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| **Abstract:** |  |
| Abstract— At present, engineering education is becoming more challenging due to the ever-increasing pressure from the industrial demands on graduates’ skills and attributes. The engineering program educators are trying on several methods so that these newly demanded skill gaps can be met through various activities and engagements of the students in several engineering courses. They try to develop the basic knowledge of the students, make sure that they have clear concepts of what is to be learned from a particular course, and design complex engineering problems to develop their complex problem-solving skills by performing complex engineering activities during their undergraduate engineering studies. | |