**Department of Computer Science and Engineering**

Year/Semester: III Year / II Semester

Subject Name: IPD-4 (2205PR04) Regulation: R22

Project Title : AI.TUTOR

**COURSE OUTCOMES**

|  |  |  |
| --- | --- | --- |
| CO’s | **CO STATEMENTS** | BTL Level |
| CO1 | Analyze and apply foundational engineering principles to identify real- world problems, conceptualizing innovative solutions tailored to industry needs. | Analyze |
| CO2 | Demonstrate relative problem-solving and design thinking skills in  developing a feasible product prototype | Create |
| CO3 | Collaborate effectively within a team, using project management tools to plan, execute, and monitor product development stages. | Create |
| CO4 | Utilize appropriate tools, technologies, and metologies to prototype, test, and refine product concepts based on feedback and performance metrics. | Evaluate |
| CO5 | Communicate product ideas, processes, and results effectively through|  presentations, technical reports, and demonstrations to various audiences. | Apply |
| CO6 | Reflect on ethical, social, and environmental considerations within product development to ensure responsible innovation aligned with professional  standards. | Evaluate |

# **COURSE ARTICULATION MATRIX (PO/PSO MAPPING)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **P010** | **PO11** | **PO12** | **PSO1** | **PSO2** | **PSO3** |
| **CO1** | 3 |  | 2 |  |  |  |  |  |  |  |  | 2 |  |  |  |
| **CO2** | 2 | 3 |  | 2 |  |  |  |  |  |  |  |  | 2 |  |  |
| **CO3** |  |  | 3 |  |  |  |  |  | 2 |  | 1 |  |  | 2 |  |
| **CO4** |  | 3 |  | 2 |  | 2 |  |  |  |  |  | 1 | 2 |  |  |
| **CO5** |  |  |  |  | 3 |  | 1 |  | 2 | 2 |  |  |  | 1 |  |
| **CO6** |  |  |  |  |  |  |  |  | 3 | 3 | 2 | 1 |  |  |  |

3 - Substantial/High(C>=70%, 2- Moderate (50 %< =C<=69%), 1 - Low/Slight (5 %< =C<=49 %,), 0 - No correlation(C<5%)

Course Coordinator Course Expert HOD