MARCH 2023 / THURSDAY**  
ORGANISED BY  
DEPARTMENT OF AEROSPACE ENGINEERING  
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY [PMIST],  
(DEEMED TO BE UNIVERSITY)  
PERIYAR NAGAR, VALLAM, THANJAVUR - 613403.

**PATRONS**

- Dr. K. Veeramani, Chancellor
- Dr. A. Rajasekaran, Pro-Chancellor
- Dr. S. Velusami, Vice-Chancellor
- Dr. P. K. Srividhya, Registrar

**ADVISORY COMMITTEE**

- Dr. A. George, Dean - Academics
- Dr. S. Senthamil Kumar, Dean - FET
- Dr. S. Kumaran, Dean - Research

**CONVENOR**

- Mr. I. Karthic Subramaniam - Head & Assistant Professor

**COORDINATORS**

- Dr. R. Kathiravan, Professor
- Ms. R. Ramani, Assistant Professor

**ORGANISING COMMITTEE MEMBERS**

- Mr. R. K. Muthuraman, Assistant Professor
- Mr. R. Suresh, Assistant Professor
- Mr. V. Nagaraj, Assistant Professor
- Mr. A. Mohamed Ismail, Assistant Professor

**REGISTRATION DETAILS**

- Participation Fee - 150 (For Two Events)
- Add On Event Fee - 50

**REGISTRATION LINK**

**shorturl.at/noLU5**

Register in this link through online

**FOR FURTHER DETAILS**

- Mr. I. Karthic Sumbarmaniam  
Head of the Department  
9994552611
- Dr. R. Kathiravan  
Professor  
9629162013

Image showing the poster of Symposium

# DEPARTMENT OF BIOTECHNOLOGY

<b>Topic / Nature of Work</b>	BIOPROCESS ENGINEERING MINI PROJECT
<b>Date (if applicable)</b>	9.03.2022
<b>Guided by</b>	Dr.A.Ashokkumar Associate Professor, Department of Biotechnology
<b>Participants: Batch/ Year/ Semester/Section</b>	2020-2024/III/V/A

## **BIOPROCESS ENGINEERING MINI PROJECT**

S. Thiripurasundari (Reg.No: 120011101402), M. Subasri (Reg.No: 120011101400), G. Jayasri (Reg.No:120011101386)

**Under the Guidance of  
Dr.A.Ashokkumar**

Department of Biotechnology, Periyar Maniammai Institute of Science and Technology  
Vallam, Thanjavur, Tamilnadu, India – 613403

## **BIOFUEL FROM ALGAE**

### **INTRODUCTION:**

Algae is a single celled organism. It is a group of photosynthetic and auto or heterotrophic organisms. It has an extraordinary potential for cultivation as energy crops. It containing high lipid content. Algae have a higher photosynthetic efficiency than biomass producing plants. Compare to soybean and corn, algae give 19000 – 57000 litre per acre. It is renewable resources of energy. The biggest advantage of algal biodiesel and it is sustainable source of liquid transportation fuel and derives energy from sun. Biofuel combustion in place of conventional diesel fuel can also reduce green house gas emission up to 40%. I collected a algae from agricultural land and it is local algae. Its species name is Minamisona mixotropic algae. It can reproduce and active on both light (photosynthesis) and organic matter. But different types of algae together to produce biofuel in larger scale. It can cultivate by raceway pond and bioreactor.

### **PROCESS:**

Washed a algae with water and grind using mortar and pestle. Then filter it using filter paper. It takes some time to filter. After filtration again a precipitate particles. Transfer a grind



algae together to produce biofuel in larger scale. It can cultivate by raceway pond and bioreactor.

### PROCESS:

Washed a algae with water and grind using mortar and pestle. Then filter it using filter paper. It takes some time to filter. After filtration again a precipitate particles. Transfer a grind particles into stopper flask. Add hexane shake well. Mix a sodium hydroxide with methanol and add to grind particle containing with hexane. Shake well for 2 mins. Process of conversion of oil into biodiesel is called Transesterification. Transesterification done by alkali catalyst, enzyme catalyst is rarely used and give less effective. Alkali catalysed is 4000 times faster a



transesterification process compare to other type of catalyst. Sodium and potassium hydroxide are commonly used as commercial catalysts at concentration about 1% by weight of oil. Methanol and oil do not mix. Using methanol and NaOH as solvent it breaks a triglyceride particle into glycerol and methyl ester.

### RESULT:



After one hour three layers are formed in stopper flask. Top layer is biofuel, second layer is glycerol and bottom layer is algae particles. Lubricity of biodiesel is also greater than conventional diesel fuel and blending biodiesel with less sulphur fuel restores lubricity. It helps to improve air quality in Delhi, Chennai etc.



### XBT603-CA3 Components -Seminar

Topic	“Blue – White Selection”
Students Name	120012101391- Pavithran R
Course Teacher	Ms.P.Mala, Assistant Professor ,Department of Biotechnology
Date/Time	20.03.2023
Batch/ Year/ Semester/Section	2020-2024-III/VI/A

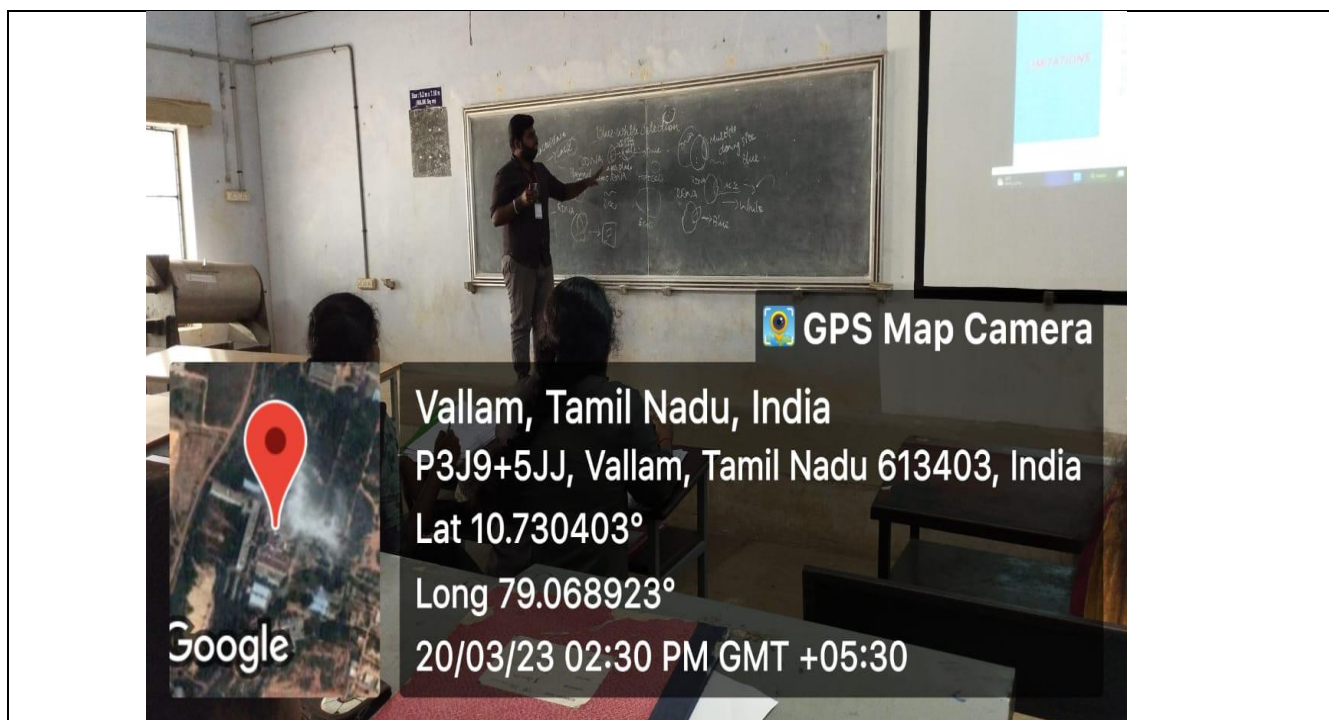


Image showing the Student Seminar presentation

# DEPARTMENT OF CIVIL ENGINEERING

<b>Topic / Nature of Work</b>	Field Visit - Cross drainage works - Aqueduct
<b>Date (if applicable)</b>	5.4.2023
<b>Guided by</b>	Dr.A.Tamilmani, AP (SG)/Civil
<b>Participants:</b> Batch/ Year/ Semester/Section	Batch 2020-2024/Year Third Year Civil/ 6 <sup>th</sup> /A

**Description :** A cross drainage work is a structure carrying the discharge from a natural stream across a canal intercepting the stream. Canal comes across obstructions like rivers, natural drains and other canals. The various types of structures that are built to carry the canal water across the above mentioned obstructions or vice versa are called cross drainage works. Depending upon levels and discharge, it may be of the following types: **Cross drainage works carrying canal across the drainage:**

the structures that fall under this type are:

1. An Aqueduct
2. Siphon Aqueduct

When the HFL of the drain is sufficiently below the bottom of the canal such that the drainage water flows freely under gravity, the structure is known as Aqueduct. In case of the siphon Aqueduct, the HFL of the drain is much higher above the canal bed, and water runs under siphonic action through the Aqueduct barrels.

**Cross drainage works carrying drainage over canal.**

The structures that fall under this type are:

Super passage

Canal siphon or called syphon only

- By this visit the students had a knowledge about the cross drainage work called aqueduct which is used to carry water above the natural drain and also Lining of Canals



Cross drainage work-Aqueduct near Vettikadu



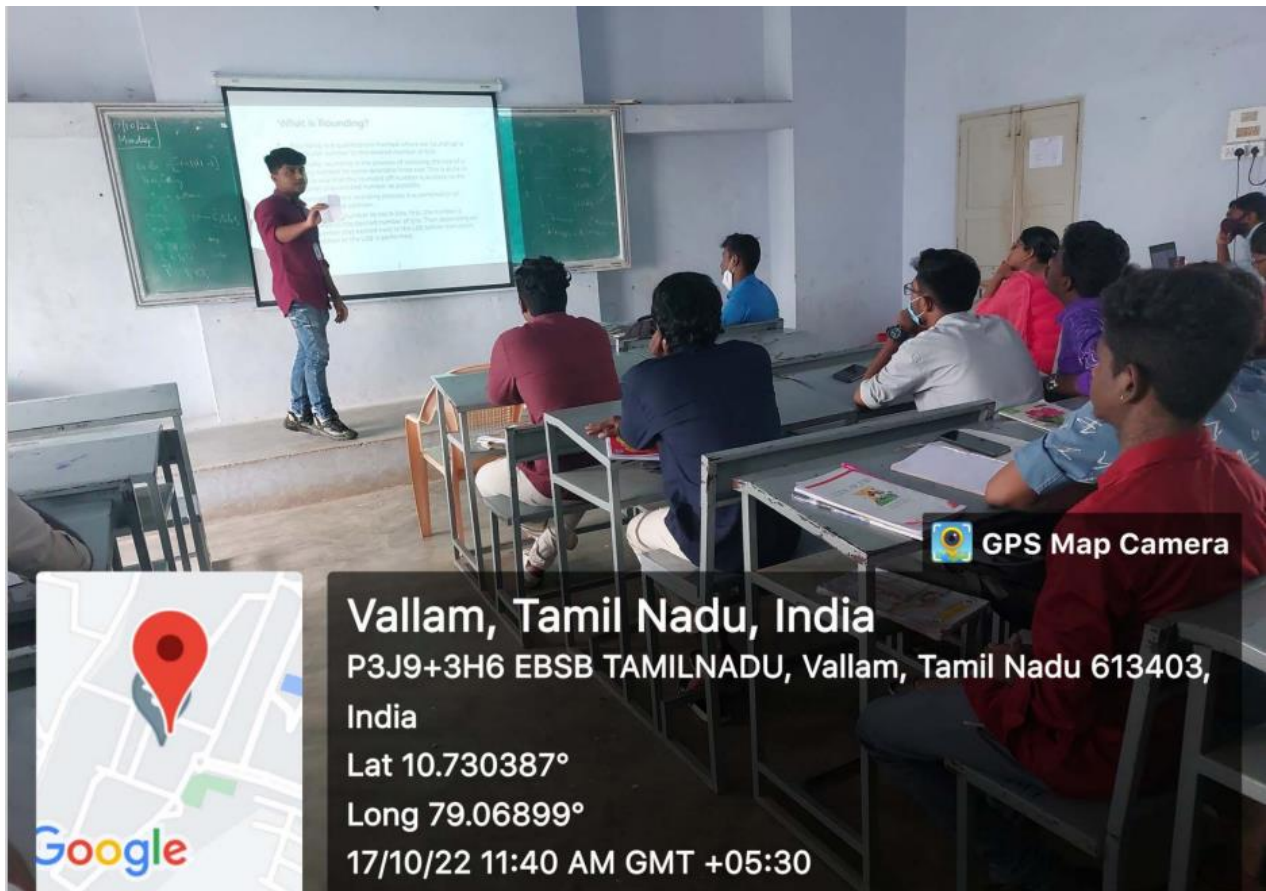
Lining of Canal- Near Vettikadu



# DEPARTMENT OF ECE

<b>Topic / Nature of Work</b>	<b>Group Discussion by Student</b>
<b>Date (if applicable)</b>	17.10.2022
<b>Guided by</b>	Ms.S.Hemambujavalli, Assistant Professor, Department of ECE.
<b>Participants:</b> Batch/ Year/ Semester/Section	UG: 2020-2024 /III/V

ECE (2020-2024/III/V/A) students have participated in group discussion with their team on topic rounding and truncation of fixed point & floating point representation. Students were actively **participated** in the learning process. Through this **participative learning activity**, they developed their depth knowledge about this topic and also improve their communication skills and team work.





<b>Topic / Nature of Work</b>	<b>Seminar taken by Student</b>
<b>Date (if applicable)</b>	27.02.2023
<b>Guided by</b>	Ms.C.Sathya, Assistant Professor, Department of ECE.
<b>Participants:</b> Batch/ Year/ Semester/Section	B.Tech (ECE): 2021-2022/II/IV

B.Tech (ECE) (2019-2022/II/IV) students have participated in Seminar presentations under the topic of “**Fundamentals of Monolithic IC**”. Students actively participated in the learning process. Through this **participative learning activity**, they developed their own ideas and got experience to prove their assertions.



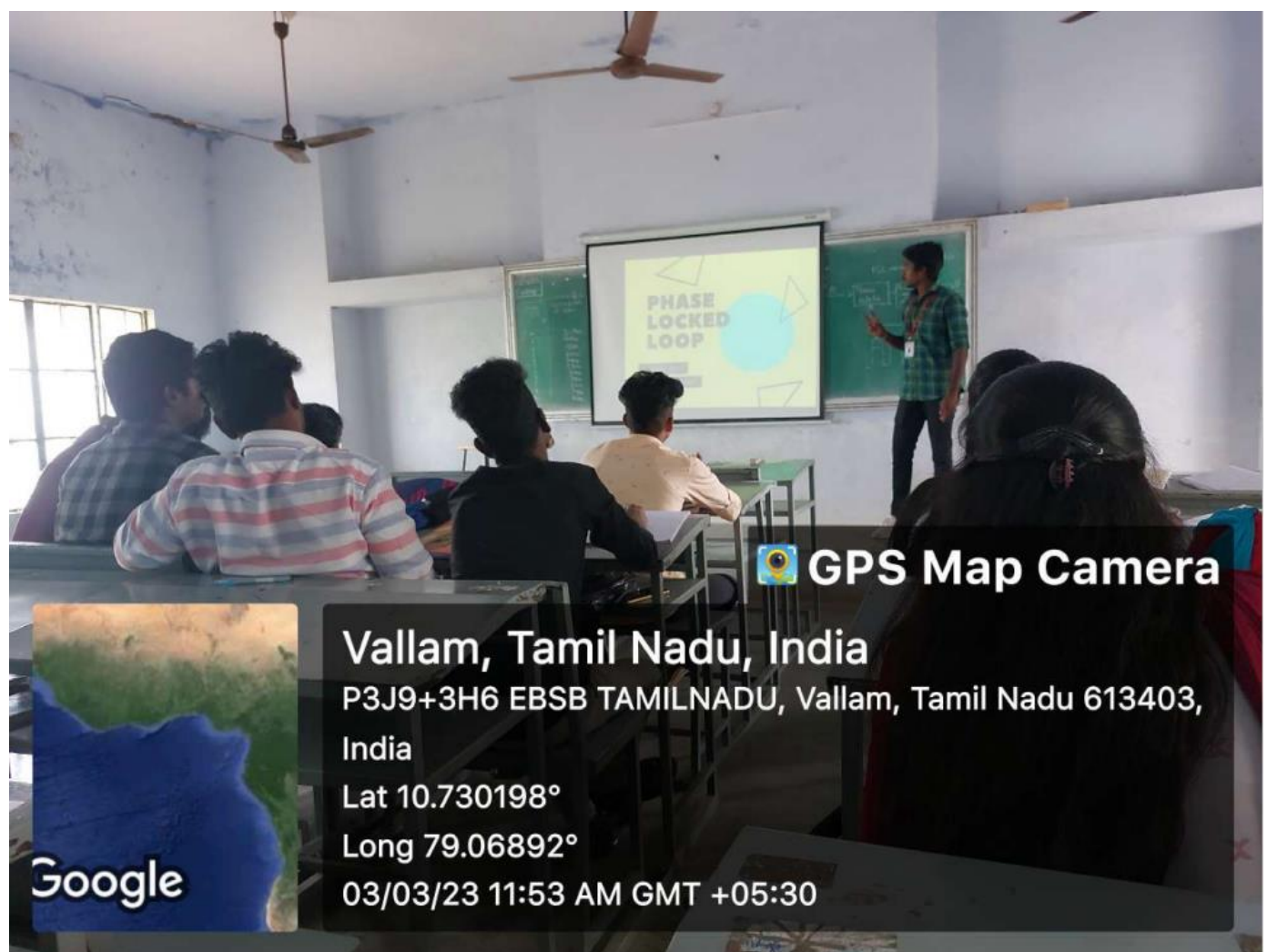
<b>Topic / Nature of Work</b>	<b>Group Discussion by Students</b>
<b>Date (if applicable)</b>	01.02.2023
<b>Guided by</b>	Ms.T.Guru priya, Assistant Professor, Department of ECE.
<b>Participants:</b> Batch/ Year/ Semester/Section	UG: 2021-2025/II/IV/A

B.Tech ECE (2021-2025/II/IV/A) students have participated in Group Discussion on Cost Analysis in Economics for Engineers. Students were actively **participated** in the learning process along with their team. Through this **participative learning activity**, they developed their own ideas and got experience to prove their assertions.



<b>Topic / Nature of Work</b>	<b>Seminar by Student</b>
<b>Date (if applicable)</b>	03.03.2023
<b>Guided by</b>	Ms.S.Hemambujavalli, Assistant Professor, Department of ECE.
<b>Participants:</b> Batch/ Year/ Semester/Section	UG: 2020-2024 /III/VI

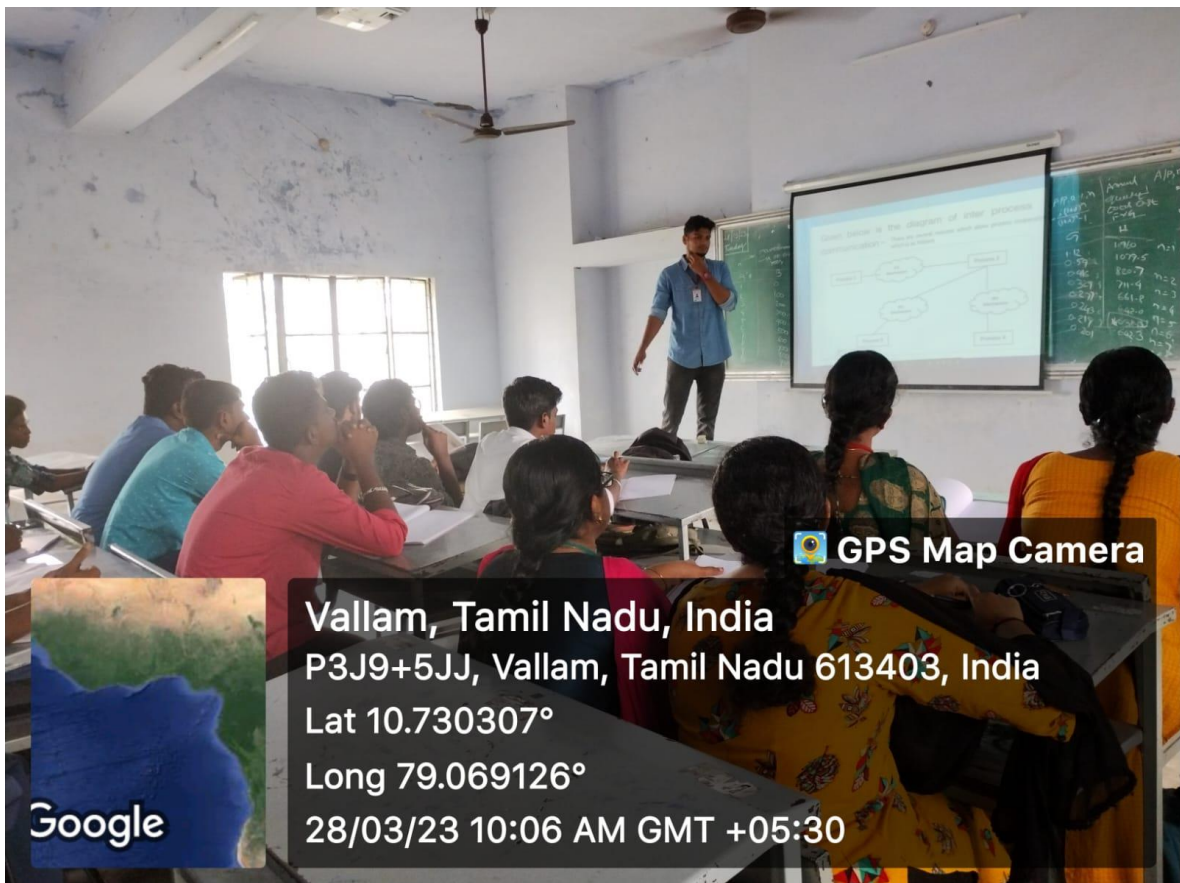
ECE (2020-2024 /III/VI/A) students have participated in group seminar on topic Network synchronization control and management. Students were actively **participated** in the learning process.





<b>Topic / Nature of Work</b>	<b>Seminar by Student</b>
<b>Date (if applicable)</b>	28.03.2023
<b>Guided by</b>	Ms.T.Guru priya, Assistant Professor, Department of ECE.
<b>Participants:</b> Batch/ Year/ Semester/Section	UG: 2020-2024/III/VI/A

B.Tech ECE (2020-2024/III/VI/A) students have participated in Seminar on Semaphore in VLSI Design and Embedded System. Students were actively **participated** in the learning process





# DEPARTMENT OF MECHANICAL ENGINEERING

<b>Topic / Nature of Work</b>	National Voters Day Awareness rally
<b>Date (if applicable)</b>	25.01.2023
<b>Guided by</b>	Dr. C. Anusuya@Priya, Programme Officer (Unit IV), Mr. A. Mohamed Ismail, Programme Officer (Unit II)
<b>Participants:</b> Batch/ Year/ Semester/Section	44 NSS Volunteers from different units

**Description:** As per the request letter received from Assistant Electoral Registration Officer, Thanjavur, it is proposed to conduct rally from Railway station to Old bus stand, Thanjavur to create the awareness among the public on the eve of national Voters Day on 25.01.2023

அனுப்பநர் வி.எஸ்.சக்திவேல்,பி.எஸ்.சி., உதவி வாக்காளர் பதிவு அலுவலர் மற்றும் வட்டாட்சியர் தஞ்சாவூர்	பெறுநர் 05/1/23 அலுவலர்
ந.க.அ-5/ 6475/ 2022	நாள்:21.01.2023

அய்யா,

பொருள்	தேர்தல்-13 வது தேசிய வாக்காளர் தினம்- 25.01.2023 அன்று நடைபெறுவதில் 174,தஞ்சாவூர் சட்ட மன்ற தொகுதி - தேசிய வாக்காளர் தினம் விழிப்புணர்வு போரணி மற்றும் பொது கூட்டம் நடை பெறுதல்-மாணவ,மாணவிகளை பேரணியில் கலந்து கொள்ள அனுப்பி வைத்தல் - தொடர்பாக
பார்வை	தஞ்சாவூர் மாவட்ட ஆட்சியர் அவர்களின் தொலைபேசி வழி செய்தி நாள்: 19.01.2023

பார்வையில் காணும் தஞ்சாவூர் மாவட்ட ஆட்சியர் அவர்களின் தொலைபேசி செய்தியின் படி 2023 ஆம் ஆண்டின் 13 வது தேசிய வாக்காளர் தினம் 25.01.2023 அன்று நடைபெறுவதை முன்னிட்டு தஞ்சாவூர் புகை வண்டி நிலையத்தில் இருந்து பழைய பேருந்து நிலையம் அருகில் உள்ள அண்ணா கலை அரங்கம் வரை தேசிய வாக்காளர் தினம் விழிப்புணர்வு போரணியும் அதனை தொடர்ந்து மாவட்ட ஆட்சியர் அவர்கள் தலைமையில் பொது கூட்டம் நடைபெற உள்ளதால் தங்கள் கல்லூரியில் பயிலும் இளம் செஞ்சிலுவைச் சங்கம் மற்றும் தேசிய மாணவர் படை,ஆத் ரெட் கிராஸ்,நாட்டு நலப்பணி திட்டம் மாணவ,மாணவிகளை பேரணியில் கலந்து கொள்ள உரிய அலுவலருடன் காலை 9.00 மணிக்கு தஞ்சாவூர் புகை வண்டி நிலையத்தில் வருகை தந்து மாவட்ட நிர்வாகத்திற்கு முழு ஒத்துழைப்பும் வழங்குமாறு கேட்டுக் கொள்கிறேன்.

தங்கள் நம்பிக்கையுள்ள  
உதவி வாக்காளர் பதிவு அலுவலர்  
மற்றும் வட்டாட்சியர்  
தஞ்சாவூர்.

நகல்: வாக்காளர் பதிவு அலுவலர் மற்றும் தஞ்சாவூர் வருவாய் கோட்ட அலுவலர் அவர்களுக்கு தகவலுக்காக பணிந்து அனுப்பப்படுகிறது.  
நகல்: மாவட்ட தேர்தல் அலுவலர் மற்றும் மாவட்ட ஆட்சியர் தஞ்சாவூர் அவர்களுக்கு தகவலுக்காக பணிந்து அனுப்பப்படுகிறது.

Request letter from Assistant Electoral Registration Officer



Image showing the rally to create the awareness of voters



# DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

<b>Topic / Nature of Work</b>	AIDS Awareness Programme to the public through vehicle Sticker
<b>Date (if applicable)</b>	07.10.2022
<b>Guided by</b>	Ms.R.Sivaranjani, Assistant Professor, Department of Computer science and applications
<b>Participants:</b> Batch/ Year/ Semester/Section	Final Year MCA

The Department of Computer Science and Applications and in Association with NSS Unit - X organized an Extension Activity on “**AIDS Awareness Programme to the public through pasting sticker in the vehicles**” on 07-10-2022. This Activity refers to **initiate the awareness about the AIDS issues to the current generation youngster’s through the vehicle sticker and enhance the awareness to the peoples.** Ms. R.Sivaranjani, Assistant Professor/CSA has coordinated the Extension Activity.







## **AIDS AWARENESS PROGRAMME TO THE PUBLIC THROUGH VEHICLE STICKER.**

### **PROGRAMME SCHEDULE**

✓ *Interaction with Public*

Mr.V.Keerthivasan,  
II MCA - Student ,  
PMIST.

**VENUE : PATTEESWARAM,  
KUMBAKONAM.**

**TIME: 1.00 PM - 2.00 PM**

**DATE :07.10.2022**

**ORGANIZED BY  
DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS,AND IN  
ASSOCIATION WITH  
NSS UNIT - X**

**PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**

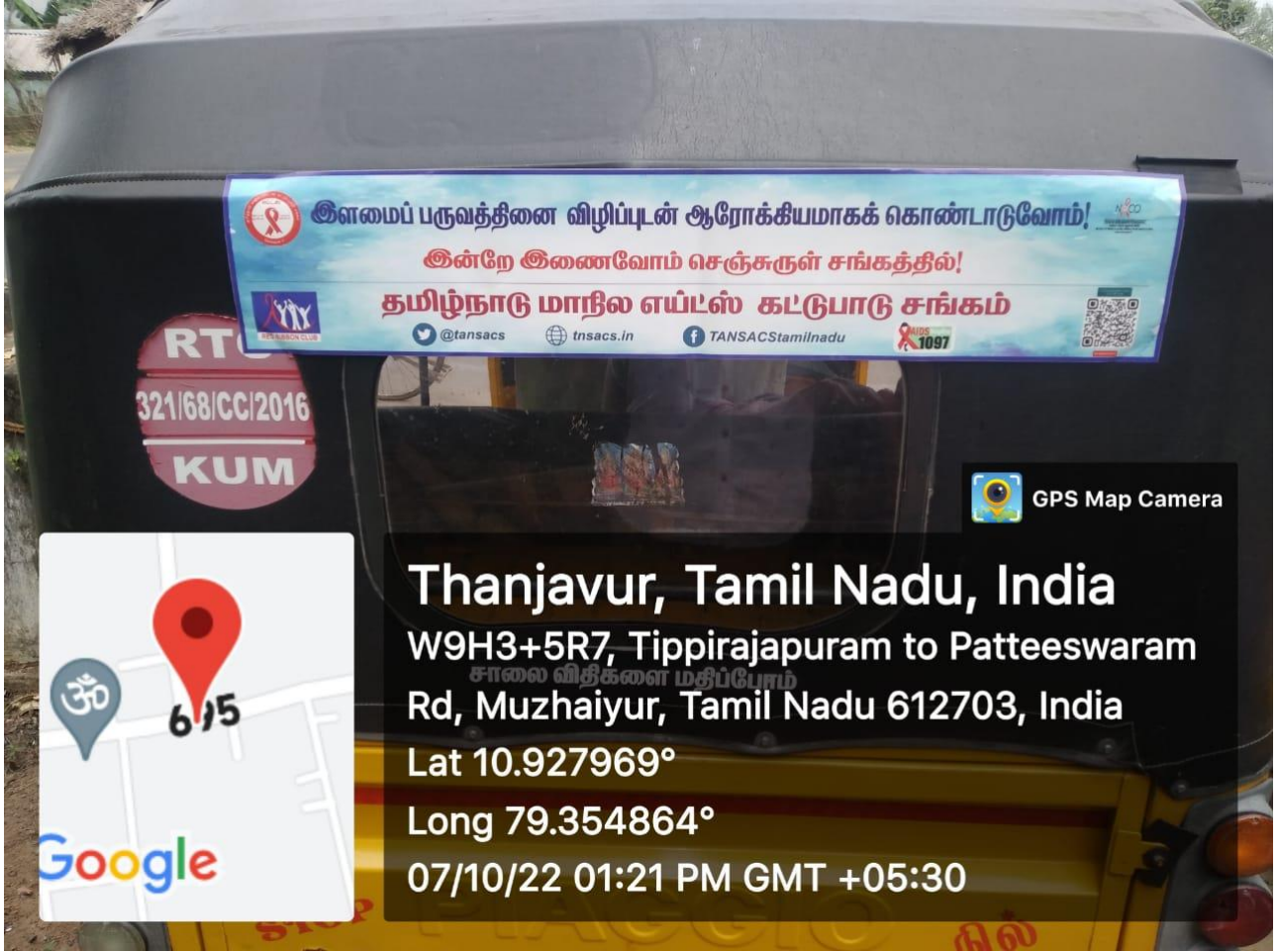


Image showing the Pasting the stricter in vehicles at Tippirajapuram to Patteeswaram

<b>Topic / Nature of Work</b>	Seminar
<b>Date (if applicable)</b>	15-02-2023
<b>Guided by</b>	Ms.T,Logesh AP/CSA
<b>Participants:</b> Batch/ Year/ Semester/Section	II MCA-B Students

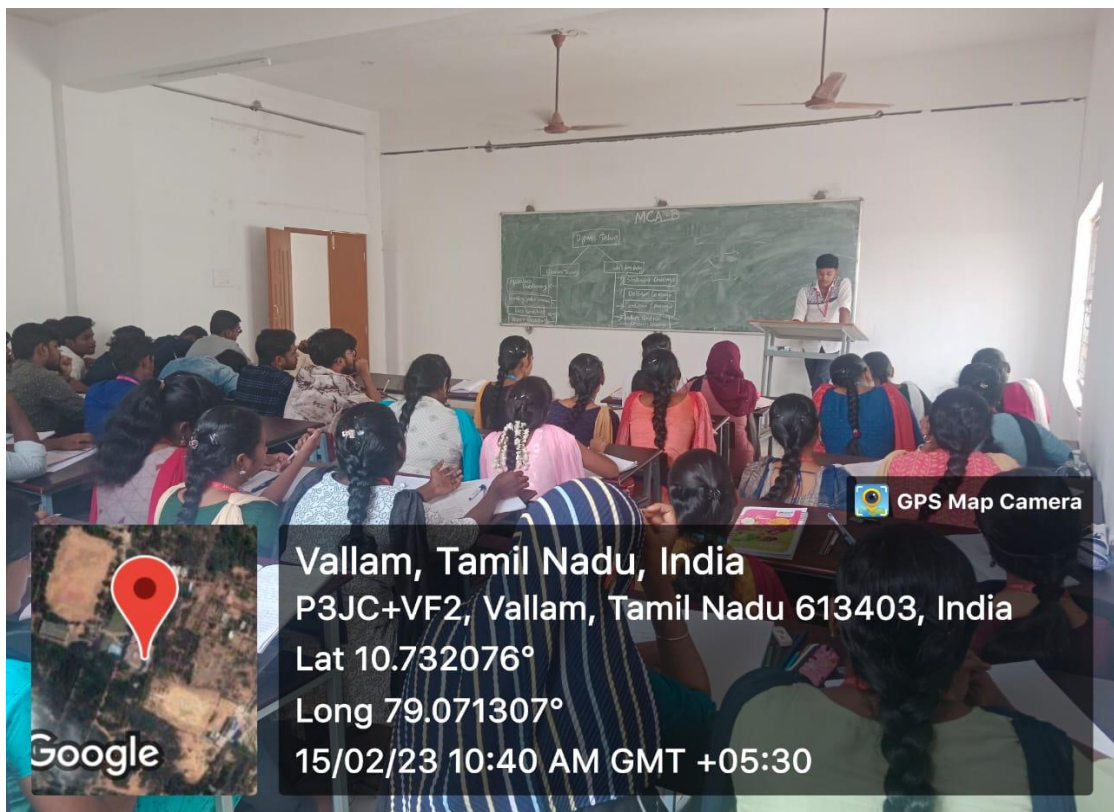


Image showing the seminar taken by II-MCA Student



# DEPARTMENT OF MANAGEMENT STUDIES

S.NO	Faculty Name	Course Code	Course Name	Activity
1	Dr.B.Mahendra Mohan B	YBA301	Strategic Management	Flipped Classroom
2	Dr. KVR Rajandran	YBAE07	Training and Development	Board Games and seminar
3	Dr.Sathyapriya J	YBAE08	Industrial Relation and Labour Law	Seminar
4	Dr.Guru P	YBAE03	Quality Management	Role play
5.	Mr. Rosanth I	YBA E06	Banking and Insurance Management	Slido, Quiz, Seminar
6.	Ms.Domnic Thavagnana Nachathiram.K	YBA E09	Compensation Management	Slido, Role play
7.	Ms.Priyanka C	XBA503	Business organization and environment	Slido, Quiz

**Course Code:** YBA E06

**Course Name:** Banking and Insurance Management

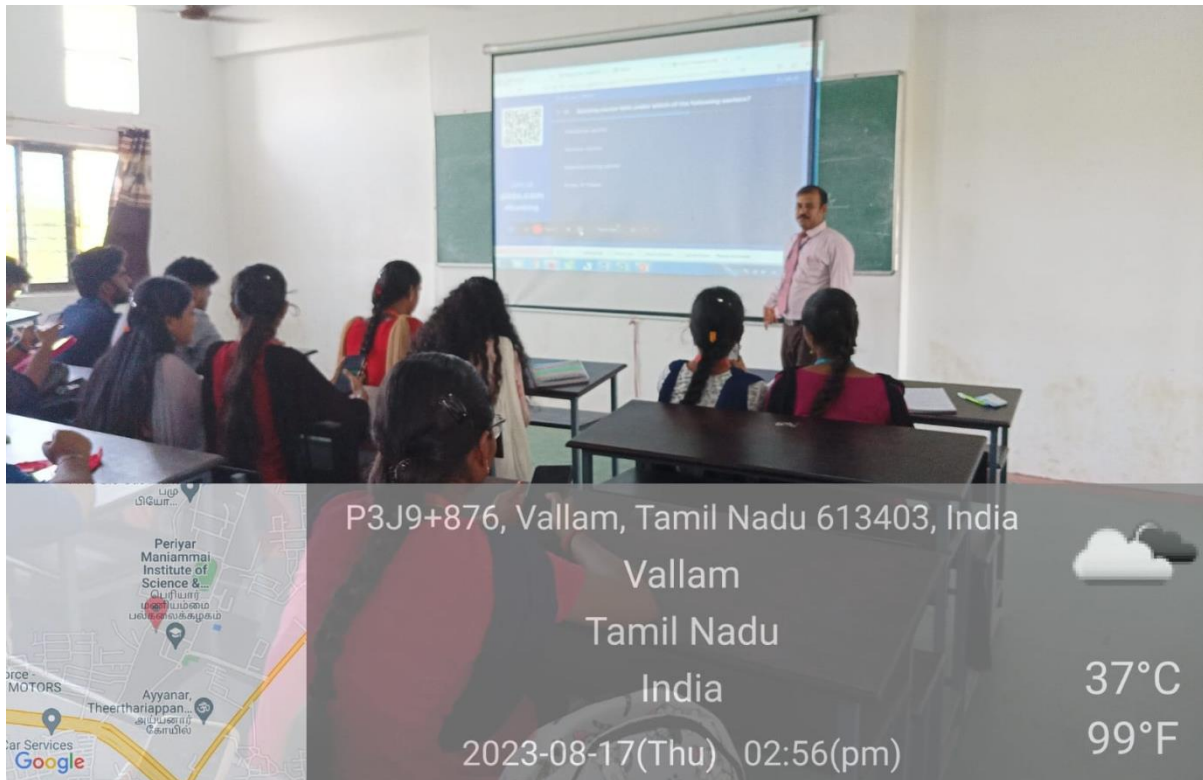
**Course teacher:** Rosanth I

Using Slido, Princy organized a McQ online live competition. Sixty students from the II MBA A&B SECTION took part in the online poll. Among the students, Nitish Kumar obtain the highest marks and secure First Place.

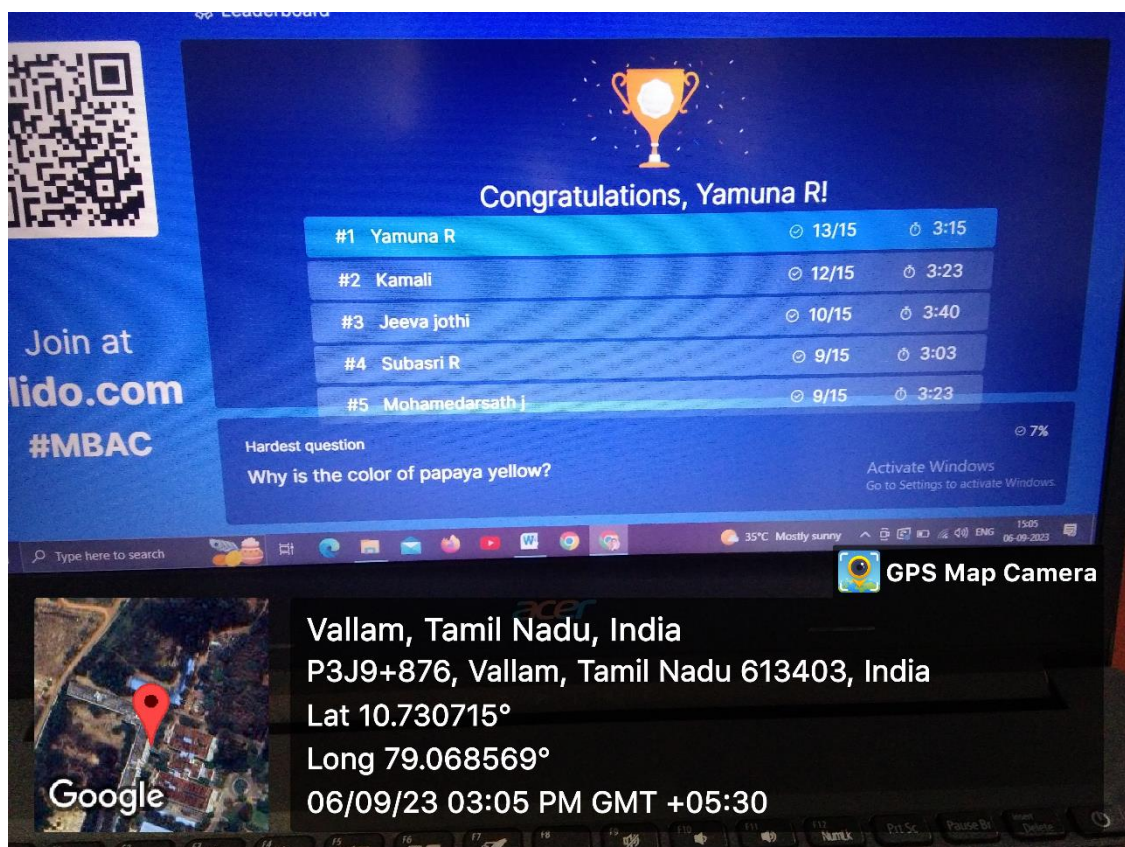
The screenshot shows a Slido online poll interface. At the top, it says "Leaderboard". On the left, there is a QR code and the text "Join at slido.com #PRINCY". In the center, a trophy icon is displayed above the text "Congratulations, Nitish Kumar!". Below this, a table lists the top five participants:

Rank	Participant Name	Score	Time
#1	Nitish Kumar	6/6	4:30
#2	Hey	6/6	5:06
#3	S. Gokul raj	6/6	5:16
#4	Nawas....	6/6	5:37
#5	Venkatesan	6/6	5:42

At the bottom, it indicates "Hardest question STORY 4" with a progress indicator of 41%.



FACULTY NAME : MS. MS.DOMNIC THAVAGNANA NACHATHIRAM.K  
 COURSE CODE : YBA E09  
 COURSE NAME : COMPENSATION MANAGEMENT  
 ACTIVITY: SLIDO, ROLE PLAY  
 Conducting slido Quiz program to second MBA 'B' Section .







Conducting Role play to MBA 'B' Section . Topic is “how you evaluate your employees to get sound compensation” YOGESWARAN and his team was perform well.



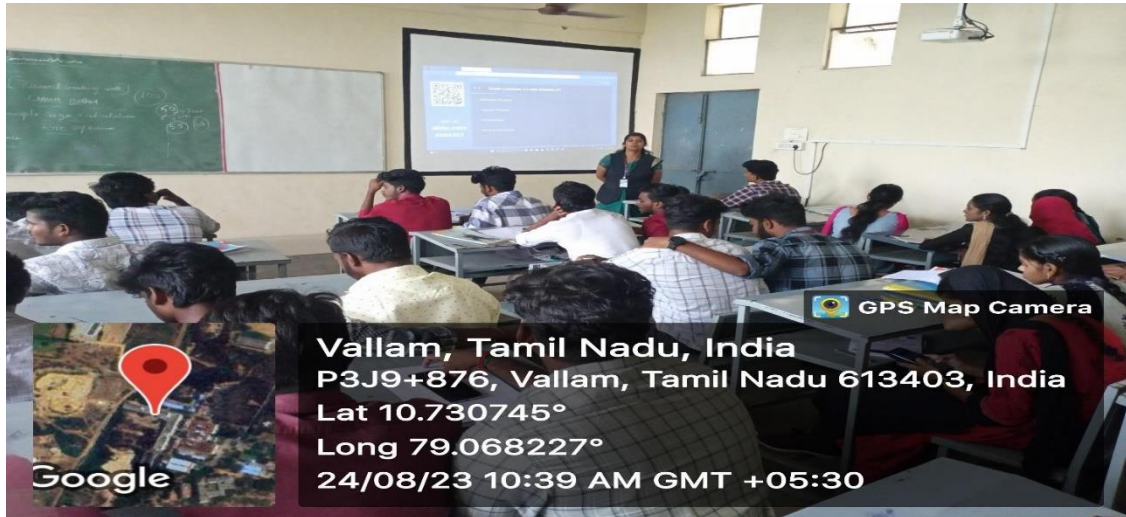
**Course Code:** XBA503

**Course Name:** Business organization and environment

**Course teacher:** Ms.Priyanka C

Using Slido, organized a McQ online live competition. Sixty students from the III BBA took part in the online poll. Among the students, Abdul salam R obtain the highest marks and secure First Place.





**Vallam, Tamil Nadu, India**  
**P3J9+876, Vallam, Tamil Nadu 613403, India**  
**Lat 10.730745°**  
**Long 79.068227°**  
**24/08/23 10:39 AM GMT +05:30**

GPS Map Camera

# DEPARTMENT OF COMMERCE

<b>Topic / Nature of Work</b>	<b>Application of Technical Analysis in assessing the performance of Securities</b>
<b>Date (if applicable)</b>	16.02.2023
<b>Guided by</b>	◦ Dr.N.Jayanthi Associate Professor, Department of Commerce
<b>Participants:</b> Batch Year/ Semester/Section	2022 – 23 /II M.Com / IV Semester

Security Analysis and Portfolio Management II –M.Com Batch – 2021-23- 2.Portfolio

Analysis- Calculation of risk and return of stocks

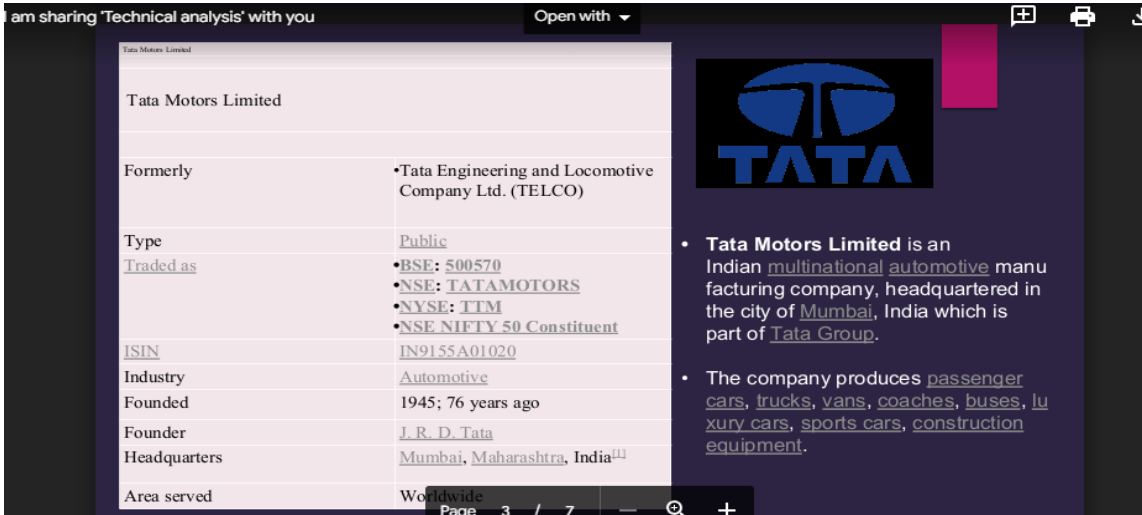
## *The CAPM Formula*

- ▶ CAPM evolved as a way to measure this systematic risk. Sharpe found that the return on an individual stock, or a portfolio of stocks, should equal its cost of capital. The standard formula remains the CAPM, which describes the relationship between risk and expected return.

FORMULA :

$$R_a = R_{rf} + \beta_a * (R_m - R_{rf})$$

**Comparative analysis of two securities using Technical Analysis with Inferences**



<b>Topic / Nature of Work</b>	<b>Case Study in Research Methodology</b>
<b>Date (if applicable)</b>	27.06.2022
<b>Guided by</b>	◦ Dr.N.Jayanthi Associate Professor, Department of Commerce
<b>Participants: Batch Year/ Semester/Section</b>	2022 – 23 /II M.Com / IV Semester

Research Methodology II –M.Com Batch – 2021-23





# DEPARTMENT OF EDUCATION

<b>Topic / Nature of Work</b>	Mini Project
<b>Date (if applicable)</b>	From 03.01.2023 to 22.04.2023
<b>Guided by</b>	◦ Mr. M. Karthick , Assistant Professor, Department of Education
<b>Participants:</b> Batch/ Year/ Semester/Section	2019-2023 /IV Year / VIII/ B.Sc. B.Ed / A -Computer Science GANGAITHARA S JENIYA PRINCY D MAHESHWARI R MATHIVATHANI S NIVETHA M PARKAVISREE M SANTHIYA L SATHKAVI N SHALINI S SIVABHARATHI B

PROJECT REPORT

## STUDENTS TRANSPORT DEVELOPMENT SYSTEM

SUBMITTED TO:

**Mr. M. KARTHICK, M.Sc.,M.Ed.,(Ph.D).,**

**ASSISTANT PROFESSOR**

SUBMITTED BY:

**GANGAITHARA.S (119011159126)**

**SIVABHARATHI.B (119011159140)**

*In partial fulfillment for the award of the degree of*

**B.Sc.,B.Ed (INTEGRATED)**

**DEPARTMENT OF EDUCATION**



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MANIAMMAI**  
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(Deemed to be University)  
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PERIYAR NAGAR, VALLAM, THANJAVUR 613403, TAMILNADU, INDIA

PHONE: +91-4362-264600 FAX: +91- 4362-264660

Email: [headbed@pmu.edu](mailto:headbed@pmu.edu) WEB: [www.pmu.edu](http://www.pmu.edu)

APRIL 2023

**PROJECT REPORT  
ON  
YOUTUBE TRANSCRIPT SUMMARIZER**

**Submitted by:**

**M.PARKAVISREE (119011159135)**

**N.SATHKAVI (119011159138)**

**Submitted to:**

**Mr. M. KARTHICK M.Sc.,M.Ed.,(Ph.D),**

**ASSISTANT PROFESSOR**

**In partial fulfilment for the award of the degree of**

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TAMILNADU,INDIA**

**PHONE : +91-4362-264600 FAX : +91-4362-264660**

**Email : [headbedu@pmu.edu](mailto:headbedu@pmu.edu) WEB : [WWW.pmu.edu](http://WWW.pmu.edu)**

**APRIL 2023**



**PROJECT REPORT**

**FACE RECOGNITION AND IDENTIFICATION STUDENT  
ATTENDANCE SYSTEM**

**Submitted to:**

**Mr.M.KARTHICK M.Sc.,M.Ed.,(Ph.D),**

**ASSISTANT PROFESSOR**

**Submitted by:**

**S.MATHIVATHANI (119011159131)**

**M. NIVETHA (119011159134)**



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**APRIL 2023**

**PROJECT REPORT  
ON  
IOT BASED AIR POLLUTION MONITORING SYSTEM**

**Submitted by :**

**L.SANTHIYA (119011159137)**

**S.SHALINI (119011159139)**

**Submitted to :**

**Mr.M.KARTHICK, M.Sc.,M.Ed., (Ph.D),,**

**ASSISTANT PROFESSOR**

**In partial fulfilment for the award of the degree of**

**B.Sc., B.Ed., (INTEGRATED)**

**DEPARTMENT OF EDUCATION**



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**Email : [headbedu@pmu.edu](mailto:headbedu@pmu.edu) WEB : [WWW.pmu.edu](http://WWW.pmu.edu)**

**APRIL-2023**

**PROJECT REPORT**  
**ON**  
**AUTOMATIC COLLEGE LIBRARY**  
**MANAGEMENT SYSTEM**

**Submitted by:**

**D.JENIYA PRINCY - (119011159128)**  
**R. MAHESHWARI - (119011159130)**

**Submitted to:**  
**Mr. M. KARTHICK M.Sc.,M.Ed.,(Ph.D),**  
**ASSISTANT PROFESSOR**

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**B.Sc., B.Ed (INTEGRATED)**  
**DEPARTMENT OF EDUCATION**



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**TAMILNADU,INDIA**

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**Email : [headbedu@pmu.edu](mailto:headbedu@pmu.edu) WEB : [WWW.pmu.edu](http://WWW.pmu.edu)**

**APRIL 2023**



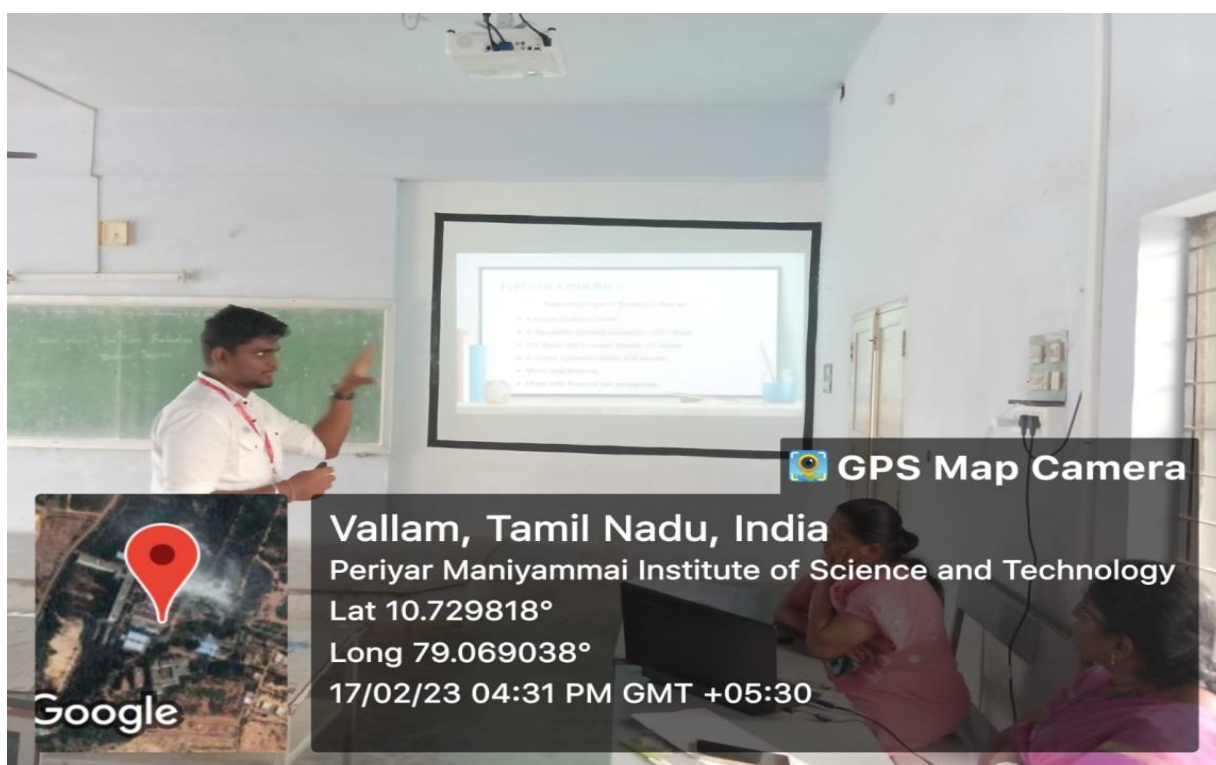
# DEPARTMENT OF MATHEMATICS

<b>Topic / Nature of Work</b>	Seminar (Population Dynamics – Epidemics)
<b>Date (if applicable)</b>	17.02.2023
<b>Guided by</b>	Dr. P.Geetha
<b>Participants: Batch/ Year/ Semester/Section</b>	2021-2023/ II / IV / A

Course Code : YMA403

Course Name : Mathematical Modeling

Student Name : R. B. Sugandhan



<b>Topic / Nature of Work</b>	Seminar Non holonomic system in unicycle
<b>Date (if applicable)</b>	13.03.2023
<b>Guided by</b>	Dr.A.Sasikala
<b>Participants: Batch/ Year/ Semester/Section</b>	2022-2024/ I / II / A

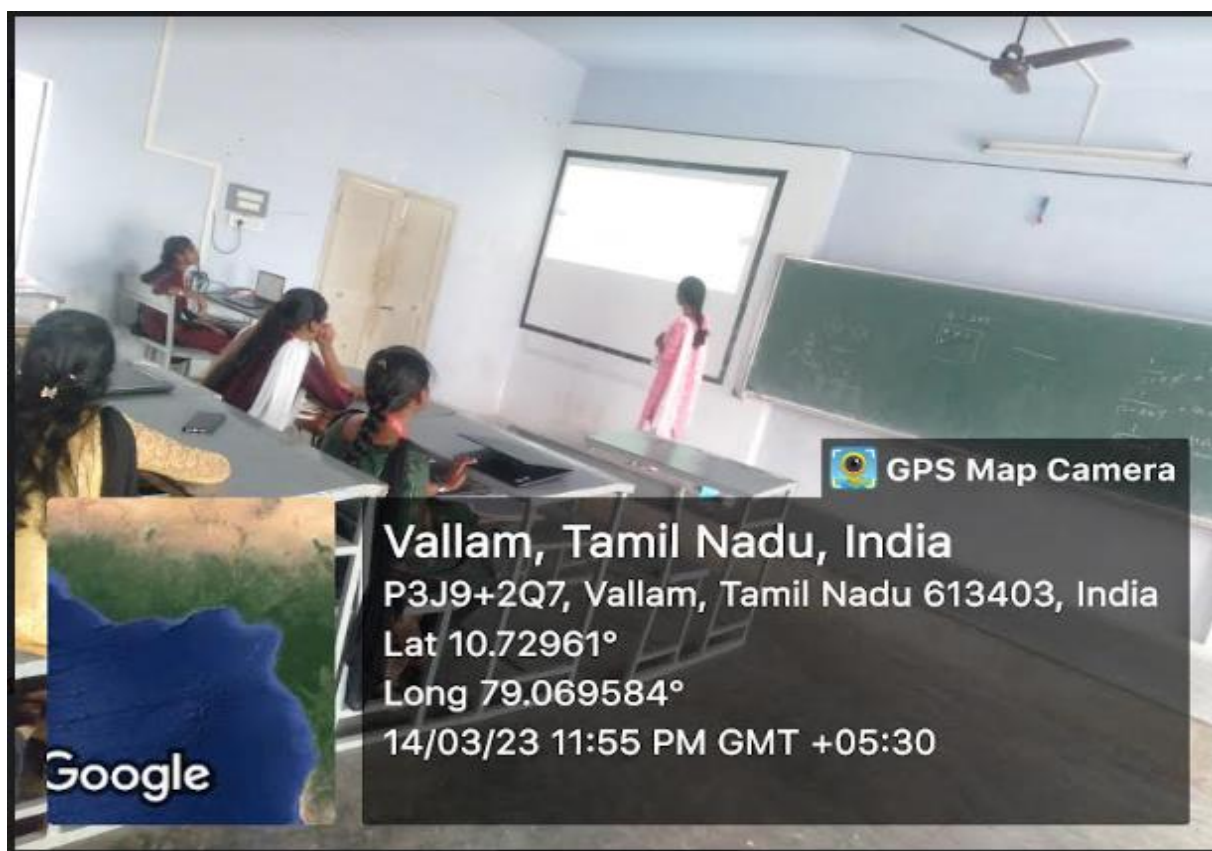
Course Code : YMA204

Course Name : Classical Dynamics

Student Name : Manoj M



<b>Topic / Nature of Work</b>	Seminar
<b>Date (if applicable)</b>	14.03.2023
<b>Guided by</b>	Dr. C. Vimala
<b>Participants:</b> Batch/ Year/ Semester/Section	2022-2024/ I / II / A
Course Code :	YMA203
Course Name :	Partial Differential Equations
Student Name :	Sudheshna G
Topic:	A Study on Non - linear Second Order Partial Differential Equations





<b>Topic / Nature of Work</b>	Extension Activity Awareness Program On Hygiene & Discipline
<b>Date (if applicable)</b>	25.01.2023
<b>Guided by</b>	Dr.S.Dilip Jose
<b>Participants: Batch/ Year/ Semester/Section</b>	2021-2023 / II Year (M.Sc -Maths) / IV sem / A Sec. 2022-2024 / I Year (M.Sc-Maths) / II sem / A Sec. 2020-2023 / III Year (B.Sc-Maths) / VI sem / A Sec. 2021-2024 / II Year (B.Sc-Maths) / IV sem / A Sec. 2022-2025 / I Year (B.Sc-Maths) / II sem / A Sec.





**PERIYAR MANIAMMAI  
MATHEMATICS  
ASSOCIATION-  
EXTENSION ACTIVITIES**

**AWARENESS ON HYGIENE & DISCIPLINE**

**2023 25/01 10:00  
WEDNESDAY**

**VENUE-BON SECOURS SCHOOL  
THATCHANKURICHY  
PERIYAR PURA VILLAGE**

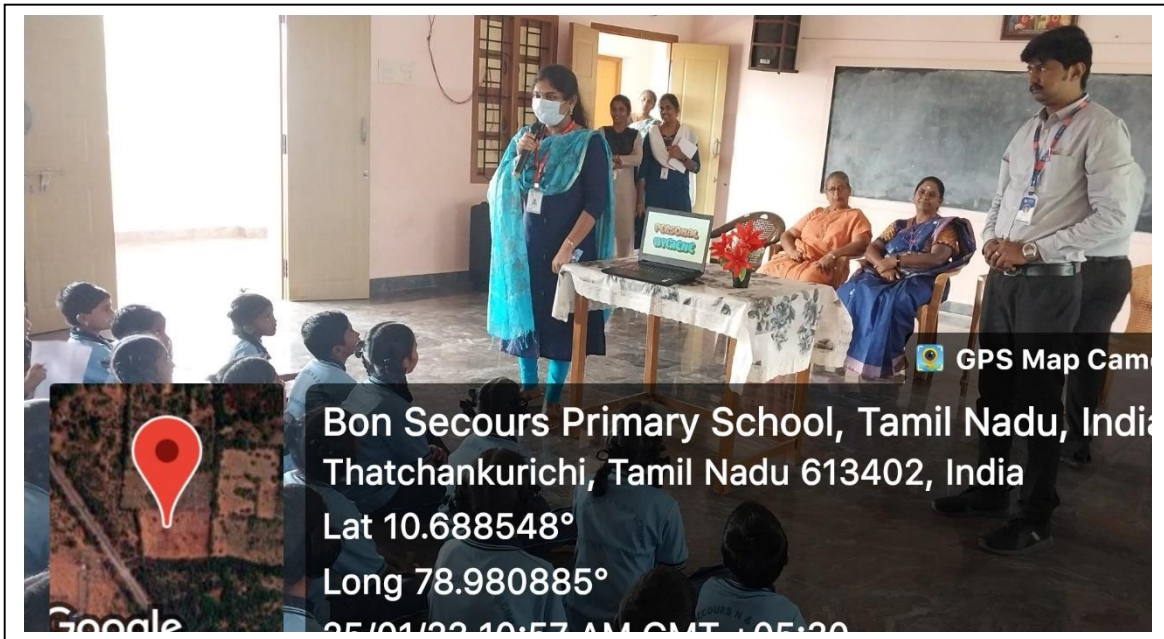
**DEPARTMENT OF MATHEMATICS  
JOINTLY ORGANISED WITH  
PERIYAR PURA CENTRE FOR RURAL DEVELOPMENT  
PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY**

**Invitation**

**Photos**



The program Inauguration with the honorable Headmistress and HOD, Department of Mathematics

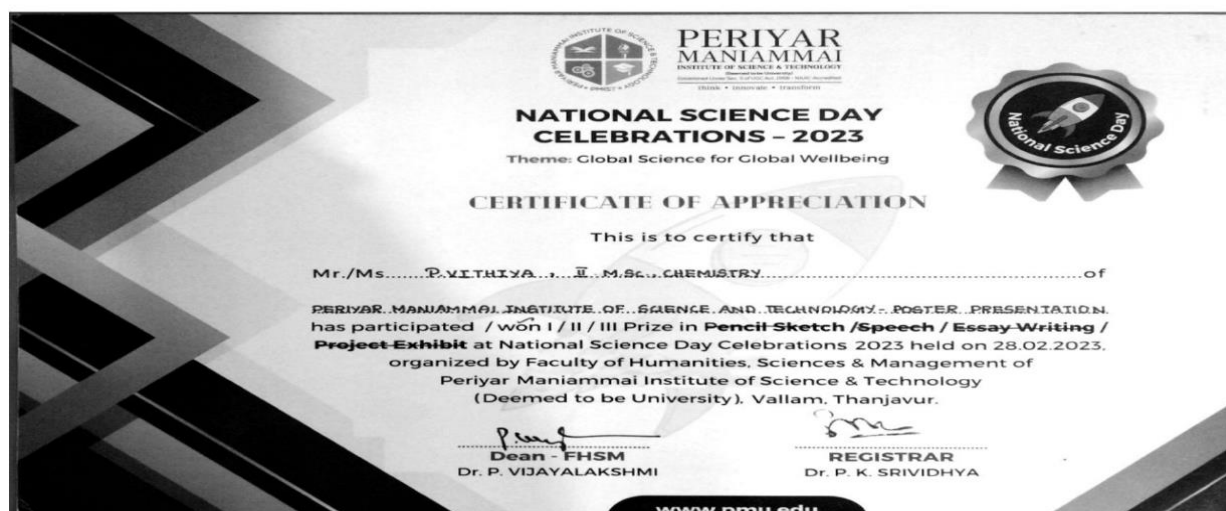


Awareness Program by M.R.Reshma Raaj (II-Msc) about Health Hygiene



# DEPARTMENT OF CHEMISTRY

<b>Topic / Nature of Work</b>	NATIONAL SCIENCE DAY
<b>Date (if applicable)</b>	20-02-2023
<b>Guided by</b>	Dr.A.Manohar Associate Professor
<b>Participants:</b> Batch/ Year/ Semester/Section	P. VITHIYA
P. VITHIYA, II M.Sc students participated in poster presentation and won the first prize during National Science Day 2023 competition organized by PMIST.	





<b>Topic / Nature of Work</b>	PROJECT EXHIBITION
<b>Date (if applicable)</b>	20-02-2023
<b>Guided by</b>	Dr.A.Manohar Associate Professor
<b>Participants:</b> Batch/ Year/ Semester/Section	R.SANTHOSH KUMAR

R.SANTHOSH KUMAR,M.Sc student participated in poster presentation and won the first prize during National Science Day 2023 competition organized by PMIST.



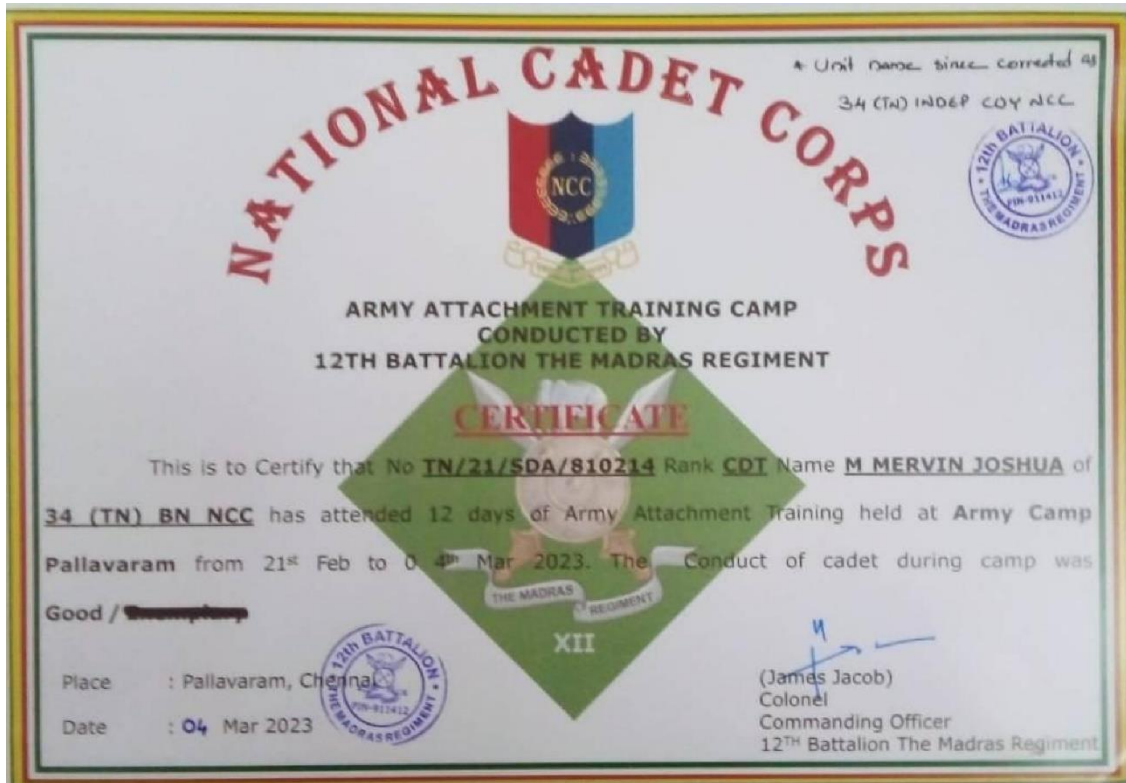
<b>Topic / Nature of Work</b>	Elsevier Research Academy, module
<b>Date (if applicable)</b>	24-09-2022
<b>Guided by</b>	Dr .R.Prabakaran Assistant Professor
<b>Participants:</b>	

Batch/ Year/ Semester/Section	SUKUMAR S
Sukumar S, has successfully completed the Elsevier Research academic module “make your data reusable, It’s not fair! Improving data publishing practises in Research ” on 24-09-2022	



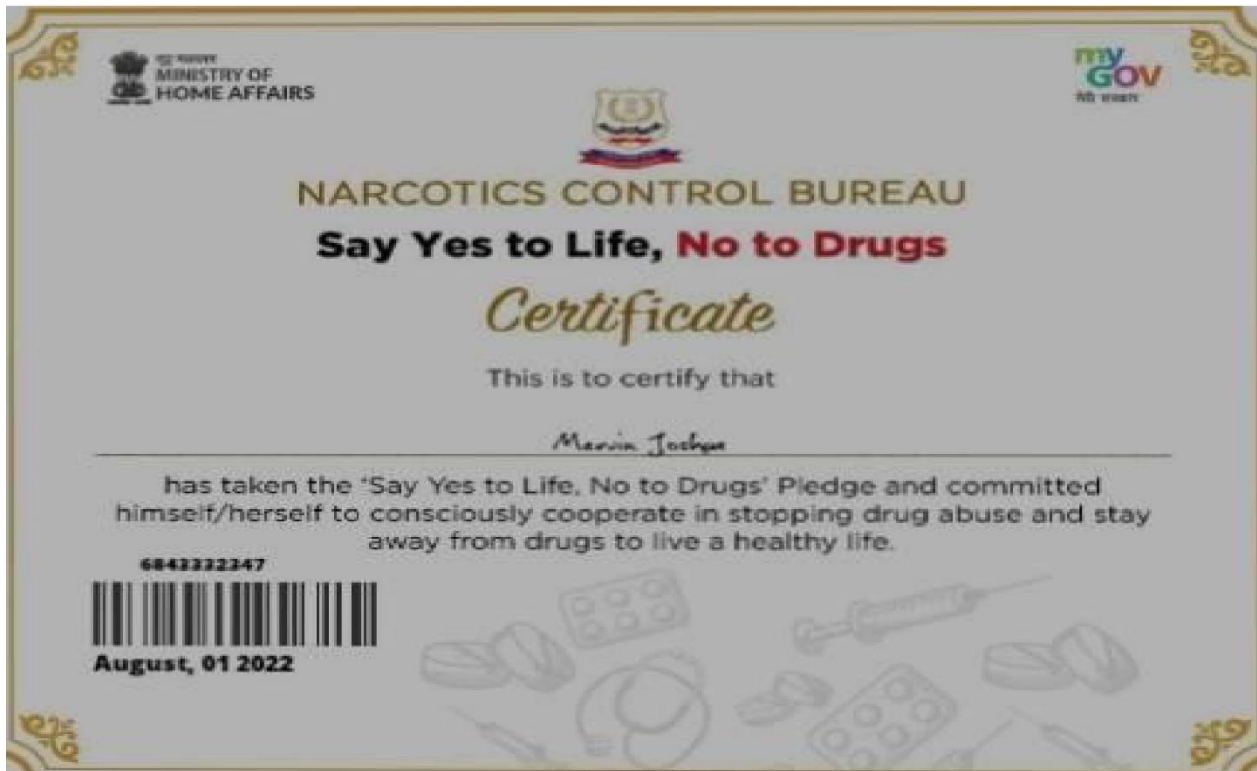
<b>Topic / Nature of Work</b>	<b>NARCOTICS CONTROL BUREAU ARMY ATTACHMENT TRAINING CAMP</b>
<b>Date (if applicable)</b>	21-02-2023-04.03.2023
<b>Guided by</b>	Dr.S.Sundranayagi Assistant Professor
<b>Participants:</b> Batch/ Year/ Semester/Section	Mr.Mervin Joshwa, Batch: 2021-2024/II/IV/A

Mr.Mervin Joshwa, (2021-2024/II/IV/A) student has attended 12 days Army attachment training held at Army camp pallavaram.



<b>Topic / Nature of Work</b>	<b>NARCOTICS CONTROL BUREAU Say yes to life, No to Drugs</b>
<b>Date (if applicable)</b>	01.08.2022
<b>Guided by</b>	Dr.S.Sundranayagi Assistant Professor
<b>Participants: Batch/ Year/ Semester/Section</b>	Mr.Mervin Joshwa, Batch: 2021-2024/II/IV/A
Mr.Mervin Joshwa, (2021-2024/II/IV/A) student participated and has taken the pledge of Say yes to life, No to drugs pledge organized by <b>NARCOTICS CONTROL BUREAU. Ministry of home affairs on 01.08.2022.</b>	





<b>Topic / Nature of Work</b>	<b>Speech competition</b>
<b>Date (if applicable)</b>	07.03.2023
<b>Guided by</b>	Dr.S.Sundranayagi Assistant Professor
<b>Participants:</b> Batch/ Year/ Semester/Section	UG 2022-2025/I/II/A
J.Jayasri I B.Sc students won a Third Prize in speech competition organised by gender Champions Club Department of Education ,Mathematics Periyar maniammai Instittie of Science and Technology,Thanjavur	



<b>Topic / Nature of Work</b>	Speak for India a state level intercollegiate debate competition
<b>Date (if applicable)</b>	03.02.2023
<b>Guided by</b>	Dr.M.Vishavalingam Assistant Professor
<b>Participants:</b> Batch/ Year/ Semester/Section	A.R MUHAMMDH SAHAAFI
A.R Muhammdh Sahaafi IB.Sc Student has Participated at the district level of Speak for India a state level intercollegiate debate competition on 03.02.2023	



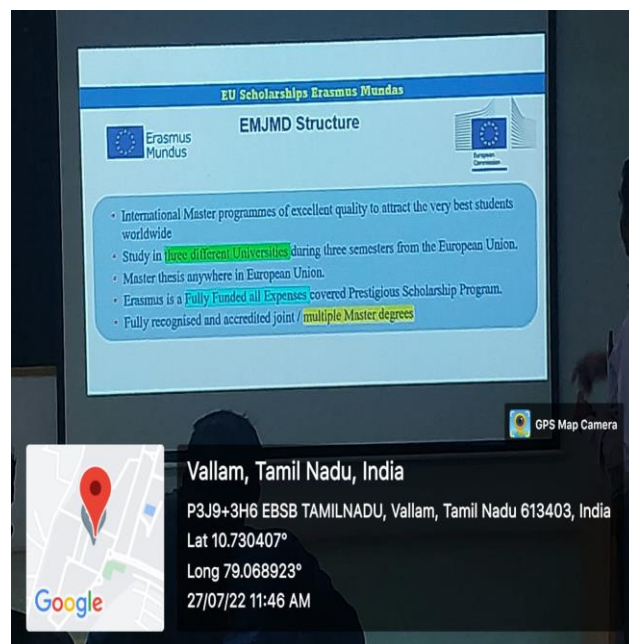
<b>Topic / Nature of Work</b>	<b>“Online webinar on Developing the skill in Mathematics operations using C”</b>
<b>Date (if applicable)</b>	24.09.2022
<b>Guided by</b>	Dr.M.Karthikeyan,Assistant Professor
<b>Participants:</b> Batch/ Year/ Semester/Section	PG 2021-2023/II/III/A
<b>R.Rajesh II M.Sc students participated in “Online webinar on Developing the skill in Mathematics operations using C” organized by Department of Mathematics , PMIST on 24.09.2022.</b>	





<b>Topic / Nature of Work</b>	<b>Expert Lecture series on “Global Opportunities and Scholarships for Master Studies”</b>
<b>Date (if applicable)</b>	27.07.2022
<b>Guided by</b>	S. Gomathi, Head & Assistant Professor of Chemistry.
<b>Participants:</b> Batch/ Year/ Semester/Section	Final year Undergraduate and B.Tech students

Final year students participated in the expert lecture Series on Global Opportunities and scholarships for master studies organised by Department of chemistry Periyar maniammai Institute of Science and technology ,Vallam,Thanjavur-613403 on 27.07.2022.



<b>Topic / Nature of Work</b>	<b>Expert Lecture series on “International Research Scholarships for Post graduates and Research Scholars”</b>
<b>Date (if applicable)</b>	28.07.2022
<b>Guided by</b>	Dr.S Gomathi, Head & Assistant Professor of Chemistry.

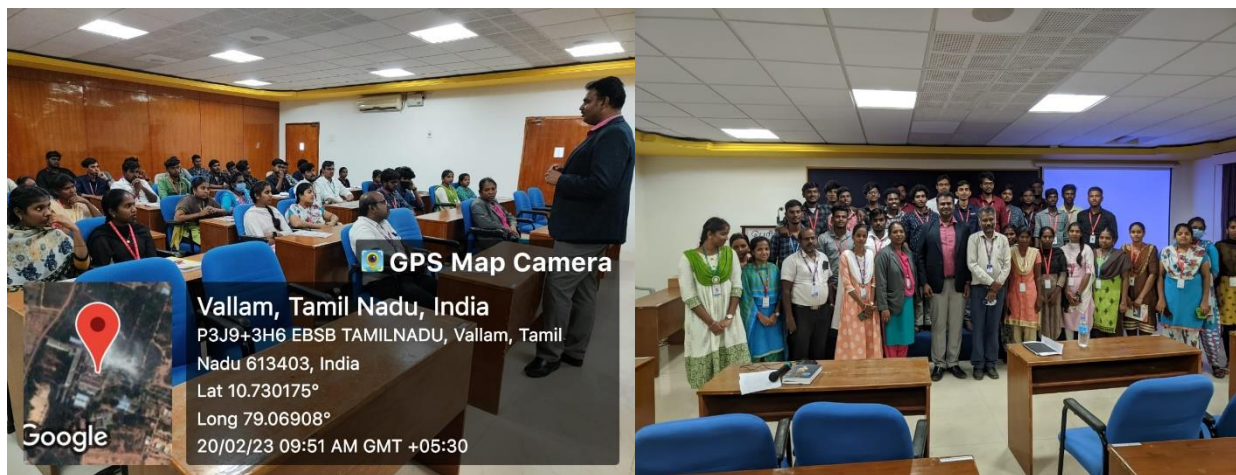
<b>Participants:</b>	PG Students and Research Scholars
Batch/ Year/ Semester/Section	

PG Students and Research Scholars has participated in the Expert lecture series on International Research Scholarships organised by Department of chemistry Periyar maniammai Institute of Science and technology ,Vallam,Thanjavur-613403 on 28.07.2022.

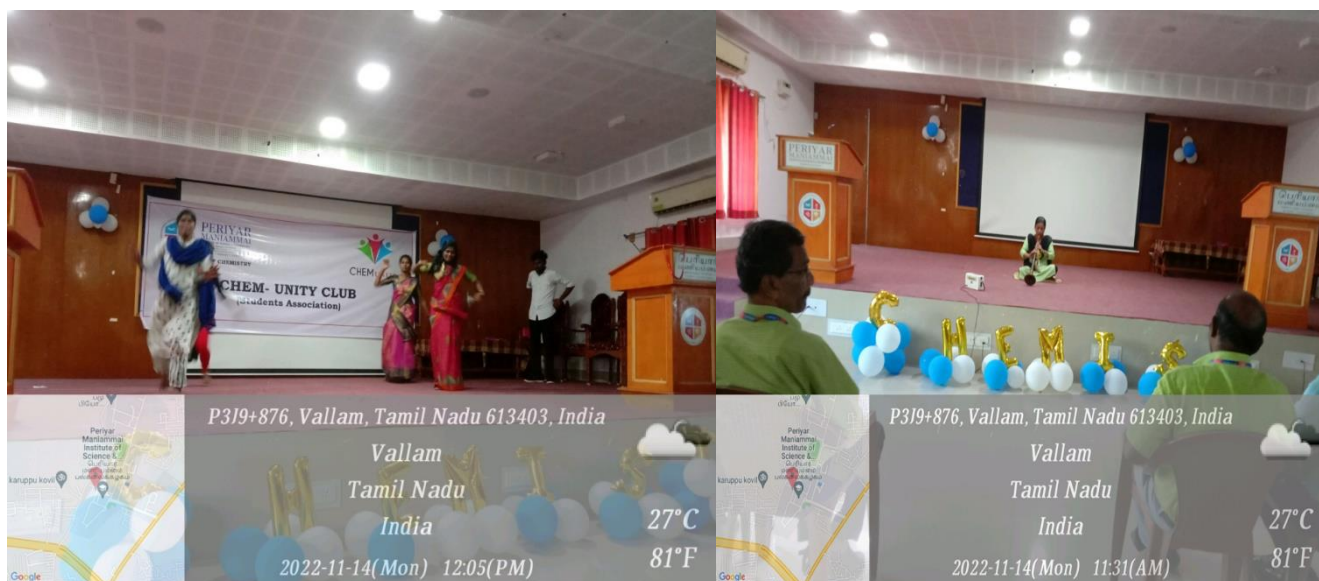


<b>Topic / Nature of Work</b>	Scholarly Scientific Training Programme
<b>Date (if applicable)</b>	20.02.2023
<b>Guided by</b>	Dr.S. Gomathi, Head & Assistant Professor of Chemistry.
<b>Participants:</b> Batch/ Year/ Semester/Section	UG ,PG Students & Research Scholars

UG ,PG Students & Research Scholars has Participated Scholarly Scientific Training Programme organised by Department of chemistry Periyar maniammai Institute of Science and technology ,Vallam,Thanjavur-613403 on 20.02.2023



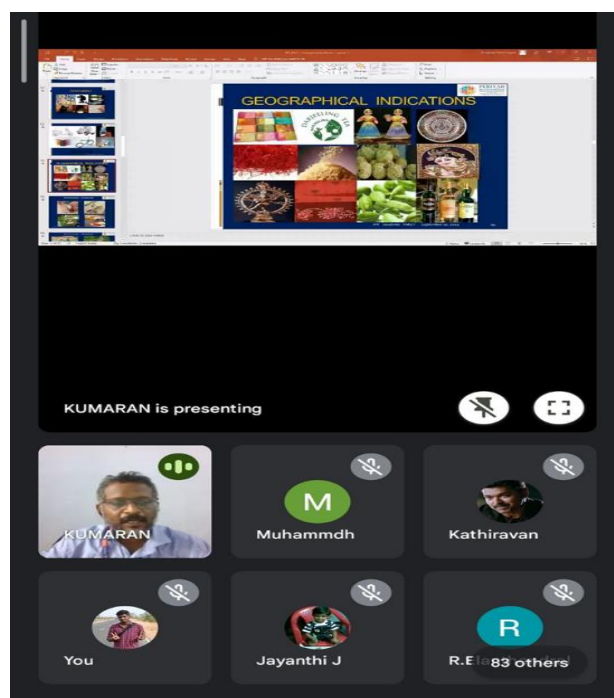
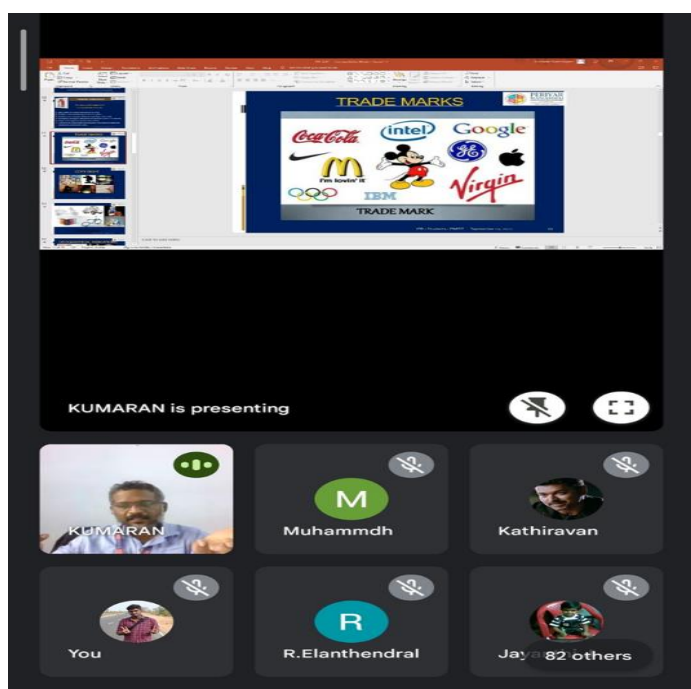
<b>Topic / Nature of Work</b>	<b>Chem Unity Club (Students's Association)</b>
<b>Date (if applicable)</b>	14.11.2022
<b>Guided by</b>	Dr.S.Sandranayagi
<b>Participants:</b> Batch/ Year/ Semester/Section	All UG & PG students of chemistry department Participated in <b>Chem Unity Club (Students's Association)</b> on 14 <sup>th</sup> November 2022





<b>Topic / Nature of Work</b>	<b>One Day Webinar on Innovation and Intellectual Property Rights</b>
<b>Date (if applicable)</b>	10 <sup>th</sup> September 2022
<b>Guided by</b>	Dr.S. Gomathi, Head &Assistant Professor of Chemistry.
<b>Participants:</b> Batch/ Year/ Semester/Section	UG and PG students

UG and PG students Department of Chemistry has participated **One Day** Webinar on Innovation and Intellectual Property Rights jointly organized with Institution Innovation Council, PMIST\_



<b>Topic / Nature of Work</b>	Student professional bodies (Membership ID)
<b>Date (if applicable)</b>	10 <sup>th</sup> September 2022
<b>Guided by</b>	Dr.S. Gomathi, Head &Assistant Professor of Chemistry

**Participants:**

A.Harrish Ram D.Yazhini P.Manivasagam M.Nithisri M.Priyadharshan

Batch/ Year/  
Semester/Section

The above mentioned students have registered and received Annual membership award from Royal Society of Chemistry (RS)



**Education and Professional Practice**  
Thomas Graham House  
Science Park, Milton Road  
Cambridge CB4 0WF, UK  
Tel +44 (0) 1223 432141  
Direct line +44 (0) 1223 432255  
Email [membership@rsc.org](mailto:membership@rsc.org)  
[www.rsc.org](http://www.rsc.org)

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When making a payment by Bacs or bank transfer please quote your **membership number and name** on all correspondence, and advise us the payment has been made.

**This will help us to allocate the money swiftly to your account.**

**Bank Name:** National Westminster Bank plc  
Cambridge Market Street Branch  
23 Market Street Branch  
Cambridge  
CB2 3PA

**Account Name** Royal Society of Chemistry

**For Sterling payments**

**A/c No. UK Sterling** 24052183  
**Sort Code:** 60-04-23  
**IBAN Code** GB48 NWBK 600423 24052183  
**Swift Code** NWBK GB 2122N

**For US Dollar payments**

**A/c No. US Dollars** 06876587  
**IBAN Code Dollar** GB 40NWBK 6073 0106876587  
**BIC Code** NWBK GB 2L

**For Euro payments**

**A/c No. Euro** 06839398  
**IBAN Code Euro** GB16 NWBK 6072 1106839398  
**BIC Code** NWBK GB 2L

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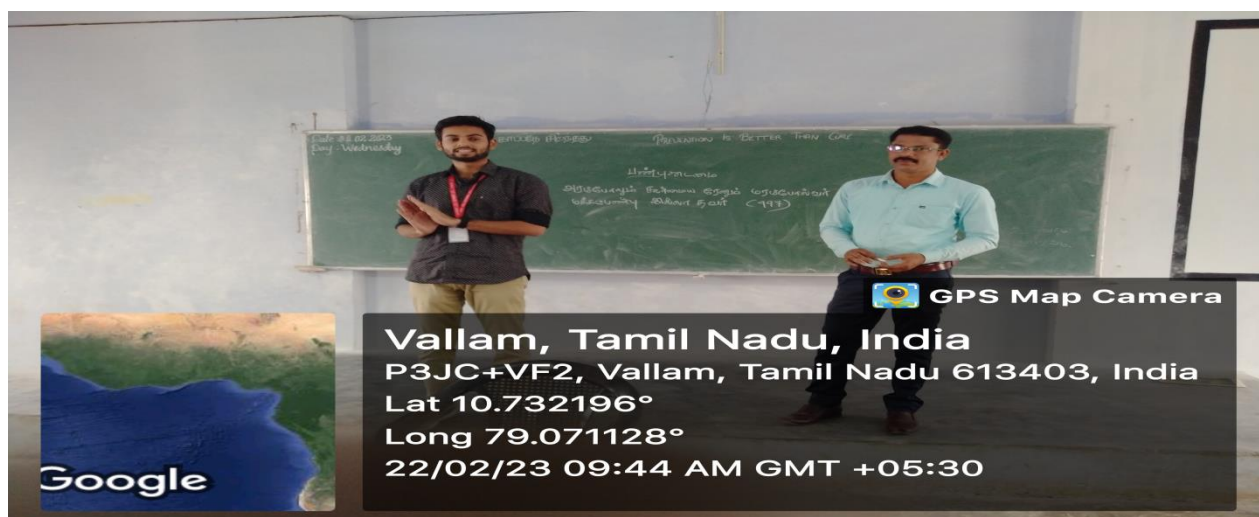
VAT registration number GB 342 176471

Registered charity number 207890

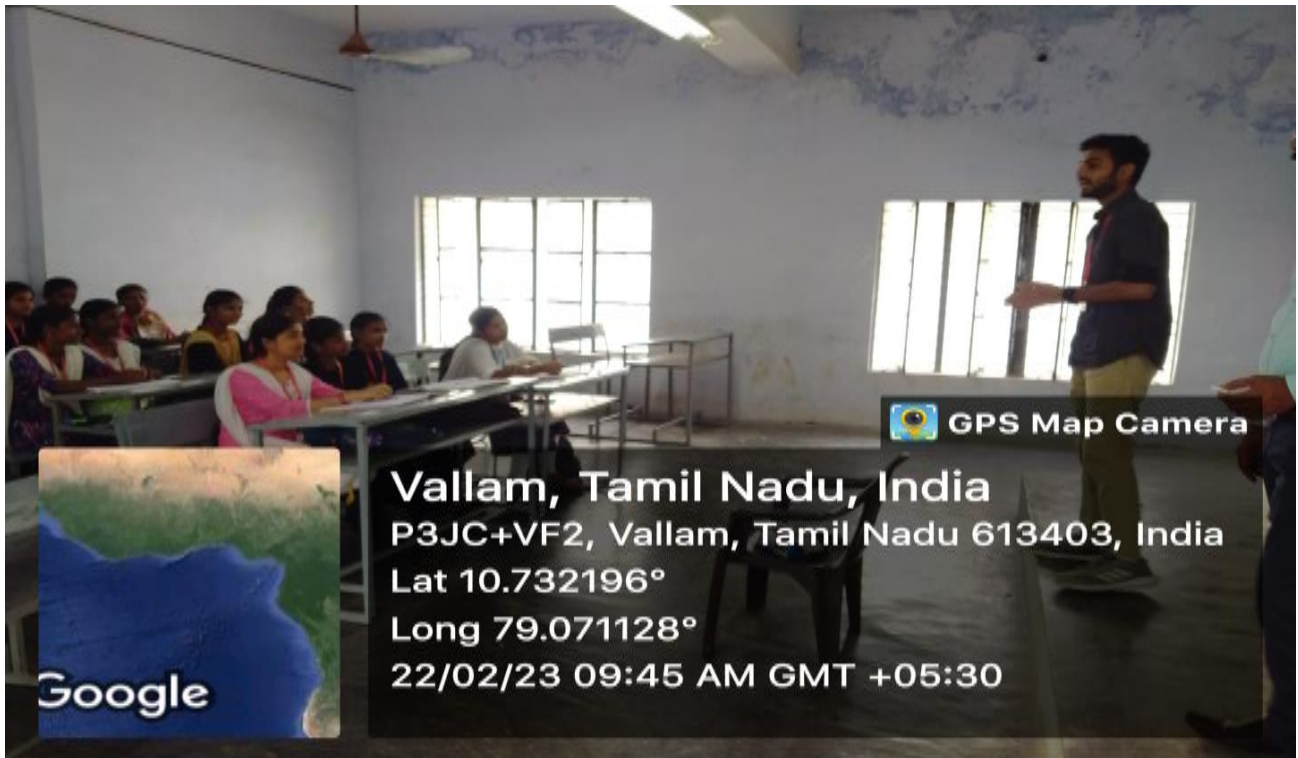
# DEPARTMENT OF LANGUAGES (TAMIL, ENGLISH, JMC)

<b>Topic / Nature of Work</b>	SPEECH DEVELOPMENT
<b>Date (if applicable)</b>	22.02.2023
<b>Guided by</b>	Dr.S.Leninkumar, Assistant Professor, Department of Languages
<b>Participants: Batch/ Year/ Semester/Section</b>	2022 batch I Bsc Maths, I Bsc Chemistry, I Bsc Physis

- HIGHLIGHTS THE IMPORTANCE OF DAILY NEWSPAPER READING





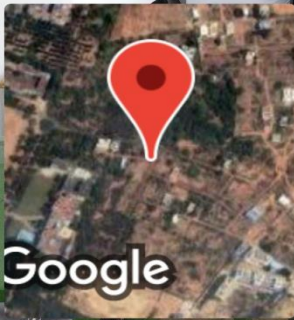


<b>Topic / Nature of Work</b>	Augustan To Romantic Age
<b>Date (if applicable)</b>	1 1.04.2022
<b>Guided by</b>	Ms.K.Bhavadharini
<b>Participants:</b> Batch/ Year/ Semester/Section	I M.A.,(ENG)

- Describes the difference of various ages in literature



GPS Map Camera



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