

## **Attainment of programme outcome/ course outcomes**

Assessment of course outcome attainment is done through both direct and indirect methods with details as:

**Direct method:** In this the student's knowledge and skill is assessed pertaining to their semester wise performance in the -

- a. Class/internal assessment tests: used to continuously assess the attainment of course outcomes w.r.t course objectives. In this semester wise tests are carried out in the mid-semester.
- b. End semester examination: used to assess whether all the course outcomes are attained or not, as framed by the course incharge. In this context, it is more focused on attainment of all course outcomes and uses descriptive questions.
- c. Internal lab tests/lab assignments/Experiments: is a qualitative performance assessment tool designed to assess student's practical knowledge and problem solving skills.
- d. Evaluation process: Post evaluation by the concerned teacher, the answer papers are discussed with the students in the class so that the students can cross check the overall evaluation and clear their doubts and weak points so as to improve their overall performance. The awarded marks are submitted only after satisfaction of the students.
- e. Home assignments: it is used to assess students analytical and problem solving abilities. Every student is assigned with course related tasks & assessment is done based on their performance.
- f. Presentations/seminars: through routine class presentations wherein seminar topics Seminars topics are given to the students that cover topics of current interest or provide in-depth coverage of selected topics from the core courses.
- g. Moreover, weekly group discussions in tutorial classes are held by respective teacher. Assessment of project work is work through presentation and viva held by an external examiner where students defend their work done during internship program in 4<sup>th</sup> semester. Presentation and communication skills are thoroughly monitored.

**Indirect methods:** This involves feedback from the external examiner of the practical and 4<sup>th</sup> semester project presentation examination and assessment. Moreover, the external examiners are encouraged to have an interaction class with the students so as to get feedback about the overall performance, weakness and improving areas of the teaching domain of the department. Exposure to real research environment is attained by ensuring once a year an education tour to different educational as well as research institutes of the country.

At present one of the key indicators that represent attainment of course outcomes is placement of our students at various levels of Higher Education and prospective jobs at both National and International levels. Plus the number of students that have qualified various prestigious competitive exams like CSIR-NET-JRF, ICMR-JRF, GATE, SET, GRE, TOEFL etc. The respective links (NAAC Criteria 3 and 5) and the placement brochure is present on the Dept. website for further reference as regards attainment of various Programme outcomes.