Meerut Institute of Engineering and Technology, Meerut

**Department of Mechanical Engineering # Graduate / Program Exit Survey**

**(To be conducted through Google Form, without collecting participants information)**

In assessing the quality of engineering programs, it is expected that the engineering programs must demonstrate that their graduates have acquired a number of skills and abilities.

Please indicate your views, as to how well the mechanical engineering program at MIET (that you have undertaken) has been able to develop the skills and abilities (listed in the table below) in you :

**Suggested Format (The language of Questions and Options may be updated by respective DQAC)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Program Outcomes** | Agree | Partially Agree | Dis-agree |
| 1 | I am able to apply the knowledge of mathematics, science and engineering to solve the engineering problems. | □ | □ | □ |
| 2 | I can identify, formulate and analyze the engineering problems using first principles of mathematics, natural sciences, and engineering sciences. | □ | □ | □ |
| 3 | I am able to design a system, component, or process to meet desired needs | □ | □ | □ |
| 4 | I can design and conduct experiments, as well as analyze and interpret the data | □ | □ | □ |
| 5 | I got an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice | □ | □ | □ |
| 6 | I am aware to apply knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice. | □ | □ | □ |
| 7 | I can understand the impact of the engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development | □ | □ | □ |
| 8 | I can apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. | □ | □ | □ |
| 9 | I represent myself effectively as an individual and as a member or leader in diverse / multidisciplinary teams | □ | □ | □ |
| 10 | I communicate effectively on complex engineering activities with the engineering community and with society at large | □ | □ | □ |
| 11 | I am ready to demonstrate knowledge and understanding of the engineering and management principles and apply these to one’s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. | □ | □ | □ |
| 12 | I can recognize the need and possesses an ability to engage myself in life-long learning | □ | □ | □ |
| 13 | I have gained the ability to # PSO-1 | □ | □ | □ |
| 14 | I have gained the ability to # PSO-2 | □ | □ | □ |
| 15 | I have gained the ability to # PSO-3 | □ | □ | □ |
| 16 | I have gained the ability to # PSO-4 | □ | □ | □ |
| 17 | I have gained the ability to # PSO-5 | □ | □ | □ |

**Suggested Format (The language of Questions and Options may be updated by respective DQAC)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | Program Outcomes (POs and PSOs) | Agree | Partially Agree | Not Agree |
| 1 | Ability to apply knowledge of mathematics, science and engineering to solve the engineering problems has been inculcated to me through the program. | □ | □ | □ |
| 2 | An ability to identify, formulate and analyze the engineering problems using first principles of mathematics, natural sciences, and engineering sciences has been gained by me through the program. | □ | □ | □ |
| 3 | An ability to design a system, component, or process to meet desired needs has been acquired by me through the program. | □ | □ | □ |
| 4 | An ability to design and conduct experiments, as well as to analyze and interpret the data has been inculcated in me through the program. | □ | □ | □ |
| 5 | An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice has been attained by me through the program. | □ | □ | □ |
| 6 | An ability to apply knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice gained by me through the program. | □ | □ | □ |
| 7 | An ability to understand the impact of the engineering solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development have been learnt me by through the program. | □ | □ | □ |
| 8 | An ability to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice has been inculcated to me through this program. | □ | □ | □ |
| 9 | An ability to function effectively as an individual, and as a member or leader in diverse/multidisciplinary teams has been acquired by me through the program. | □ | □ | □ |
| 10 | An ability to communicate effectively on complex engineering activities with the engineering community and with society at large has been learnt by me through the program. | □ | □ | □ |
| 11 | An ability to demonstrate knowledge and understanding of the engineering and management principles and apply these to one’s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments have been gained by me through the program. | □ | □ | □ |
| 12 | A recognition of the need for, and an ability to engage in life-long learning has been inculcated to me through the program. | □ | □ | □ |
| 13 | The knowledge to apply the concepts, basics and latest tools and techniques related to thermal engineering has been acquired by me through this program. (PSO-1) | □ | □ | □ |
| 14 | Similar type of statement # PSO-2 | □ | □ | □ |
| 15 | Similar type of statement # PSO-3 | □ | □ | □ |
| 16 | Similar type of statement # PSO-4 | □ | □ | □ |
| 17 | Similar type of statement # PSO-5 | □ | □ | □ |

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