



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)



## **AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**

### **DEPARTMENT OF CIVIL ENGINEERING**

#### **PROGRAM REPORT**

#### **Faculty Development Program in Paints and Coatings**

**Day 1- 25.07.2025**

The Departments of Civil Engineering and Mechanical Engineering at Aarupadai Veedu Institute of Technology (AVIT) jointly organized a Faculty Development Program (FDP) on “Paints and Coatings” on 25th July 2025 in the Digital Classroom, AVIT. This program was conducted in collaboration with the Paints and Coatings Skill Council.

#### **About the Event**

The first day of the FDP was successfully held from **9:30 AM to 5:00 PM**, highlighting engaging and insightful sessions by distinguished industry experts:

- **Mr. Gowri Shankar Mahalingam**, Advisor, Paints and Coatings Skill Council
- **Mr. Joseph Gerald Paul**, Paint Specialist

Both resource persons shared their extensive industrial experience and domain expertise, which enriched the learning experience of all participants. A total of 12 faculty members from the Departments of Civil Engineering, Mechanical Engineering and Chemistry of AVIT, as well as the Department of Chemistry from SAS, actively participated in the sessions.

The day’s proceedings were divided into four interactive and knowledge-intensive sessions:

#### **Session 1:**

Introduction to the Paints and Coatings industry, sector overview, career opportunities, and progression pathways. An icebreaker activity was also conducted to engage participants.

#### **Session 2:**

Fundamentals of paint – types, classifications, surface preparation, and composition. The session offered a comprehensive understanding of paint systems based on resin type and end-use applications.

#### **Session 3:**

Hands-on group activity to compare various paint systems, surface types, and finishes. This session emphasized practical learning through collaboration and application.

#### **Session 4:**

Practical demonstration on identifying substrates and finishes, followed by an interactive Q&A session, which allowed participants to clarify doubts and deepen their technical understanding.

The event was hosted by Dr. R. Divahar, Professor and Head, Department of Civil Engineering, and coordinated by Dr. R. Abirami, Assistant Professor (G-II), Department of Civil Engineering. Day 1 of the FDP concluded on a highly positive note, with active participation, engaging discussions, and valuable takeaways. The program served as a strong platform for bridging academic knowledge with industrial practices, laying a solid foundation for the sessions to follow.



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## Event Brochure



In association  
with

**PAINTS AND  
COATINGS  
SKILL COUNCIL**



*Cordially invites you all to the*

**Faculty Development Program in**

# Paints and Coatings

## Resource Persons



**Mr. Gowri Shankar Mahalingam**

Advisor  
Paints and Coatings Skill Council



**Mr. Joseph Gerald Paul**

Paint Specialist

### Session 1:

Introduction to the Industry, Career Options, Icebreaker activity, Overview of Paint/Coatings Sector, Career Progression Pathways.

### Session 2:

Basics of Paint, Classification of Paints, Understanding Different Surfaces.

Paint Fundamentals, Composition, Classification by End-use/Resin, Surfaces & Preparation.

### Session 3:

Group activity: Comparing Paint Systems, Surface Types, and Finishes.

### Session 4:

Practical Demonstration: Identifying Substrates, Finishes, and Q&A.



**25th July 2025**



**09:30 AM – 05:00 PM**



**Digital Room, AVIT**



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**Start of the Event | 25<sup>th</sup> Jul 2025 | 9.30 am**



Welcome speech by Dr. R. Divahar, HOD – Civil Engineering



Felicitation by Dr. J. Jenet, Principal, AVIT, to Mr. Gowri Shankar Mahalingam, Advisor, Paints and Coatings Skill Council





Felicitation by Dr. J. Jenet, Principal, AVIT, to Mr. Joseph Gerald Paul, Paint Specialist.

As part of the inaugural session, a felicitation ceremony was held to honor the distinguished resource persons for their valuable contributions to the Faculty Development Program. Dr. J. Jenet, Principal, AVIT, felicitated Mr. Gowri Shankar Mahalingam, Advisor, Paints and Coatings Skill Council, with a memento in appreciation of his expert insights and support. She also extended a warm felicitation to Mr. Joseph Gerald Paul, Paint Specialist, acknowledging his expertise and willingness to share practical knowledge with the participants. The gesture reflected the institution's gratitude for their significant role in making the FDP a meaningful and enriching experience.

- The session covered various types of paints, including water-based and solvent-based paints, along with their specific applications in construction and industrial settings.
- The composition of paints was explained in detail, highlighting key components such as pigments, binders, solvents, and additives, along with how these influence durability, finish, and performance.
- The resource persons also discussed color selection and finish types, and displayed sample paints to demonstrate differences in texture, sheen, and surface compatibility, providing participants with hands-on exposure

## Event Photos



