

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

ACCREDITED BY NAAC WITH 'A++' GRADE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**B.E AI&ML - LIST OF PROFESSIONAL ELECTIVES****AY. 2024-25**

S No	Professional Elective No.	Name of Professional Elective	PE Code	No of Credits/ Hours	Offered to
B.E CSE (AI&ML)					
1	Professional Elective – I	Unmanned Aerial Vehicles	UII21PE710CS	3	B.E.VII Semester - CSE (AIML)
2	Professional Elective – I	Cryptography and Network Security	UII21PE720CS	3	B.E.VII Semester - CSE (AIML)
3	Professional Elective – I	Software Design tools and methodologies	UII21PE730CS	3	B.E.VII Semester - CSE (AIML)
4	Professional Elective – I	Data and Visual analytics in AI	UII21PE740CS	3	B.E.VII Semester - CSE (AIML)
5	Professional Elective – I	Cryptography and Network Security Lab	UII21PE721CS	1	B.E.VII Semester - CSE (AIML)
6	Professional Elective – II	Reinforcement Learning	UII21PE750CS	3	B.E.VII Semester - CSE (AIML)
7	Professional Elective – II	Advanced Databases	UII21PE760CS	3	B.E.VII Semester - CSE (AIML)
8	Professional Elective – II	Software Testing Methodologies	UII21PE770CS	3	B.E.VII Semester - CSE (AIML)
9	Professional Elective – II	Block chainPlatforms and Applications	UII21PE780CS	3	B.E.VII Semester - CSE (AIML)
10	Professional Elective – II	Reinforcement Learning Lab	UII21PE751CS	1	B.E.VII Semester - CSE (AIML)
11	Professional Elective – III	Data Mining	UII21PE810CS	3	B.E.VII Semester - CSE (AIML)
12	Professional Elective – III	Adhoc and Sensor Networks	UII21PE820CS	3	B.E.VII Semester - CSE (AIML)
13	Professional Elective – III	Software Processes and Agile Practices	UII21PE830CS	3	B.E.VII Semester - CSE (AIML)
14	Professional Elective – III	Robotic Process Automation	UII21PE840CS	3	B.E.VII Semester - CSE (AIML)
15	Professional Elective – IV	Information Retrieval Systems	UII21PE850CS	3	B.E.VIII Semester - CSE (AIML)
16	Professional Elective – IV	Cyber Security	UII21PE860CS	3	B.E.VIII Semester - CSE (AIML)
17	Professional Elective – IV	Secure Software Design	UII21PE870CS	3	B.E.VIII Semester - CSE (AIML)
18	Professional Elective – IV	Human Computer Interaction	UII21PE880CS	3	B.E.VIII Semester - CSE (AIML)