

Workshop
on
Outcome Based Education

Sri Chitra Thirunal College of Engineering, Thiruvananthapuram

Good teachers want good learning to occur as a result of their teaching. Good learning means, besides recalling information, acquiring the ability of problem-solving and critical and creative thinking. Students learn well when

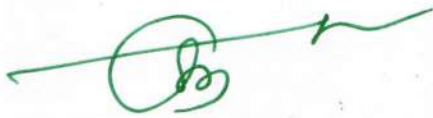
- they are provided information about the course outcomes (what the students should be able to do at the end of the course), their responsibilities, and the criteria used to evaluate their performance
- the assessment is in alignment with the stated outcomes
- instructional activities are designed and conducted to facilitate them to acquire the stated outcomes, and they are actively engaged and challenged at the right level

A course in an Undergraduate Engineering program in India needs to be designed and conducted to facilitate the students' meeting the identified Course Outcomes. The core courses together should facilitate attaining the Program Outcomes (POs) identified by the National Board of Accreditation and the Program Specific Outcomes (PSOs) identified by the Department. The two-day workshop facilitates the participants to write Course Outcomes (COs) of courses of their choice in the OBE-NBA Accreditation framework and experience computing attainments of COs, POs, and PSOs.

Workshop Outcomes

- WO1. Understand Outcome Based Education and Program Outcomes
- WO2. Understand the Revised-Bloom taxonomy of learning
- WO3. Write Program Specific Outcomes (PSOs) for an undergraduate engineering program.
- WO4. Write Course Outcomes (COs) for an engineering course to meet the selected subset of Program Outcomes and Program Specific Outcomes.
- WO5. Compute the attainment of COs, PSOs, and POs

Resource Persons: Prof. N.J. Rao and Prof. K. Rajanikanth



PRINCIPAL
Sree Chitra Thirunal
College of Engineering
Trivandrum - 18



Time-Table

Monday, 7-6-21

16.30-18.00: OBE, Accreditation and Program Outcomes N. J. Rao

Tuesday, 8-6-21

16.30-18.00: Program Specific Outcomes and Taxonomy of Learning K. Rajanikanth

Wednesday, 9-6-21

16.30-18.00: Taxonomy of Learning and Taxonomy Table N. J. Rao

Thursday, 10-6-21

16.30-18.00: Writing Course Outcomes and Tagging K. Rajanikanth

Friday, 11-6-21

16.30-18.00: Attainment of COs N. J. Rao

Saturday, 12-6-21

11.00-12.30: Attainment of PSOs and POs K. Rajanikanth

12.30-13.00: Discussions

