**Programme Name: M.Tech. in Computer Science & Engineering**

**Programme Educational Objectives:**

**PEO 1:** To prepare professionals who will have successful career in industries, academia, research and

entrepreneurial endeavours.

**PEO 2:** To prepare graduates who will demonstrate analytical, research, design and implementation skills

offering techno-commercially feasible and socially acceptable solutions to real life problems.

**PEO 3:** To prepare graduates who will thrive to pursue life-long learning and contribute to society as an

ethical and responsible citizen.

**Correlation of PEOs with MISSION of the Department**

|  |  |  |  |
| --- | --- | --- | --- |
| **Mission of Dept. of CSE&IT** | **PEO1** | **PEO2** | **PEO3** |
| **MISSION 1:** To offer academic programme with state of art curriculum having flexibility for accommodating the latest developments in the areas of computer science and IT | **3** | **2** | **2** |
| **MISSION 2:** To conduct research and development activities in contemporary and emerging areas of computer science & engineering and IT. | **2** | **3** | **1** |
| **MISSION 3:** To inculcate IT & entrepreneurial skills to produce professionals capable of providing socially relevant and sustainable solutions. | **3** | **3** | **3** |

**Note: *3 is high, 2 is medium, 1 is low***

**Programme Outcomes (POs) for PG Students:**

**PO1:** PO1: An ability to independently carry out research /investigation and development work to solve practical problems.

**PO2:** An ability to write and present a substantial technical report/document.

**PO3:** Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program.

**Correlation of POs with PEOs**

**Programme Name: M.Tech. in Computer Science & Engineering**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PO1** | **PO2** | **PO3** |
| **PEO 1** | **3** | **2** | **3** |
| **PEO 2** | **2** | **3** | **3** |
| **PEO 3** | **2** | **2** | **2** |

**Note: *3 is high, 2 is medium, 1 is low***

**Programme Name: M.Tech. in CSE and Ai &ML**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PEO1** | **PEO2** | **PEO3** |
| **PSO 1:** Students should be able to design and develop sustainable solutions to real life problems using Artificial Intelligence and Machine Learning based solutions; | **3** | **3** | **2** |
| **PSO 2:** Students should be able to apply ethical principles and commit to professional and social responsibilities. | **3** | **3** | **3** |

**Note: *3 is high, 2 is medium, 1 is low***