ABSTRACT

The study is titled “An Analytical Study of Parameters Affecting Quality of Undergraduate Engineering Programmes in Haryana”. The main objectives of the research work are to study the perception of students and faculty members about “Selection Process”, “Academic Excellence”, “Infrastructure”, “Personality Development & Industry Exposure”, “Placements” and “Management & Administration” parameters in undergraduate engineering programmes in Haryana. The research is a descriptive type of research in nature. The sample size for the study is 600 for the students (n=100 for each institute) and 180 for the faculty members (n=30 for each institute). The sample has been taken on the basis of stratified sampling technique. The data has been collected with the help of Questionnaire Based Survey. The questionnaire has been filled by the students (pursuing B.Tech) and faculty members (teaching B.Tech) from six undergraduate engineering institutions in Haryana. The region of the study is Haryana and the institutions which have been studied are the six undergraduate engineering institutions in Haryana chosen randomly. For analysis and conclusion of the results of the survey, $t$ test on MS Excel and factor analysis on SPSS have been performed. The primary data collected through questionnaires is separately analyzed for entire population of student (respondents) and faculty member (respondents) for the six selected institutes in Haryana, India. To conclude, students of Institute “A”, “B”, “C”, “D”, “E” and “F” were not satisfied with the “Selection Process”, “Academic Excellence”, “Infrastructure”, “Personality Development & Industry Exposure” and “Management & Administration” parameters. Students of Institute “A”, “B”, “C” and “E” were not satisfied with the “Placements” parameter. While the “Placements” parameter was perceived to be satisfactory by the students of Institute “D” and “F”. Faculty members of Institute “A”, “B”, “C”, “D”, “E” and “F” were not satisfied with the “Selection Process”, “Infrastructure” and “Management & Administration” parameters. Faculty members of Institute “B”, “C”, “D”, “E” and “F” were not satisfied with the “Academic Excellence” parameter. While the “Academic Excellence” parameter was perceived to be satisfactory by the faculty members of Institute “A”. Faculty members of Institute “A”, “C”, “D”, “E” and “F” were not satisfied with the “Personality Development & Industry Exposure”
parameter. While the “Personality Development & Industry Exposure” parameter was perceived to be satisfactory by the faculty members of Institute “B”.