**Course Objectives-Program Outcomes (POs) Relationship Matrix** (Relationships are indicated by “X” mark)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P-Outcomes  C-Objectives | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| 1 | X | X | X |  | X | X |  |  | X |  | X | X | X |  |
| 2 | X | X | X |  |  | X |  |  | X |  | X | X | X |  |
| 3 | X | X | X |  | X | X |  |  | X |  | X | X | X |  |
| 4 | X | X | X |  | X | X | X |  | X |  | X | X | X |  |
| 5 | X | X | X |  |  | X |  | X | X | X | X | X | X |  |

**Course Outcomes-Program Outcomes (POs) Relationship Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P-Outcomes  C-Outcomes | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** | **PSO1** | **PSO2** |
| 1 |  | H | H |  |  | M |  | M | M | M | M | M | M |  |
| 2 |  | M |  |  |  |  |  | M | M |  | M | M | M |  |
| 3 | M | M | M |  |  | M |  | M | H | M | M | M | M |  |
| 4 | M | H | H | H | M | M | H | M | H | M | H | H | M |  |
| 5 | M | H | H | M |  | H | H | M | H |  | H | H | M |  |

**Courses (with title & code)-Program Outcomes (POs) Relationship Matrix** (Relationships are indicated by “X” mark)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P-Outcomes  Course | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** | **PSO1** | **PSO2** |
| Web Programming (**GR20A3056**) | X | X | X | X | X | X | X | X | X | X | X | X |  |  |

**Assignments & Assessments-Program Outcomes (POs) Relationship Matrix**

(Relationships are indicated by “X” mark)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P-Outcomes  Assessments | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** | **PSO1** | **PSO2** |
| Mid | X | X | X |  |  |  | X |  | X | X | X |  | X |  |
| Work Sheets | X | X | X |  |  |  | X | X | X | X | X |  | X |  |
| Viva | X | X |  |  |  |  | X |  | X |  | X | X | X |  |
| Quiz | X |  |  |  |  |  |  |  | X |  |  | X |  |  |
| Open book Exam | X | X | X |  | X |  | X |  | X | X | X |  | X |  |
| Seminar | X |  | X | X | X | X | X | X | X | X | X | X | X |  |
| External Exam | X | X | X |  | X |  | X |  | X | X | X |  | X |  |

**Assignments & Assessments-Program Educational Objectives (PEOs) Relationship Matrix** (Relationships are indicated by “X” mark)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PEOs  Assessments | 1 | 2 | 3 | 4 |
| Mid |  | X |  | X |
| Work Sheets |  | X | X | X |
| Viva | X |  | X | X |
| Quiz |  |  |  | X |
| Open book Exam |  | X | X | X |
| Seminar | X | X | X | X |
| External Exam |  | X | X | X |