BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)
BAGALKOT- 587 103
Department of **A**rtificial **I**ntelligence and **M**achine **L**earning

B. V. V. Sangha's

Scheme (175 Credits) applicable to the students admitted to BE 3rd semester during the academic year 2020-21 & lateral entry students admitted during 2021-22

Sl. No.	Subject Code	Subject	Credits	Hours/Week			Examination Marks		
				Lecture	Tutorial	Practical	CIE	SEE	Total
1	UMA391C	Numerical Techniques and Integral Transforms	3	3	--	--	50	50	100
2	UAI302C	Data Structures and Applications	4	3	2	--	50	50	100
3	UAI303C	Embedded Systems	4	4	--	--	50	50	100
4	UAI304C	Computer Organization	4	4	--	--	50	50	100
5	UAI305C	AI and its Applications	3	3	--	--	50	50	100
6	UAI306L	Problem Solving with Python Lab.	2	--	2	2	50	50	100
7	UAI307L	Data Structures Lab.	1	--	--	3	50	50	100
8	UAI308L	Embedded Systems Lab.	1	--	--	3	50	50	100
9	UBT233M*	Environmental Studies	0	2	--	0	50	50	100
10	UMA330M*	Bridge course Maths –I	0	3	--	0	50	50	100
		Total	**22**	**22**	**4**	**08**	**500**	**500**	**1000**

*Mandatory Subjects (For lateral entry (Diploma quota) students only)

BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)
BAGALKOT- 587 103
Department of **A**rtificial **I**ntelligence and **M**achine Learning

B. V. V. Sangha's

Scheme (175 Credits) applicable to the students admitted to BE 4th semester during the academic year 2020-21 & lateral entry students admitted during 2021-22

Sl. No.	Subject Code	Subject	Credits	Hours/Week			Examination Marks		
				Lecture	Tutorial	Practical	CIE	SEE	Total
1	UMA431C	Statistics and Probability Distributions	3	3	--	--	50	50	100
2	UAI402C	Design and Analysis of Algorithms	4	3	2	--	50	50	100
3	UAI403C	Operating Systems	3	3	--	--	50	50	100
4	UAI404C	Introduction to Data Science	3	3	--	--	50	50	100
5	UAI405C	OOPS with Java Programming	3	3	--	--	50	50	100
6	UHS001N	Fundamentals of Quantitative Aptitude And Soft Skills	1	2	--	--	50	50	100
7	UAI406L	Design and Analysis of Algorithms Lab	1	--	--	3	50	50	100
8	UAI407L	Data Science Lab	2	--	2	2	50	50	100
9	UAI408A	Proof of Concept Lab.	--	--	--	3	50	50	100
10	UMA430M	Bridge course Maths –II	--	3	0	--	50	50	100
11	UHS126M	Constitution of India*	--	2	0	--	50	50	100
12	UHS488C	Samskruthika Kannada**	1	2	0	--	50	50	100
	UHS489C	Balake Kannada***							
		Total	**21**	**24**	**4**	**8**	**550**	**550**	**1100**

*For lateral entry (Diploma) students only, **Students who have studied Kannada at primary level, *** Students who have not studied Kannada at primary level