



**PERIYAR
MANIAMMAI**
UNIVERSITY OF SCIENCE & TECHNOLOGY
Periyar Maniammai University of Science & Technology
Kannur - 690 009, Kerala
WISDOM • KNOWLEDGE • INNOVATION

FAP FLASH

JULY 2024 - DEC 2024

Volume 02 Issue 01



LECTURE, SEMINARS & WORKSHOP

DEEKSHARABHM 2024

The Department of Architecture has organized Deeksharabhm 2024 - student's induction program for the first-year students batch (2024-29) from 01.08.2024 to 07.08.2024



ANTI RAGGING AWARENESS PROGRAMME

In line with Anti-ragging day, the Department of Architecture has organized an Anti-Ragging Awareness programme on 12.08.2024. Dr. C.V. Subramanian, Director CSAS & Convenor of the Anti-Ragging Cell, addressed the students, providing awareness on all the actions that account for ragging and the consequences.

Faculty Coordinator:

Ar. Uma Mouthiga E. Asst. Prof./Arch





WORKSHOP - COLOR THEORY

The Department of Architecture organized a workshop on colors—Pot Painting—for the open elective students of the course color theory on 28.08.2024.

Faculty Coordinator.

Ar. Chithra K, Asst. Prof. / Arch





EXPERT LECTURE SERIES

DAMP-PROOFING AND WATERPROOFING TECHNIQUES

Dr. Arul Mahesh V., Managing Director, DOV CHEM Private Ltd.

Date: 26.08.2024
Time: 09.00 AM - 12.00 PM
Venue: Auditorium 1 & 2

Co-Chairman
Dr. Arul Mahesh V., Managing Director, DOV CHEM Private Ltd.

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Dr. Arul Mahesh V., Managing Director, DOV CHEM Private Ltd.

EXPERT LECTURE

The Department of Architecture organized an Expert Lecture Series # 001 on 26.08.2024. Er. Arul Mahesh.V., Managing Director of DOV CHEM Private Ltd. at Chennai and Trichy, was invited for this session on damp proofing and waterproofing techniques that can be adopted in various structural elements. He has shared his expertise in addressing building leakage, bridge restoration, heritage building refurbishment, and waterproofing projects.

Faculty Coordinators:

Er. Latha R, Asst Prof. / Arch

Ar. Pratheebs.S, Asst. Prof. / Arch



PRE- RESEARCH SUMMIT 2024

The final-year BArch students 77 nos of Batch 2020-25 participated in the Pre-Research Summit. Students Project Proposals/Protocols' Poster Presentations held at the Indoor Multipurpose Auditorium from 03.09.2024 to 06.09.2024, organized by The Office of Research & Development, presented their dissertation topics, which were reviewed by evaluators, and the students got benefitted.

Program Facilitator:

Prof. Balakumar Pitchai, Director, Research Training & Publications at the Office of Research & Development



ARCHITECTS DAY & TEACHERS DAY

The Department of Architecture has organized a triune celebration in line with Architects day, Teachers day and inviting the first-year students on 10.09.2024 at Le Corbusier Hall. Ar. Subramanian S, Principal Architects, SS Associates, Trichy along with Ar. Kavitha V.S, Dean/FAP, addressed the students and faculty members on this occasion.

Coordinators: Ar. Suganthi S, Asst Prof (SS) / Arch and Fopears—Architecture Students Council

WORKSHOP - WALL MURAL

The Department of Architecture has organized a wall mural workshop as a preparatory activity for the Architectural Symposium through exploring the mural work on the department front wall. Artist Dharmaraja was invited as a resource person for the four days wall mural workshop from 19.09.2024 to 24.09.2024.

Faculty Coordinators:

Ar.Kavitha V.S , Dean / FAP

Ar. Jasmine Vidhya K, HoD / Arch

Ar.Kiruthiga R, Asst Prof. / Arch



ARCHITECTURAL SYMPOSIUM



The Department of Architecture has organized the architectural symposium named "Why? AN ARCHITECTURAL ZEST QUEST," comprising of vibrant technical and non technical events, held on 03.10.2024 and 04.10.2024, attracting over 400 participants from across the region. Eight prestigious institutions participated, with 120 student delegates and 11 faculty members contributing to the dynamic exchange of ideas.

Faculty Coordinators:

Ar. Uma Mouthiga E, Asst Prof. / Arch

Ar. Kiruthiga R, Asst Prof. / Arch





WORKSHOP: BAMBOO PRODUCT DESIGN

The Department of Architecture has organised a Bamboo Product design Workshop for the students on 17.10.2024

Faculty Coordinators:

Ar. Ramesh Babu N, Asso Prof. / Arch

Ar. Mullial J, Asso Prof. / Arch



EXPERIENTIAL LEARNING

CASE STUDY VISIT

The Department of Architecture has organized a case study visit on 07.08.2024 for the IV Year students of Architecture (Batch 2021-26) in line with designing a Resort as part of their Architectural Design VII, at Ocean Spray Resort, Puducherry

Faculty Coordinator:

Ar. Chithra K, Asst Prof/ Arch

SITE VISIT

The Department of Architecture has organized a Site study visit on 07.08.2024 for the III Year students of Architecture (Batch 2022-27) to study mixing proportion of the concrete, mixing, transporting, placing of concrete and Reinforcement detail of the building components, at the Vallam slum clearance board construction site as part of course Materials and Construction – V and Design of structures - II

Faculty Coordinators:

Ar. Mullai J, Asso. Prof. / Arch

Er. Latha R, Asst. Prof. / Arch





CASE STUDY VISIT

The Department of Architecture, as part of experiential learning, has organized a case study visit on 16.08.2024 for the II Year students of Architecture (Batch 2023-28) in line with designing a Residence as part of their Architectural Design III, to residential projects by Murali Architects, Chennai

1. Jiglic Vista Residence, Poonamallee, Chennai
2. Jefferey Residence, ECR, Chennai

Faculty Coordinators:

Ar. Jasmine Vidhya K, Head / Arch

Ar. Uma Mouthiga E, Asst Prof. / Arch



SITE STUDY

The Department of Architecture has organized a Site study visit on 09.08.2024, 16.08.2024 & 22.08.2024 for the Vth Year students of Architecture (Batch 2020-25) to study the feasibility of the site at Samiappa Institute Cooperative Management, Medical College Road, Thanjavur as part of their Architectural Design IX.

Faculty Coordinators:

Ar. Ramesh Babu N, Asso. Prof. / Arch

Ar. Mullai J, Asso. Prof. / Arch

Ar. Suganthi S, Asst. Prof (SG). / Arch

CASE STUDY VISIT

The Department of Architecture has organized a case study visit on 22.08.2024 & 23.08.2024 for the III Year students of Architecture (Batch 2022-27) in line with designing a Shopping mall as part of their Architectural Design IV, at Phoenix Market city & VR Mall Bengaluru

Faculty Coordinators:

Ar. Vithyalakshmi S, Asst Prof. / Arch

Ar. Pavithra M, Asst Prof. / Arch





CASE STUDY VISIT

The Department of Architecture has organized a case study visit to Mahindra World City and Hiranandani at Chennai for the course of XAR906/Architectural Design-VI on 18.09.2024. & 19.09.2024. Students gained the knowledge on spatial requirements and spatial organization at building and site level, service arrangements in high rise buildings and also about green building certifications.

Faculty Coordinators:

Ar. Ramesh Babu N, Asso. Prof. / Arch

Ar. Mullai J, Asso. Prof. / Arch

Ar. Suganthi S, Asst. Prof (SG). / Arch



CASE STUDY VISIT

The Department of Architecture has organized a case study visit for the IVth Year Students of Architecture (Batch 2021-26 A Sec- 36 no. of students) in line with designing an institutional campus design (Studio project), at RV College of Architecture, Bangalore on 22.10.2024.

They have visited and understood the campus planning, spatial configuration, circulation, building services, interior designing, site level planning, interaction spaces, and behavioral pattern of students.

Faculty Coordinators:

Ar.Chithra K, Asst Prof. / Arch

Ar.Prakash B Asst Prof. / Arch



CASE STUDY VISIT

The Department of Architecture has organized a case study visit for the IVth Year Students of Architecture (Batch 2021-26 A Sec- 36 no. of students) in line with designing an institutional campus design (Studio project), at NIFT Campus, Bangalore on 21.10.2024.

They have visited, and understood the campus planning, spatial configuration, circulation, building services, interior designing, site level planning, interaction spaces, and behavioral pattern of students.

Faculty Coordinator:

Ar.Chithra K, Asst Prof/ Arch

Ar.Prakash B Asst Prof/ Arch

SITE STUDY

The Department of Architecture, as a part of experiential learning, has organised a case study visit to the cold storage, Indoor stadium and Recording Studio at PMIST for the IVth Year students of Architecture on 06.11.2024. Through this Experiential Learning Activity, students had an opportunity to explore insulation materials and construction techniques. They have visited a cold storage unit at Girl's hostel kitchen at PMIST, Vallam and gained knowledge about thermal insulation technique adopted for floor, wall, and ceiling of cold storage unit.

Faculty Coordinators:

Ar. Pratheeba S, Asst Prof. / Arch

Er. Latha R, Asst Prof. / Arch



SITE STUDY

The Department of Architecture has organised a Site study visit to Timber saw mill for II Year B.Arch. students on 13.11.2024. Through this visit, the students were exposed to natural seasoning of timber, defects of timber, and how to stack the timber logs. Also, they gained knowledge about how the age of the timber is calculated and how good timber is identified for the wooden construction.

Faculty Coordinators:

Ar. Kiruthiga R, Asst Prof. / Arch

Ar. Pavithra M, Asst Prof. / Arch





EXTENSION ACTIVITIES

GRAMA SABHA MEET



In line with 78th Independence Day, Department of Architecture, B.Arch Students of II , III & V Year (15) and faculty members participated in the Grama Sabha meetings of UBA at South Palayapatti.

Faculty Coordinator:

Er. Latha R, Asst Prof. / Arch

TREE PLANTATION

As part of Extension Activity, and in line with the 78th Independence day, the Department of architecture has organized a tree plantation programme at South Palayapatti on 15.08.2024.

Faculty Coordinator:

Er. Latha R, Asst Prof. / Arch





ARCH FREAKS



ARCH FREAKS

The Department of Architecture's student's activity "Arch Freaks" is organized on every working Saturday. As part of the same Arch Freak – Art Apparel Competition was organised by FoPEARS- Architecture Students Organization on 27.07.2024. Students painted T-shirts under various Architectural Themes.

Faculty Coordinator:

Ar. Uma Mouthiga E, Asst Prof / Arch



ARCH FREAKS

The Department of Architecture- student's activity "Arch Freaks" is organised on every working Saturdays. As part of the same Arch Freak - Trashion Show was organised by FoPEARS- Architecture Students Organisation on 10.08.2024. Students designed fashion apparels made of trash materials and walked the ramp exhibiting their creativity.

Faculty Coordinator:

Ar. Uma Mouthiga E, Asst Prof/ Arch



ARCH FREAKS

The Department of Architecture - student's activity "Arch Freaks" is organised on every working Saturdays. As part of the same Arch Freak - Studio Painting was organized by FoPEARS- Architecture Students Organization on 24.08.2024. Students have painted the studio walls under various art and architectural concepts.

Faculty Coordinators:

Ar. Jasmine Vidhya K, Head / Arch

Ar. Uma Mouthiga E, Asst Prof. / Arch

STANDARD 100% APPROVED
BY THE UNIVERSITY OF APJ KJ SOMAIYA



FoPEARS

Architecture Students Organization
ARCH FREAKS

LOGO DESIGN CONTEST

SUBMISSION DATE : 20 AUGUST



ARCH FREAKS

The Department of Architecture - student's activity Arch Freaks is organised on every working Saturdays. As part of the same Arch Freak - Online Logo Competition was organized by FoPEARS- Architecture Students Organization on 24.08.2024. Students have designed logo for the upcoming Architectural symposium named WHY.

Faculty Coordinators:

Ar. Kavitha V.S, Dean / FAP

Ar. Kiruthiga R, Asst Prof. / Arch

ARCH FREAKS

The Department of Architecture - student's activity "Arch Freaks" is organized on every working Saturdays. As part of the same Arch Freak -Frames, an art installation was organized by FoPEARS- Architecture Students Organization on 31.08.2024. Students created a hanging installation showcasing the portraits of famous Master Architects.

Faculty Coordinators:

Ar.Kiruthiga R, Asst Prof. / Arch

Ar.Prakash B, Asst Prof. / Arch





ARCH FREAKS

The Department of Architecture - student's activity "Arch Freaks" is organised on every working Saturdays. As part of the same Arch Freak - Crafting of Why? was organized by FoPEARS- Architecture Students Organisation on 14.09.2024. Students worked on the preparatory activity of the department for the upcoming symposium.

Faculty Coordinators:

Ar.Chithra K, Asst Prof. / Arch

Ar.Latha R, Asst Prof. / Arch



FACULTY DEVELOPMENT ACTIVITIES

MENTORSHIP WORKSHOP

All the faculty members of Architecture have attended the one week Mentoring Workshop Series on Integrating Universal Human Values for Effective Mentoring, organized by CSAS, PMIST from 03.09.2024 to 09.09.2024



RESOURCE PERSON

Ar. Jasmine Vidhya, HoD/ Arch was invited as a jury member for Paper Presentation at the Periyar Tech Expo 2024 organized by and at the Periyar Centenary Polytechnic College, Vallam on 05.09.2024



RESOURCE PERSON

Ar. Ramesh Babu N, Director PECS, was invited as a resource person to deliver a guest lecture on "The Dynamic Future of MEP Industry" to celebrate the STEP OUT - Engineer's day celebration on 14.09.2024 at the Golden Woods Party Hall, Trichy, organized by Unique MEP Engineering private limited.



ARCH FEST SYMPOSIUM

Faculty members of Architecture, Ar. Kavitha V.S, Ar. Ramesh Babu N, Ar. Subramanian S, Ar. Rajaa. G, Ar. Jasmine Vidhya K, Ar. Suganthi S, Ar. Janaki N, Ar. Pratheeba S, Ar. Uma Mouthiga E, Ar. Bala Hari Krishnan S, Ar. Kiruthiga R and Ar. Prakash B attended the Arch Fest Symposium organised by the Indian Institute of Architects on 05.10.2024



Certificate of Completion

To

UMA MOUTHIGA E

For

Attending the one Week Online National Level FDP

on "Generative AI and advanced Tools for Academic Research"

from 04.11.2024 to 10.11.2024

Issued on 10.11.2024


Head of the Department
Department of Architecture
Anna University, Chennai

Signature of the Head of the Department
Date: 10.11.2024



Certificate of Completion

To

RAMESH BABU N

For

Attending the one Week Online National Level FDP

on "Generative AI and advanced Tools for Academic Research"

from 04.11.2024 to 10.11.2024

Issued on 10.11.2024


Head of the Department
Department of Architecture
Anna University, Chennai

Signature of the Head of the Department
Date: 10.11.2024



FACULTY DEVELOPMENT PROGRAM

Ar. Ramesh Babu N and Ar. Uma Mouthiga E has attended an one Week Online National Level FDP on "Generative AI and advanced Tools for Academic Research" from 04.11.2024 to 10.11.2024

FACULTY TRAINING PROGRAM

Ar. Ramesh Babu N and Ar. Uma Mouthiga E has attended Six days Management Leadership Training Programme at PMIST and Inspace, Chennai from 05.12.2024 to 10.12.2024 organised by CHRD, PMIST and FoMS





FACULTY DEVELOPMENT PROGRAM

Ar. Chithra K, Asst Prof has attended an online Six days faculty development program on Emerging Multidisciplinary research approaches in Architecture and design from 05.08.2024 to 10.08.2024



ONLINE COURSE

NPTEL COURSE

Outstanding results of faculty members from the NPTEL exams conducted in October 2024:

- Ar. Kavitha.V.S, Associate Professor / Architecture and Dean / FAP, has achieved an Elite + Gold certificate in the course Introduction to Interactive Design.
- Ar. Jasmine Vidhya K, Associate Professor / Architecture and Head / Architecture, has achieved an Elite + Gold certificate in the course Building Materials as a cornerstone to sustainability.



NPTEL COURSE



Outstanding results of faculty members from the NPTEL exams conducted in October 2024:

- Dr. N. Ramesh Babu, Associate Professor / Architecture and Director (i/c) (PECS), has earned an Elite + Silver certificate in the course Introduction to Interactive Design.
- Ar. J. Mullai, Associate Professor / Architecture, has been awarded an Elite + Silver certificate in the course Modern Indian Architecture.

NPTEL COURSE

Ar. Jasmine Vidhya K has been acknowledged with a certificate of appreciation as NPTEL Discipline Star during the JULY- DEC 2024 Semester.





FACULTY OF ARCHITECTURE AND PLANNING

DEPARTMENT OF ARCHITECTURE

◆ **CONGRATULATIONS!** ◆

NPTEL ACHIEVERS - OCTOBER 2024

II YEAR B.Arch - BATCH 2023 - 2026



MS. PRITHIKA SHREE KK
*Score-Achiever - 95%



MS. KESHIKA A
*Score-Achiever - 95%



MR. IHSAAAN IBRAHIM M
*Score - 95%



MR. VETRIVELAN KR
*Completed - 90%



MR. MOHAMED SHAMEEM M
*Score - 80%

COURSE NAME

* INTERNATIONAL STUDIES IN VERBACULAR ARCHITECTURE, ET HOD 0001

* DESIGNING INDIAN ARCHITECTURE, ET HOD 0001

NPTEL COURSE

Outstanding results of Second Year B.Arch students from the NPTEL exams conducted in October 2024:

- Ms. Prithika Shree KK
- Ms. Keshika A
- Mr. Ihsaan Ibrahim M
- Mr. Vetrivelan KR
- Mr. Mohamed Shameem M



PAPER PUBLICATION

James H. Rogers

Avoiding Man-made Disasters using Transit-Oriented Development (TOD)-Strategy: Case of Namma Metro, Bengaluru

Reynolds R. and Gellman J. (1991)

Department of Economics, University of California, San Diego, 950 University Avenue, La Jolla, California 92037, USA

15044

The World Bank is currently working on the rapid and sustained economic, institutional and social development of several districts. One of the most important urban projects designed to meet these needs is a water supply, drainage and sewerage extension to the Town of San José (TOSJ). The project is being implemented by the Inter-American Development Bank (IDB) using water engineering, urban and civil engineering disciplines. Available urban data include: census information, population projections, land use, land cover, topography, and other data. The IDB has not completed the study of the TOSJ. The project is being implemented by the Inter-American Development Bank (IDB) using water engineering, urban and civil engineering disciplines. The project is being implemented by the Inter-American Development Bank (IDB) using water engineering, urban and civil engineering disciplines.

The parallel implementation of FDD process, a special study in the city level, step down and step up was to be carried out. In this study, two teams consisted of Mr. Rakesh and Mr. Rajeshwari, respectively, have been constituted and have been working in close coordination with the study and monitoring FDD implementation team in the zoning method. A zoning based on primary data, aerial photo and a detailed review plan of Bangalore has been developed. Now the zoning has obtained a score of 80% and 75% respectively. The two teams have been working on data to monitor and improve the FDD zoning based on.

Keywords: Post-Secondary Education; Higher Education; Post-Secondary Institutions; Post-Secondary Enrollment; Post-Secondary Institutions; Post-Secondary Enrollment; Post-Secondary Institutions; Post-Secondary Enrollment

Keywords: *Self-esteem, self-esteem threat, self-esteem threat sensitivity, self-esteem threat sensitivity scale, self-esteem threat sensitivity scale-2*

Thus, if the same source for negative parenting either a parent or a teacher, and negative child or adolescent adjustment or behavior are both associated with the same source, the association is likely causal. Conversely, if the association is not causal, the association is likely spurious.

[illegible]

The use of public transportation including railroads in transportation and use of primary roads and highways contribute to the transportation of goods. Public transportation also serves the social and economic development (TOD) of the town by being the first step in being a first step in determining the significance of TOD in the context of public transportation and the security of transportation in general.

[illegible]

at the end of the 1980s

[illegible]

Dr. C.V. Subramaniam publish a paper titled Perception of "Avoiding Man-made Disasters using Transit-Oriented Development (TOD)-Strategy: Case of Namma Metro, Bengaluru" in journal titled Disaster Advances in February 2024.

Open Access | Springer

A Study of Rental Housings and Its Policies for the Urban Poor in India

Authors: Pradeep Kumar, C. V. Subramanian

Published in: Sustainable Resilient Built Environments

Publisher: Springer Nature Singapore

Open Access

Published in



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For more information on this publication, please visit the Springer website.

Springer Nature



PAPER PUBLICATION

Dr. C.V. Subramanian publish a paper titled Perception of "A Study of Rental Housings and Its Policies for the Urban Poor in India". In: Nandineni, R.D., Ang, S., Mohd Nawawi, N.B. (eds) Sustainable Resilient Built Environments. SRBE 2022. Advances in 21st Century Human Settlements in Proceedings of SRBE 2022, India Conference proceedings(Springer, Singapore)© in July 2024.



CONSULTANCY

CONSULTANCY MEET

As part of consultancy Ar. Ramesh Babu N, Asso. Prof. / Arch and Director, PECS visited the Kumbakonam Municipality on 24.08.2024 and received a consultancy project on "Revitalisation of Memorial for Kumbakonam Fire accident victims". A site visit along with officials also happened on the same day.

As part of consultancy Ar. Ramesh Babu N, Asso. Prof. / Arch and Director, PECS visited the Airavateeswara temple, Darasuram on 24.08.2024 and conducted a reconnaissance survey to prepare a consolidated Tourism facilities and amenities management for the monument.

CONSULTANCY MEET

As part of the consultancy project Ar. Ramesh Babu N, Asso. Prof. / Arch and Director, PECS attended and presented the status of CITIIS 2.0 Integrated solid waste management project for Thanjavur via online at Thanjavur Corporation on 28.08.2024 The review meeting for 18 selected cities was conducted by Joint secretary, Ministry of Housing and Urban affairs (MoHUA) and Managing Director (Smart city Mission (SCM)

As part of the consultancy project Ar. Ramesh Babu N, Asso. Prof. / Arch and Director, PECS attended the coordination meeting of CITIIS 2.0 Integrated solid waste management project for Thanjavur via online on 30.08.2024. The meeting was attended by Commissioner, City Engineer of Thanjavur Municipal Corporation, SWM consultants.



STUDENTS ACHIEVEMENTS



Ms. Monitha, Final year B.Arch, Department of Architecture, PMIST attended and participated in Make a Difference Enterprise 2024 MADE 2024 an 8 days workshop, product development and business pitching competition. In this our students won 2nd prize (300RM) among all the participants.

RESULTS

Bhartiya Paramparik Awas Uthan Award 2024



INSTITUTION AWARD

The Department of Architecture, Periyar Maniammai Institute of Science and Technology, has proudly secured third place in the Institute Award category at the prestigious CBRI Architecture Competition - 'Bhartiya Paramparik Awas Uthan Award 2024', organized by CSIR-CBRI, Roorkee at the national level.

Faculty Coordinators:

Ar. V.S. Kavitha, Dean/ FAP

Ar. Uma Mouthiga E, Asst Prof/Arch

STUDENT ACHIEVEMENT

Ms. Akshitha of first year B.Arch, Department of Architecture, PMIST has won gold medal in basketball event in the district level competition for the Chief minister's trophy held in September 2024 organised by the sports development authority of Tamilnadu





STUDENT ACHIEVEMENT

Students of Architecture participating in the various competition in the District Yuva Utsav organized by Nehru Yuva Kendra, Thanjavur and have won the second and third prize in the painting and dance competitions respectively on 07.12.2024



FAP FLASH TEAM

Dr. Kavitha, V.S. Dean / FAP

Ar. Jasmine Vidhya K, HoD / Arch

Ar. Uma Mouthiga E, Asst Prof. / Arch

Ar. Prakash B, Asst Prof. / Arch