

The methods followed in the department for direct and indirect assessment were presented. Discussion was held to improve method for attainment of COs and POs.

- External experts expressed that the number of quizzes, assignments and tests held were adequate in number for direct assessment. It was suggested by Sh. V. R. Sathe that direct CO-PO attainment process based on average values may not always reflect CO attainments and therefore the process may be refined. He professed that all evaluations like grades of assignment, quizzes, Mid-term tests etc. should be included for finding attainment but accrued marks alone should not be a measure of attainment. The general attitude, responsiveness in class, alertness etc. should also be considered for determination of attainment of COs. Dr. Vahida Attar and Dr. Vrinda Tokekar.
- For indirect assessment, it was suggested by experts that separate questions should be asked for feedback on the course taught such as feedback on course content, depth of topics covered etc. The feedback form should contain categories to get feedback on conceptual learning and skills learnt. A provision should be made in the form to enable the students to write their remarks.
- Regarding the feedback form from recruiters, it was suggested that the form should contain dropdown options rather than descriptive questions. This will not only be more convenient for the industry people to give the feedback but will also enable the feedback to become quantitative to enable the calculation of attainment.
- Alumni feedback should be taken largely from students who have passed out three to five years ago since it is important in calculating PEOs. Feedback should also be obtained from senior alumni about the resources by inviting them and taking around the department.
- It was suggested by the experts that the questions in the parent's feedback form should be reframed to obtain useful feedback from them. A mechanism should be devised to keep the parents informed about their ward's progress.
- The experts advised the ratio of direct to indirect attainment to be kept somewhere between (80:20) to (70:30).

Item No. 2. To discuss regarding quality Improvement of Faculty members.

- The external experts suggested that Faculty members should be motivated to solve industry problems and earn consultancies from industry. They mentioned that generally R&D divisions of industries can share some problems which can be taken up by Faculty members.
- Mr. VR Sathe told that generally the industry do not give problems to outsiders due to time constraints. However If industries have long term projects they can give the problems. The department should strive for engagement with industry and faculty members should improve their networking with industries.
- Also it was advised that the faculty members should try to contribute to Open Source technologies, which will result in improvement of teaching and students will also get benefit from it.

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