

**22ES791 PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPREURSHIP**

Category L T P Credit  
ES 0 0 6 3

**Preamble**

This course emphasise critical thinking, team based project experience and timely delivery of modules in a project to empower students with overall professional and technical skills. This course helps students to prepare with digital skills, Experiential Project Based Learning through hands-on experience using digital technologies on open source platforms with an end to end journey to solve a problem. By the end of this course, the student understands the approach to solve a problem with team collaboration with mentoring from industry and faculties.

**Prerequisite**

NIL

**Course Outcomes**

On the successful completion of the course, students will be able to

CO	Course Outcome	TCE Proficiency Scale	Expected Proficiency in %	Expected Attainment Level %
CO1	Apply real industry-level uses cases to upskill emerging technologies	TPS3	B	85
CO2	Illustrate agile development process in real world problems	TPS2	B	85
CO3	Develop Career readiness competencies, Team Skills / Leadership qualities	TPS3	B	85
CO4	Develop Time Management, Project management skills and Communication Skills	TPS3	B	85
CO5	Use Critical Thinking for innovative Problem Solving	TPS4	B	85
CO6	Develop Entrepreneurship skills to independently work on products	TPS3	B	85

**Mapping with Programme Outcomes**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1.	S	M	L		L	M	L	M	M	L	L	M
CO2.	M	L						L	L	L		M
CO3.	S	M	L					M	M	M		M
CO4.	S	M	L		L			M	M	S	M	M
CO5.	S	S	M	L				M	M	L		M
CO6.	S	M	L		M	M	L	M	M	M	M	M

S- Strong; M-Medium; L-LowM

**Assessment Pattern**

Phases	Deliverables	Marks	Course Outcomes
<b>Continuous Assessment</b>			
Review 1 – Project Design and Requirement Analysis	Technical Report	20	CO1 and CO2
Review 2 – Project Development: Coding & Solutioning, Testing	Technical Report	40	CO3 and CO5
Review 3 –Project Documentation and Demonstration	Demo and Technical Report	40	CO4 and CO6

**Course Contents and Lecture Schedule**

Activity No.	Activity Name	Time (weeks)
1	Choosing a Project	2
2.	Team Formation	1
3.	Hands on Training	2
4	Project Development	6
5	Code Submission, Project Documentation and Demonstration	3
6	Mentor Review and Approval	1
7	Evaluation and scoring	1
	Total	16

**Course Designer(s):**

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