

Criteria-II- Teaching Learning and Evaluation

Key Indicator	2.3	Teaching Learning Process
Metric	2.3.1	Student Centric Method- Participative Learning

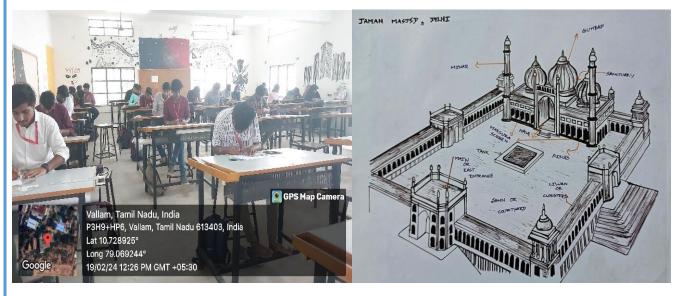
PARTICIPATIVE LEARNING

ACADEMIC YEAR 2023-2024

DEPARTMENT OF ARCHITECTURE

Course code:	XAR401
Course name:	History of Architecture-IV
Date:	19.02.2024

The students of II-year Batch 2022-27 were given an open book test, where they sketched the content and made description on the sketches and learnt the syllabus. The practice gave them a genuine understanding of the syllabus and be able to interpret, think critically, and present an organized and well written answer.



Sketched the content and made description on the sketches and learnt the syllabus

COLLABORATIVE JOINT STUDIO	The School of Building and Environment at Sathyabama Institute of Science & Technology partnered with the Faculty of Architecture and Planning at Periyar Maniammai Institute of Science & Technology to host Collaborative Studio Workshop CSW#02. This week-long workshop, focused on Design Thinking in architecture and interior design, brought together students from both institutions. The event took place at the PMIST Campus in Thanjavur, promoting collaborative learning and creative exploration. Coordinators: Prof. Dr.C.V.Subramanian, Professor/Arch Ar. Jasmine Vidhya K, HOD/Arch.
Date:	16.08.23 to 18.08.23



VALUE ADDED COURSE	Coordinators: Ar.S.Banazir Banu, Asst. Prof./Arch Ar.S.Vithyalakshmi, Asst. Prof./Arch. The Department of Architecture organized a value-added course on MEP (Mechanical, Electrical, and Plumbing) for fourth-year (Batch 2020-2025) 'A' and 'B' section students. The course took place from December 19 to December 23, 2023, enhancing student's knowledge of crucial aspects of building systems and services and providing practical insights and skills in MEP.
ORIGAMI WORKSHOP	An origami workshop was arranged by the Department of Architecture, specifically tailored for B.Arch students. This engaging session took place on September 13, 2023, offering a creative and hands-on learning experience.

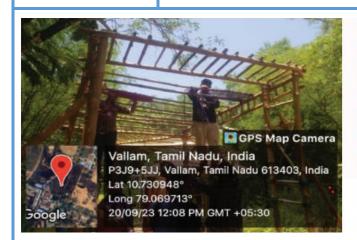




BAMBOO WORKSHOP

Students from diverse academic years within the Department of Architecture collaborated in a remarkable bamboo construction project at Gora Cottage. Their collective effort showcased both their dedication to sustainable design and their commitment to hands-on learning.

Coordinators: Ar.V.S.Kavitha–Dean i/c FAP and Ar.N.Ramesh Babu–Asso. Prof. / Arch. Date:20.09.23



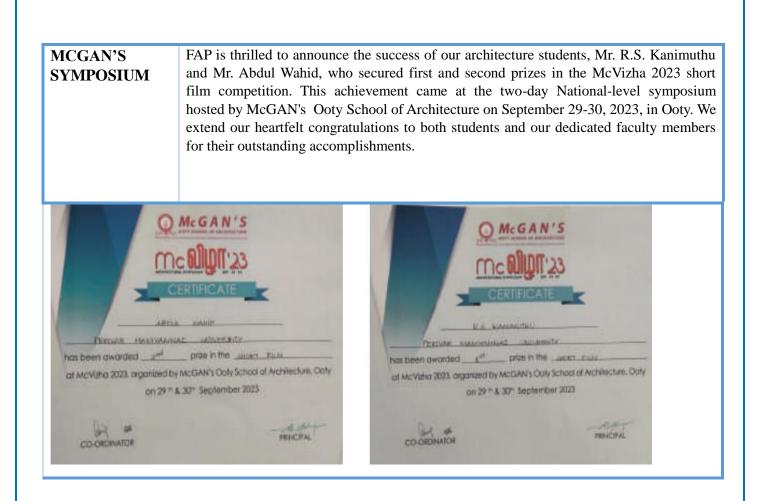


'EVOKE' National-level symposium

The students from the 2nd, 3rd, 4th, and 5th-year Architecture programs enthusiastically took part in the 'EVOKE' National-level symposium organized by Sasi School of Architecture, Coimbatore, from September 20th to 23rd, 2023. They showcased their talents across various categories, including sports, technical competitions, and on-the-spot events, securing an impressive 6 first-place awards and clinching the 2nd position overall. The distinguished Vice Chancellor, Registrar, and the dedicated Faculty of Architecture and Planning staff extended their heartfelt congratulations to all the students for their dedicated efforts. This achievement is a proud moment for the Faculty of Architecture and Planning







ICT ACADEMY TRAINING:

VALUE ADDED COURSE

A week-long value-added course was organised by the Department of Architecture in collaboration with the ICT Training Academy for 2nd and 3rd-year students, focusing on the software Revit. This training aimed to equip students with essential skills to enhance their design capabilities. The students were engaged throughout the week in hands-on learning, ensuring they could efficiently use Revit as a valuable tool in their architectural design projects. The training underscores the department's commitment to providing students with practical and relevant skills for their academic and professional growth.





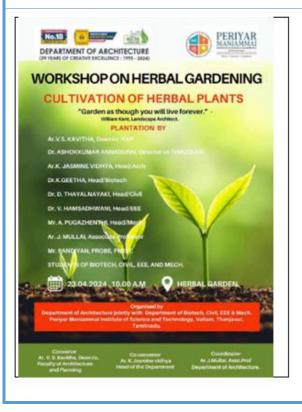


Department of Architecture and Planning, FAP

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PARTICIPATIVE AND LIFE LONG LEARNING	
Name of the Program:	Workshop on Herbal Gardening – Cultivation of
	plants
Date/Time:	23.04.2024
Place	Herbal Garden at PMIST
No. of Participants:	22
Description of the Program:	As a part of participative and lifelong learning, the Department
	of Architecture organised a workshop on herbal gardening and
	cultivation of plants at the Herbal Garden at PMIST on April
	23, 2024. The fourth year students (22) of Biotech, Civil, EEE,
	and Mechanical Batch 2020-24 cleared the site, dug the pitch,
	put the vermicompost in the pit, and planted the herbal plants in
	the herbal garden at PMIST Campus.
	Coordinator:
	Ar.Mullai.J
	Guests
	Ar.V.S. Kavitha, Dean i/c /FAP
	Dr. Ashokkumar Annadurai, director i/c (VMCQLER)
	Ar.K. Jasmine Vidhya, Head/Arch
	Dr.K.Geetha, Head/Biotech
	Dr. D. Thayalnayaki, Head/Civil
	Dr. V. Hamsadhwani, Head/EEE
	Mr. A. Pugazhenthi, Head/Mech
	Mr. Pandiyan, PROBE, PMIST,





PARTICIPATIVE LEARNING	
Date	27.03.2024
Faculty Accompanied / Guided by	Ar.J.Mullai, Associate Professor, Department of Architecture Ar.S.Sreebavithraa, Assistant Professor, Department of Architecture Ar.S. Balahari Krishnan, Assistant Professor, Department of Architecture
Participants	2023-28 Batch / I Year / I Semester / A
Description	The course teacher introduced the contour model making problem sheet for participative exercise. Students of 1 ST (2023 - 28 Batch) year actively participated and learned characteristic of contour and created the Contour Model.



DEPARTMENT OF AEROSPACE ENGINEERING

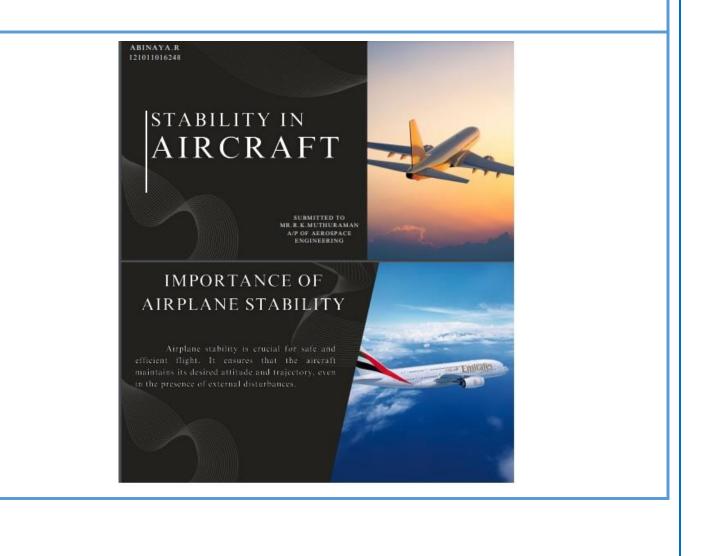
Topic / Nature of Work	Poster Presentation
Date (if applicable)	08.04.2024 to 18.04.2024
Guided by	Mr.R.K.Muthuraman, AP(SS)/Aerospace Engineering
Participants: Batch/ Year/ Semester/ Section	2021-2025/II/VI/A

A team of students were allowed to take up topics on their own related to the Aircraft instabilities and its control. The students were encouraged to go through available books and online resources to make a Poster and submit it as hardcopy and to explain it to other teams.



Topic / Nature of Work	Seminar Presentation
Date (if applicable)	15.03.2024 to 31.03.2024
Guided by	Mr.R.K.Muthuraman, AP(SS)/Aerospace Engineering
Participants: Batch/ Year/ Semester/Section	2021-25/II/VI/A

Topics related to Aircraft stability and its controls was allotted to the students as per the course – XAS602 Flight Dynamics. The students were encouraged to go through available books and online resources to make a presentation related to that topic and present it before the other students.



DEPARTMENT OF BIOTECHNOLOGY

Topic / Nature of Work	Participation in the Research Experiment
Date (if applicable)	11.10.2023
Guided by	Dr.K. Anbarasu, Assistant Professor, Department of Biotechnology.
Participants: Batch/ Year/ Semester/Section	B.Tech: 2022-2026/II/3/A

Students pursuing B.Tech (Batch 2022-2026/Year II/Sem 3/Sec A) actively engaged in a research experiment focusing on the "Assessment of antimicrobial activity in natural spices." Through this **participative learning activity**, the students actively contributed to the learning process, enabling them to cultivate their own concepts and gain practical experience in substantiating their hypotheses.



Topic / Nature of Work	SEMINAR
Date (if applicable)	17.11.23
Guided by	Ms.S. Keerthana Assistant professor/ Department of Biotechnology
Participants: Batch/ Year/ Semester/Section	UG: 2022-2025/II/III

B. Tech Biotechnology 2nd year students have given seminars on various genetic disorders. Students have prepared PPT for their respective topics and delivered the seminar in insightful way. Students were actively participated in the learning process. Through this participative learning activity, Students have gained more knowledge about various rare, lethal genetic diseases which are uncommon and unfamiliar in general.

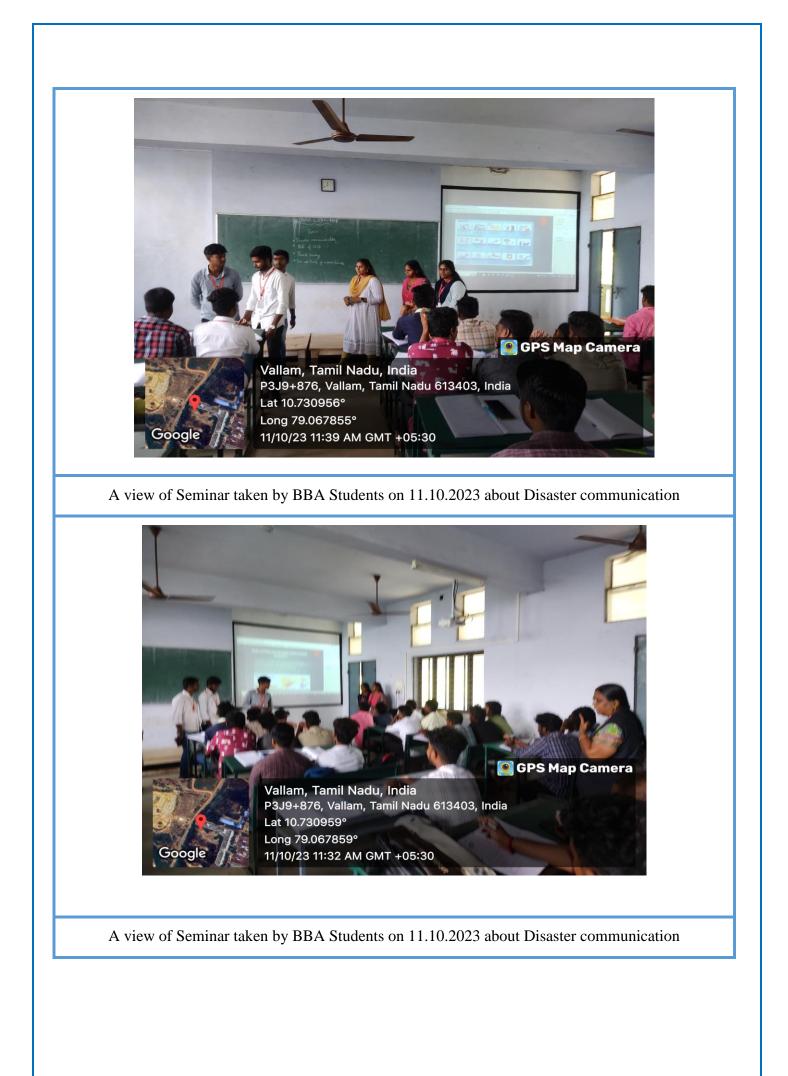


DEPARTMENT OF CIVIL ENGINEERING

Topic / Nature of Work	Seminar by Students - Disaster Communication, Role of GIS and Remote sensing in Disaster management
Date	11.10.2023
Guided by	Dr.A.Tamilmani, AP (SG)/Civil
Participants: Batch/ Year/ Semester/Section	Batch 2022-2025 BBA (HM & LSCM) II /III

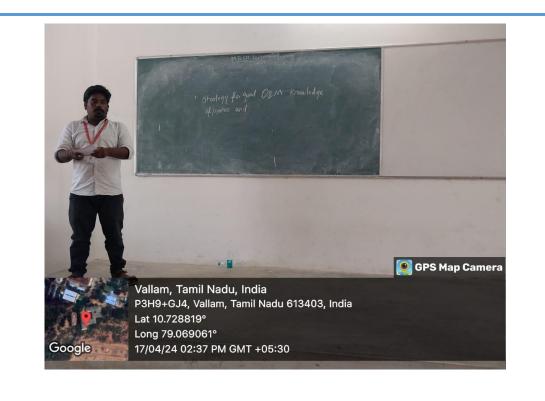
• The students gave a seminar about Disaster Communication, Role of GIS, Remote sensing

Communication during and immediately after a disaster situation is an important component of response and recovery, in that it connects affected people, families, and communities with first responders, support systems, and other family members. All disaster emergencies and crisis events are by nature chaotic and highly dynamic, creating physical, emotional, and social disorder. In such crisis events and emergencies, communications are critical at all phases of disaster management. Communications during emergencies incorporates a wide range of measures to manage risks to communities and the environment. Before disasters strike, telecommunications can be used as a conduit for disseminating information about the impending danger thus, making it possible for people to take the necessary precautions to mitigate the impact of these hazards. Other telecommunication applications, including Geographic Information System (GIS) Remote sensing and global positioning system (GPS), have critical roles to play in tracking approaching hazards, alerting authorities and warning.



Topic / Nature of Work	Transport of Water and Waste Water / SEMINAR
Date	17.04.2024
Guided by	Dr.D.Thayalnayaki, Asst. Prof. (SG)
Participants: Batch/ Year/ Semester/Section	2023-2025 / I M.Tech Environmental Engineering

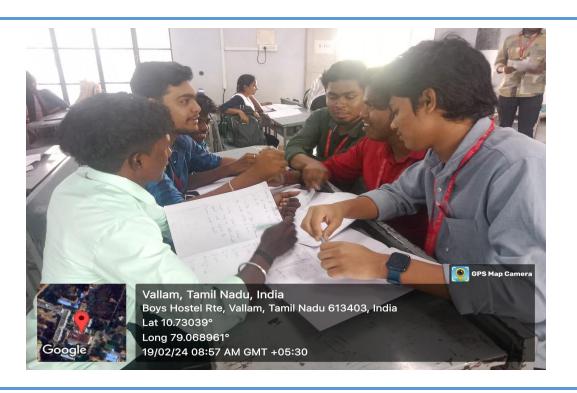
• Mr.S.Balaji, I Year, M.Tech Environmental Engineering student take the seminar on "Sewer Materials and Appliances" . He explained the various types of sewer materials and their advantages and disadvantages.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

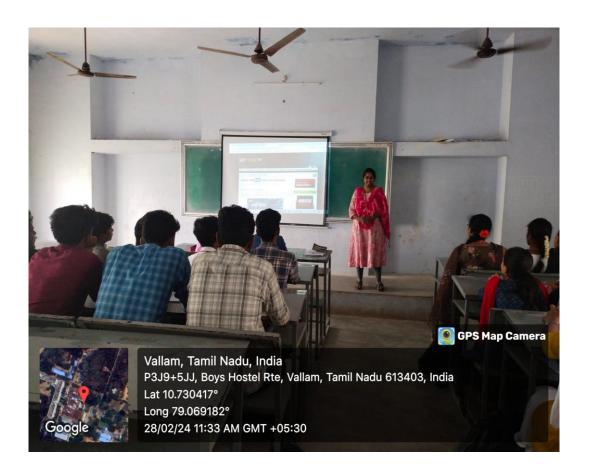
Topic / Nature of Work	Group Discussion by Students
Date	19.02.2024
Guided by	Ms.B.Priyanka, AP/ECE
Participants: Batch/ Year/ Semester/Section	II / B.Tech / ECE / A

Students have participated in Group Discussion on Applications of Analog Integrated Circuits. Students were actively **participated** in the learning process. Through this **participative learning activity**, they developed their own ideas and got experience to prove their assertions.



Topic / Nature of Work	Seminar
Date (if applicable)	28.02.2024
Participants: Batch/ Year/ Semester/Section	UG: 2021-2025/III/VI

B.Tech(2021-2025/III/VI/A) students have participated in presenting Seminar on the topic of how to simulate microwave components using HFSS software. Students were actively **participated** in the teaching process. Through this **participative learning activity**, they developed their own ideas and got experience in presenting topics and in future they can simulate and develop a paper in microwaves.



Topic / Nature of Work	Group Discussion
Date (if applicable)	26.03.2024
Guided by	Ms.S.Hemambujavalli, Assistant Professor, Department of ECE.
Participants: Batch/ Year/ Semester/Section	UG: 2022-26 /II/IV/A

ECE (2022-26 /II/IV /A) students have participated in group discussion with their team on topic Laplace Transform. Students were actively **participated** in the learning process. Through this **participative learning activity**, they developed their depth knowledge about this topic and also improves their communication skills and team work.



DEPARTMENT OF MECHANICAL ENGINEERING

Topic / Nature of Work	Quiz
Date (if applicable)	05/02/2024
Guided by	Dr.D.Jeyasimman, Professor
Participants: Batch/ Year/ Semester/Section	2022/II/IV/A
Description : Participative Learning – XME 402-Applied Thermodynamics-Ouiz of various Power	

Description : Participative Learning –XME 402-Applied Thermodynamics-Quiz of various Power Cycles with Processes on 5/02/2024



Image showing the Participative Learning –XME 402-Applied Thermodynamics-Quiz of various Power Cycles with Processes

Topic / Nature of Work	QUIZ	
Guided by	Mr.R.Udhaya sankar, Assistant Professor, Department of Mechanical	Engineering
Participants: Batch/ Year/ Semester/Branch/ Section	2022-25 / II / IV / BCA / A,B.C/ B.Com / A,B/ B.Sc. / CS / A,B/ B.Co /B.Sc. / DS / A/ B.Sc. / AI /	m(CA) / A
XMEOE4 ENERG	Y STUDIES QUIZ	
In the contex the United Sta	t of energy efficiency, what does CAFE standards stand for in ates	1 point
🔿 A) Clean A	Air Fuel Economy	
B) Corpora	ate Average Fuel Economy	
O C) Carbon	Assessment for Fuel Efficiency	
O D) Central	lized Automotive Fuel Efficiency	
	pheric gas plays a crucial role in trapping and re-radiating tion, contributing to the greenhouse effect?	1 point
A) Oxyger	1	
O B) Nitroge	en	
C) Carbon	Dioxide	
O D) Argon		

Topic / Nature of Work	A webinar on Book to Ball in the context FEM to FEA
Date	03.10.2023
Guided by	 Resource person: Dr. Thamarai Selvan, Assistant Professor, NIT Warangal Coordinators: Mr. A.Pugazhenthi, AP(SS)/Mech. & Mr. A. Mohamed Ismail, AP/Mech.
Participants: Batch/ Year/ Semester/Section	2020-24 / IV / VII / A

• The concepts related to Mathematical modelling of physical systems by breaking down into smaller elements and solving the same were covered. Simulation tools incorporating Finite Element concepts were explained for simple example cases.



Invitation

Image showing the participants attending the session

Topic / Nature of Work	Unique valued Problems involving fluid properties.
Date	22.04.2024
Guided by	Mr. Shivakumar N, Assistant Professor (SS), Department of Mechanical Engineering
Participants: Batch/ Year/ Semester/Section	2022-2026 /II/IV/A

II Year B. Tech. Mechanical Engineering students were formed into groups, and they discussed how to solve a given fluid mechanics problem with different values.



Topic / Nature of Work	Quiz
Date	14.03.2024
Guided by	Mr.C.M.Vivek AP (SS), Department of Mechanical Engineering
Participants: Batch/ Year/ Semester/Section	2022-2026/II/IV/A

• Students Participated in Online Quiz conducted through mobile app

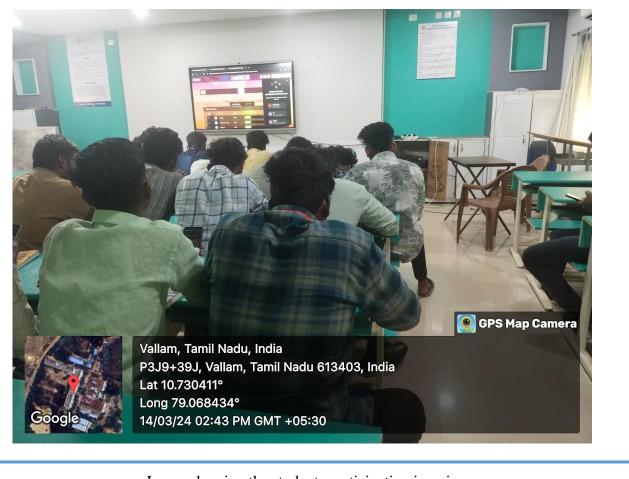


Image showing the students participating in quiz

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

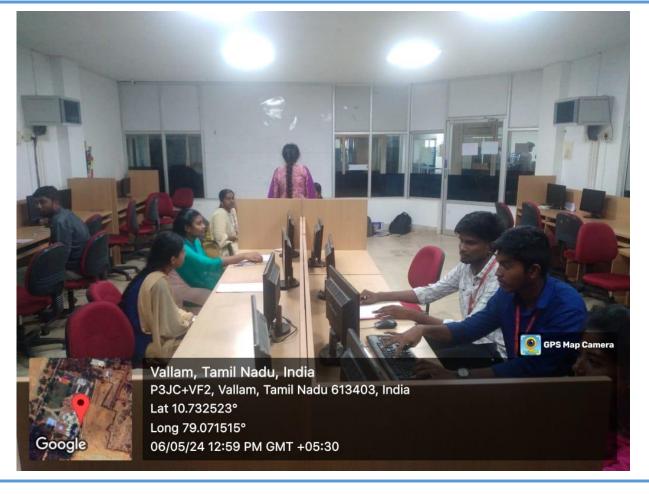
Topic / Nature of Work	Project Presentation
Date	15.03.2024
Guided by	Ms. A.V.M.B. ARUNA, Assistant Professor, Department of Computer Science and Engineering.
Participants: Batch/ Year/ Semester/Section	2020-2024/ IV / VIII

B.TECH. (2020-2024/IV/VIII) students have participated in Project Presentation. Students were actively **participated** in the learning process. Through this **participative learning activity**, they developed their own ideas and got experience to prove their assertions.



Topic / Nature of Work	Projects in Compiler Design
Date (if applicable)	06.05.2024
Guided by	Ms.S.Gomathi, Assistant Professor, Department of Computer Science and Engineering.
Participants: Batch/ Year/ Semester/Section	2021-2025 / III / VI

Students have participated in Mini project on compiler design of CSE.



Topic / Nature of Work	Seminar Presentation
Date (if applicable)	22.04.2024
Guided by	Ms.K.Anitha, Assistant Professor, Department of Computer Science and Engineering.
Participants: Batch/ Year/ Semester/Section	2020 -2024 / IV / VIII

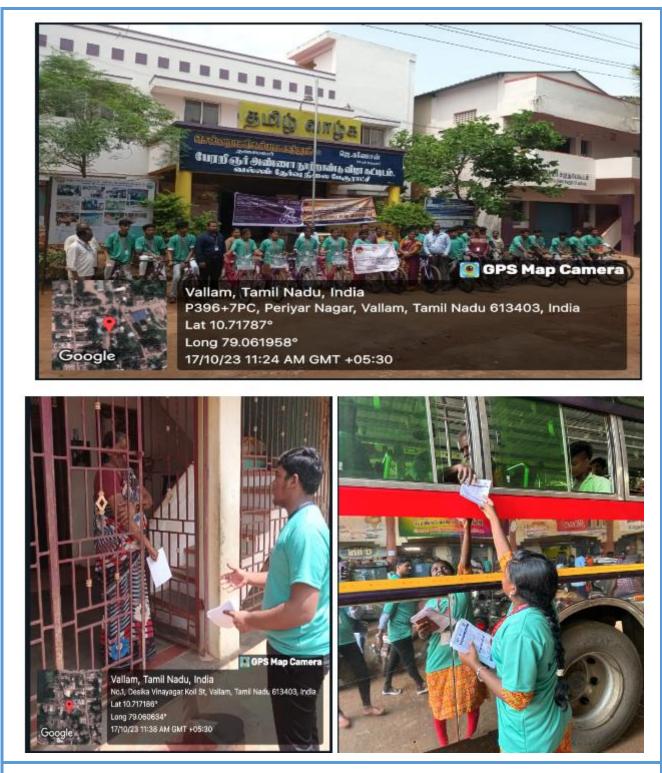
The students explored that Web Design is the process of creating and arranging visual elements, content, and functionality on websites to ensure an engaging, user-friendly experience. It combines layout, color schemes, typography, and responsive design to make websites visually appealing and easy to navigate across all devices.



DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

Topic / Nature of Work	CYCLING FOR RECYCLING / A RALLY AGAINST ACCRUING E-WASTE
Date (if applicable)	16.10.2023 to 17.10.2023
Guided by	Mr. P. Karthik, Assistant Professor, Department of Computer Science and Applications
Participants: Batch/ Year/ Semester/Section	2023-26 / I / I / B.Sc Data Science, BCA A, BCA B, BCA C & BCA Shift II

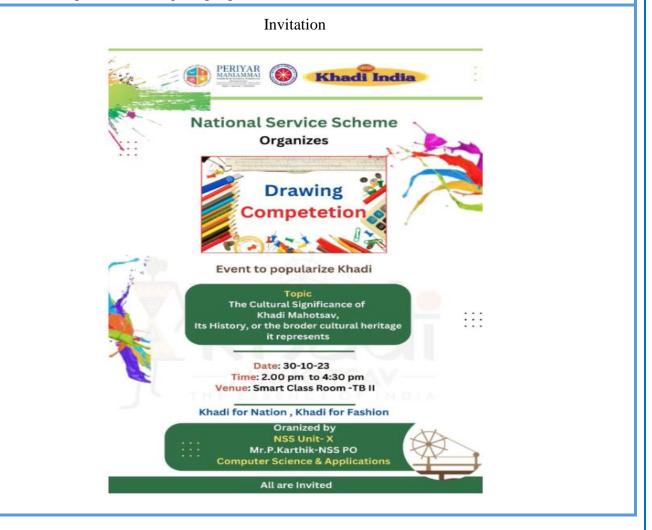
CENTRE FOR ENERGY AND ENVIRONMENT jointly organized a Program on 17th October 2023 "Cycling for Recycling" at PMIST Campus To Vallam. The main objective of the program is to create awareness about the E-waste among the people

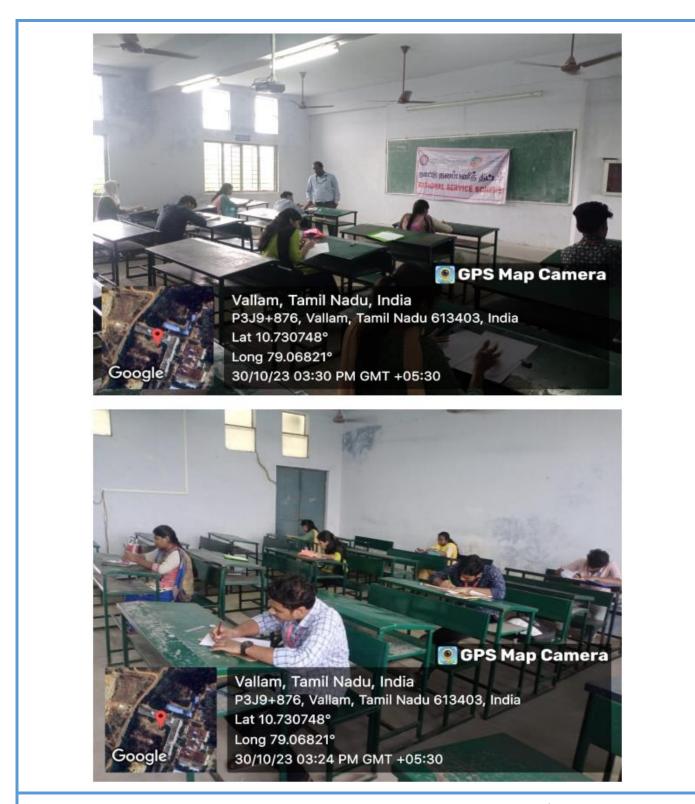


Students actively participated in this E-waste Cycle Rally and more than 352 people got benefitted

Topic / Nature of Work	KHADI MAHOTSAV DRAWING COMPETITION.
Date	30.10.2023
Guided by	Mr. P. Karthik, Assistant Professor, Department of Computer Science and Applications.
Participants: Batch/ Year/ Semester/Section	2023-2026 / I / I

Department of CSA organized a Program on 30th October 2023 "KHADI MAHOTSAV DRAWING COMPETITION" at PMIST Campus. The main objective of the program is to create awareness about the Kadhi and its products among the people



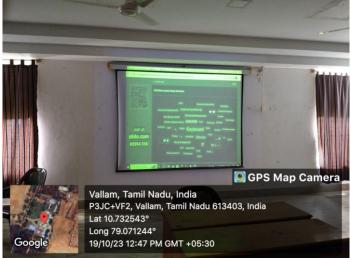


"KHADI MAHOTSAV DRAWING COMPETITION" conducted on 30th October 2023

DEPARTMENT OF SOFTWARE ENGINEERING

Topic / Nature of Work	Seminar on Basic Units of Computer
Date (if applicable)	13.10.2023 - 19.10.2023
Guided by	Dr. P. Anusha AP/ Computer Science
Participants: Batch/ Year/ Semester/Section	2023-2026 / I/I/B





DEPARTMENT OF MATHEMATICS

Topic / Nature of Work	Seminar on Lagrange's Linear equation
Date (if applicable)	18.08.2023
Guided by	Dr.A. Sasikala Associate Professor, Department of Mathematics
Participants:	2022-26 Batch / II Year / III Semester / EEE A Section
Batch/ Year/ Semester/Section	
Course Code/ Course Name	XMA301 Transforms and Partial Differential Equations
Description	R. Sundar, the students of B.Tech EEE, II Year / III Semester took a seminar on the topic of "Lagrange's linear equation". 44 students attended the seminar. The main purpose of the seminar is to develop and improve specific skills related to the topic being discussed, such as technical skills, or professional competencies.
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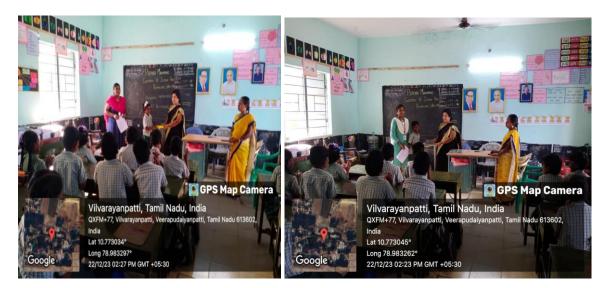
Topic / Nature of Work	Outreach Activity National Mathematics Day - 2023
Venue	Adi Dravidar Welfare Primary School, Vilvarayanpatti, Thanjavur
Date	22.12.2023
Participants: Batch/ Year/ Semester/Section	2021-2023 / II Year (M.Sc -Maths) / IV sem / A Sec. 2022-2024 / I Year (M.Sc-Maths) / II sem / A Sec. 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.

Brochure





Ms. B. Sri Ranjani & Ms. V.Poovila are delivering the lecture to the students of ADW School, Vilvarayanpatti, Thanjavur



Ms. M.A. Aarthi, HM and the staff members of the school distributing the prizes

DEPARTMENT OF PHYSICS

Topic / Nature of Work	NATIONAL SCIENCE DAY
Date (if applicable)	16.10.2023 - 17.10.2023
Participants: Batch/ Year/ Semester/Section	2022-2024 / II / III
J Abinaya, KR Shalini, and G.Gayathri students participated and presented a paper in the National	

Conference on Recent Advancements in applications of Nanomaterials on 16th & 17th October 2023 at Bon Secours College for Women and A. V. V. M. Sri Pushpam College, Thanjavur. .



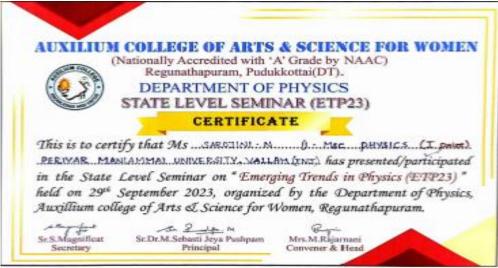
Topic / Nature of Work	Physics with Fun Contest FOPHY 2024
Date (if applicable)	14.03.2024
Participants: Batch/ Year/ Semester/Section	2023– 2025 / I/ II
K Usha, R. Prasanna (M.Sc) and M. Janani, N. Kanimozhi (B.Sc) student participated in Physics with Fun Contest FOPHY 2024.	



Topic / Nature of Work	State Level Seminar
Date (if applicable)	29.09.2023
Participants: Batch/ Year/ Semester/Section	2022-2024 / I / II Sem

N. Sarojini and AN Ranjani, M.Sc student participated in State Level Seminar Emerging Trends in Physics held on 29th September 2023 organized by the Department of Physics, Auxillium College of Arts & Science for Women, Regunathapuram.





Topic / Nature of Work	International Conference on Light Application
Date (if applicable)	14.09.2023 to 16.09.2023
Participants: Batch/ Year/ Semester/Section	2022-2024/II /III



Topic / Nature of Work	International Conference on Progress in Materials Science for Sustainable energy Environment and Health
Date (if applicable)	06.03.2024 to 07.03.2024
Participants: Batch/ Year/ Semester/Section	2022-24/II /IV Sem

N.Sarojini and AN Ranjani, II M.Sc. Physics student participated and presented a paper in poster presentation in the first international conference on Progress in Materials Science for Sustainable energy Environment and Health jointly orga1nized by the Department of Physics, PMIST, and A.V.V.M Sri Pushpam College, Poondi, Thanjavur during 06 & 07 March 2024.



DEPARTMENT OF CHEMISTRY

Topic / Nature of Work	NATIONAL SCIENCE DAY
Date (if applicable)	28.02.2024
Guided by	Dr.G.Manivannan
Participants: Batch/ Year/ Semester/Section	2022-2024/II / IV/A
D.Yazhini, participated in poster presentation and won the first prize during National Science Day 2024	

competition organized by PMIST.



Topic / Nature of Work	Webinar on Highest education Opportunities & Latest Research in integrated micro fluid, Bio Chips polymer design for Drug Delivery and organic synthesis
Date (if applicable)	15.09.2023
Guided by	Dr.A.Manohar
Participants: Batch/ Year/ Semester/Section	2022-2024/II/IV/A

II M.Sc Student Ramesh Aravinth S participated in the webinar on Highest education Opportunities & Latest Research in integrated micro fluid, Bio Chips polymer design for Drug Delivery and organic synthesis on 15.09.2023



DEPARTMENT OF COMMERCE

Topic / Nature of Work	Group Discussion by Students
Date (if applicable)	19.10.2023
Guided by	KMehala, Assistant Professor, Department of Commerce.
Participants: Batch/ Year/ Semester/Section	2021-2024/III/VI

B.Com(Hons) (2021-2024/III/VI/A) students have participated in Group Discussion in Accounting for decision making Problems. Students actively **participated** in the learning process. This **participative learning activity** encouraged them to understand and apply accounting concepts in decision making through group discussion and debate.



Topic / Nature of Work	FIELD VISIT
Date (if applicable)	29.03.2024
Guided by	K.SUMITHRA, Assistant Professor, Department of Commerce
Participants: Batch/ Year/ Semester/Sectio n	2023-2024 /I/II/A

B.Com (PA) (2023-2026/I/II/A) students visited Meton Industry at Coimbatore. This aided their exposure in inventory maintenance.



DEPARTMENT OF EDUCATION

Topic / Nature of Work	Educational Tour - Ramakrishna Mission Vivekananda Educational and Research Institute, Coimbatore
Date (if applicable)	27.04.2023
Guided by	Mr. R.Natarajan Assistant Professor, Department of Education
Participants: Batch/ Year/ Semester/Section	2022-2024 / II /IV/A

Visit to Ramakrishna Mission Vivekananda Educational And Research Institute



Physiotherapy Unit at Ramakrishna Mission Vivekananda Educational And Research Institute



Topic / Nature of Work	Role Play Scenario
Date	07.02.2024
Guided by	Mr. M.Karthick, Assistant Professor, Department of Education
Participants: Batch/ Year/ Semester/Section	2020-2024 / IV/VII/ A

IV year B.Sc. B.Ed Student Kanika Acted as Counsellor for counselling session -

Dr. S. Srinivasan Participated as mentor for the session.

