

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
SCHEME OF INSTRUCTION AND EXAMINATION (R-20)

B.E. (IT) : Honour's Degree Program in Artificial Intelligence & Machine Learning

B.E (IT) Honours Degree in Artificial Intelligence & Machine Learning										
S No.	Course Code	Course Name	SEM	Scheme of Instruction			Scheme of Examination			
				Hours per week			Duration in Hrs	Maximum Marks		Credits
				L	T	P/D		SEE	CIE	
THEORY & Lab										
1	U20PC550IT	Artificial Intelligence – Principles and Techniques	V	2	-	-	3	60	40	2
2	U20PC551IT	Artificial Intelligence Lab	V	-	-	2	3	50	30	1
3	U20PC640IT	Autonomous Navigation Systems	VI	2	-	-	3	60	40	2
4	U20PC641IT	Autonomous Navigation Systems - Lab	VI	-	-	2	3	50	30	1
5	U20PC730IT	Advanced ML & Deep Learning	VII	2	-	-	3	60	40	2
6	U20PC731IT	Advanced ML & Deep Learning Lab	VII	-	-	2	3	50	30	1
Total				6	-	6		330	210	9
Grand Total				12			-	540		
MOOCs Course (AIML related): 8 or 12 weeks durations – (2 & 3 credits)		Essential Mathematics For Machine Learning - Course (nptel.ac.in) Deep Learning for Computer Vision - Course (nptel.ac.in) Natural Language Processing - Course (nptel.ac.in) Reinforcement Learning - Course (nptel.ac.in) Artificial Intelligence : Search Methods For Problem solving - Course (nptel.ac.in) Medical Image Analysis - Course (nptel.ac.in) Learning Analytics Tools - Course (nptel.ac.in)								6
Course Project										3
Total Credits										18

Semester Wise Credit Distribution

R-20
[2020-21 Admitted Batch]

Semester	Regular Course	Extra Credits for Honours Course	Honours Course
1	20	-	20
2	21	-	21
3	19	-	19
4	24	-	24
5	21	3	21+3
6	21	3+3 [MOOCS]	21+3+3 [MOOCS]
7	22	3+3 [MOOCS]	22+3+3 [MOOCS]
8	14	3	14+3
Total Credits	162	18	162+18=180