

Faculty Teaching Development Program: Teach to Learn and Improve **Freshman Engineering Department, MLRITM**

Dates: 10th to 31st, July, 2026

Venue: MG 114

Generic Suggestions for Impactful Teaching

1. Begin Every Lesson with Clear Learning Outcomes

- Clearly communicate the Learning Outcomes (LOs) at the beginning of the class.
- Display them on the board or presentation slides.
- Revisit them during the lesson and conclude by demonstrating how they have been achieved.

2. Create an Engaging Lesson Introduction

- Start each class with a warm-up activity, thought-provoking question, short discussion, demonstration, or real-life example.
- Activate students' prior knowledge before introducing the lesson content.

3. Present the "Big Picture" Before the Details

- Provide an overview of the lesson by listing the major concepts at the beginning.
- This helps students understand the structure of the lesson and connect individual concepts.

4. Adopt a Learner-Centred Teaching Approach

- Move beyond lecture-based teaching by incorporating active learning strategies such as:
 - Think-Pair-Share
 - Guided questioning
 - Problem-solving activities
 - Short discussions
 - Classroom demonstrations
 - Peer learning activities

5. Increase Student Interaction Throughout the Lesson

- Ask questions frequently.
- Encourage students to share ideas, predictions, and opinions.
- Maintain continuous two-way communication instead of waiting until the end of the class.

6. Regularly Check Students' Understanding

- Use formative assessment techniques throughout the lesson.
- Pause periodically to ask concept-checking questions before moving to the next topic.

7. Moderate the Pace of Teaching

- Avoid rushing through explanations.
- Speak at a comfortable pace.
- Pause after important concepts to allow students sufficient time to think and process the information.

8. Strengthen Voice Delivery

- Maintain clear voice projection.
- Use appropriate voice modulation to emphasize important ideas and sustain students' attention.

9. Enhance Classroom Presence

- Demonstrate confidence through posture, eye contact, purposeful movement, and positive body language.
- Create an energetic and engaging classroom atmosphere.

10. Improve Board and Teaching Aid Management

- Utilize whiteboards effectively for Learning Outcomes, key concepts, formulas, diagrams, keywords, and lesson summaries.
- Ensure that all students have a clear view of the board.

11. Design More Effective Presentation Slides

- Avoid overcrowded slides.
- Use concise bullet points.
- Highlight keywords using bold formatting or colour.
- Incorporate relevant visuals, diagrams, charts, and illustrations.

12. Emphasize Real-World and Professional Applications

- Connect concepts with practical applications, industry practices, engineering relevance, current developments, or everyday life.
- Explain why students need to learn the topic.

13. Promote Curiosity and Critical Thinking

- Ask open-ended and thought-provoking questions.
- Encourage inquiry, discussion, and exploration rather than focusing solely on content delivery.

14. Facilitate Effective Note-Taking

- Clearly indicate when students should record important concepts, formulas, definitions, or diagrams.
- Highlight key information that should be retained.

15. Manage Time Effectively

- Allocate appropriate time for:
 - Introduction
 - Concept explanation
 - Student interaction
 - Practice activities
 - Questioning
 - Lesson summary
- Ensure balanced coverage of all planned content.

16. Conclude Every Lesson Effectively

- Summarize the major concepts.
- Reinforce the key takeaways.
- Revisit the Learning Outcomes.
- End with a few reflective or review questions.

17. Maintain and Build on Existing Strengths

- Continue demonstrating strong subject knowledge, effective lesson planning, clear explanations, and professional classroom conduct while progressively adopting more interactive, outcome-oriented, and student-centred teaching practices.

Overall Recommendation

The Faculty Teaching Development Program demonstrated that most of the participating faculty possess good subject knowledge and sincere commitment to teaching. The next stage of professional growth should focus on transforming content delivery into active learning by creating highly interactive, learner-centred classrooms aligned with Outcome-Based Education (OBE). Greater emphasis on Learning Outcomes, student engagement, formative assessment, real-world relevance, and reflective lesson closure will significantly enhance both teaching effectiveness and student learning experiences.

Dr. Solomon Bondla
Program Convenor

Dr. K. Ashok
HOD, FE,

Dr. P. Sridhar
Director