Event title	**Quality Education (MoM – Session on Holistic Pedagogical Approach to Develop Contributors)**
Event Category	OBE
Date and Duration	25.1.2025, 2.30pm to 4.45pm
Department	CTLP & Mechanical Engineering
Coordinators	Dr. R. Ramesh, Professor, Mechanical Engineering Dr V Chitra, Associate Professor, Mathematics Mr Jothibasu M, Assistant Professor (Sl.Gr), ECE Department
Chief Guest/ Experts	Dr. V. Kovaichelvan Director (TVS Institute for Quality and Leadership) TVS Motor Company Limited
No. of Participants	All faculty members of Mechanical Engineering department

The session started with an introduction to the speaker Dr. V. Kovaichelvan by Dr. P.V. Mohanram, Secretory, PSG iTech and Dr. Rudramoorthy, Director, PSG CARE.

Dr. N. Saravanakumar, Principal, PSG iTech welcomed the participants from the Department of Mechanical Engineering to the session. Dr. V. Kovaichelvan who is currently serving as the Director of TVS Institute for Quality and Leadership at TVS Motor Company Limited shared his views and important attributes of learning, skills required for engineers to transition into the corporate world.

Aspect	Points discussed
Domains of Learning	The speaker shared his views on the domains of learning necessary for an engineer. He stressed the importance of psychomotor and affective domains in addition to the cognitive skills
Bloom's taxonomy	The speaker emphasized the need for the correct adoption of bloom's taxonomy in framing the curriculum. While the action verbs are familiar, he explained the importance of educational objectives arranged in a continuum, verb and noun based outcomes
Graduate attributes of Washington accords	While the Washingtons accords are followed widely, the speaker explained the steps needed to ensure conformance by ensuring assessable outcomes supported by level statements amenable for rubrics.
ADDIE and CDIO framework	The speaker explained the ADDIE principles of Learning Design thats starts from the steps of analyse (learning needs) up to the evaluation stage of reviewing the content and methodology. He also emphasized the adoption of CDIO framework to implement and operate the systems in the context of engineering education.
Levels of assessment	The speaker explained the need for pre- and formative assessments. While the pre-assessment ensures the readiness of the students by assessing the knowledge in pre-requisite courses, formative assessments help to get the feedback from the students to refine the content and focus the difficult areas of learning.

Systems approach for Engineering education	The speaker explained the systems approach wherein a product development is enabled by contributions from all engineering streams which require an interdisciplinary approach that require elective course offerings in multiple departments. Curriculum needs to be developed accordingly and aligning such course outcomes to the POs.

The HoD of Mechanical Engineering and the director of PSG CARE presented a momento to the speaker, thanked him for the important insights and the session came to an end.