

**Institution's Innovation Council
IIC Calendar Activity Level 2**



Title: Workshop on Design Thinking, Critical Thinking & Innovation

Design

Organizing Secretary: Dr. P. Sanjay, Dean Research, IIC-Convener

IIC Student Coordinator: Gobhika Rajangam

Date: 09.01.2026

Time: 10.00AM - 04.00 PM

Objectives:

1. To introduce the concepts and importance of Design Thinking, Critical Thinking, and Innovation Design.
2. To enhance participants' problem-solving and analytical skills through structured thinking approaches.
3. To encourage creative idea generation and innovative mindset among students, faculty members, and postgraduates.
4. To promote collaborative learning by engaging participants in team-based activities.
5. To sensitize participants to apply design thinking principles in academic, research, and real-life problem scenarios

Guest Speaker:

Mr. K. Shanmugasundaram

Trainer/ Coach/ Mentor

CEO of Art workshop & Communication

Retired Asst. Professor,

SIMATS Engineering (Deemed University)

Certified Trainer, Govt. of Tamil Nadu, EDII

Participant Details:

The workshop was attended by 50 participants, undergraduate students, post graduates and faculties of MBBS.

Programme Overview:

The Institution's Innovation Council (IIC) of Sri Manakula Vinayagar Medical College and Hospital conducted an IIC Calendar Activity – Level 2 titled “Workshop on Design Thinking, Critical Thinking & Innovation Design” on 09.01.2026.

The session was led by Mr. K. Shanmugasundaram, Trainer, Coach, and Mentor, who provided an in-depth and interactive learning experience. The workshop began with an introduction to Design Thinking, focusing on understanding problems from the user's perspective and developing structured solutions. This was followed by sessions on Critical Thinking, where participants were encouraged to question assumptions, analyze situations logically, and arrive at evidence-based decisions.

The resource person also covered Innovation Design, emphasizing creativity, originality, and feasibility while generating ideas. The session was highly engaging, as the speaker incorporated hands-on activities, chart-based exercises, and brainstorming sessions. Participants were divided into teams consisting of students, faculty members, and postgraduates, promoting interdisciplinary interaction and teamwork.

Each team actively participated in idea generation activities, discussed problem statements, and presented their innovative solutions. This interactive approach helped

participants understand the practical application of theoretical concepts discussed during the workshop

Outcome:

1. Participants gained a clear understanding of design thinking, critical thinking, and innovation design concepts.
2. Improved ability to generate creative and feasible ideas through structured thinking models.
3. Enhanced teamwork, communication, and collaboration skills among students, faculty, and PGs.
4. Encouraged participants to think beyond conventional solutions and adopt innovative approaches.
5. Fostered an innovation-oriented mindset, aligning with the goals of the Institution's Innovation Council.

Conclusion:

The workshop was a highly informative and interactive learning experience that successfully met its objectives. Through expert guidance, practical activities, and team-based exercises, participants were able to understand and apply the principles of design thinking, critical thinking, and innovation design effectively. The session inspired participants to incorporate these approaches into their academic work, research activities, and real-world problem-solving. Overall, the workshop significantly contributed to nurturing creativity, innovation, and critical thinking among the participants.

