

Outcome Based Education(OBE)

Our institution is practicing Outcome Based Education(OBE) which is student centered instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. In the OBE model, the required knowledge and skill sets for a particular diploma programme is predetermined and the students are evaluated for all the required parameters (Outcomes) during the course of the program.

The OBE model measures the progress of the graduate in four parameters, which are

- Program Educational Objectives (PEOs)
- Program Specific Outcomes (PSOs)
- Program Outcomes (POs)
- Course Outcomes (COs)

Program Educational Objectives (PEOs) are broad statements that describe the career and professional accomplishments that the program is preparing the graduates to achieve. PEO's are measured 4-5 years after graduation. Program Specific Outcomes(PSOs) are the statements that describe what the graduates of specific engineering program should be able to do. Program Outcomes(POs) are narrower statements that describe what students are expected to know and be able to do by the time of graduation. Course Outcomes(CO) are the measurable parameters which evaluates each students performance for each course that the student undertakes in every semester. The teaching learning process and assessment are being carried out in accordance with the revised Bloom's Taxonomy. According to revised Bloom's taxonomy, the levels in cognitive domain are as follows:

| Level | Descriptor | Level of Attainment |
|-------|---------------|--|
| 1 | Remembering | from memory of previously learned material |
| 2 | Understanding | Explaining ideas or concepts |
| 3 | Applying | Using information in another familiar situation |
| 4 | Analysing | Breaking information into part to explore Justifying a decision or course of action Understandings and relationships |
| 5 | Evaluating | Justifying a decision or course of action |
| 6 | Creating | Generating new ideas, products or new ways of Viewing things. |