DEPARTMENT OF ADVANCED COMPUTING SCIENCE
Semester wise Subjects with Credits -BSC- AIML - BATCH 1

S.No	Course Code	CATEGORY	Course Title	L	T	P	C
SEMESTER-1							
			THEORY				
1	246AM1A15TA	HS	Technical English - I	3	0	0	3
2	246MA1A11TO	BS	Linear Algebra and Statistics	4	0	0	4
3	244AM1A14TA	PC	Python for Problem Solving	2	2	0	4
4	244AM1A14TB	PC	Fundamentals and Computer Architecture	3	0	0	3
			PRACTICAL				
5	244AM1A14PA	PC	Python for Problem Solving - Lab	0	0	4	2
6	244AM1A19PA	VAC	VAC: Design for Developers (UI & UX)	0	0	0	0
7	246AM1A14PA	HS	Communication & Life Skills - I	0	0	4	2
8	246AM1A15PB	HS	Problem solving through Aptitude - I	0	0	4	2
Total				12	2	12	20

S.No	Course Code	CATEGORY	Course Title	L	T	P	C
SEMESTER-2							
			THEORY				
1	246AM1A25TA	HS	Technical English - II	3	0	0	3
2	246MA1A21TO	BS	Discrete Mathematics	4	0	0	4
3	244AM1A24TB	PC	Object Oriented Programming in Java	2	2	0	4
4	244AM1A24TC	PC	Data Structures I	2	1	0	3
			PRACTICAL				
5	244AM1A24PB	PC	Java Programming - Lab	0	0	4	2
6	244AM1A29PA	VAC	VAC: Front-End Web Development	0	0	0	0
7	246AM1A24PA	HS	Communication & Life Skills - II	0	0	4	2
8	246AM1A25PB	HS	Problem solving through Aptitude - II	0	0	4	2
Total				11	3	12	20

S.No	Course Code	CATEGORY	Course Title	L	T	P	C
SEMESTER-3							
			THEORY				
1	244AM1A34TA	PC	Database Management Systems	2	2	0	4
2	244AM1A34TB	PC	Introduction to AI	3	0	0	3
3	244AM1A34TC	PC	Data Structures - II & Algorithms	2	2	0	4

4	244AM1A34TD	PC	Introduction to Data Science	2	1	0	3
			PRACTICAL				
5	244AM1A34PC	PC	Data Structures & Algorithms - Lab	0	0	4	2
6	244AM1A39PA	VAC	VAC: Mobile Application Development	0	0	0	0
7	244AM1A37PA	IP	Internship	0	0	0	0
8	244AM1A34PA	PC	Database Management Systems - Lab	0	0	4	2
9	246AM1A32PA	HS	Communication & Life Skills - III	0	0	4	2
		Total		9	5	12	20

SEMESTER-4							
S.No	Course Code	CATEGOR	Course Title	L	T	P	C
			THEORY				
1	244AM1A44TA	PC	Full Stack Web Development	1	2	0	3
2	244AM1A44TB	PC	Machine Learning	2	2	0	4
3	244AM1A44TC	PC	Software Testing & Quality Assurance	2	1	0	3
4	244AM1A44TD	PC	Cybersecurity	3	0	0	3
5	244AM1A44TE	PC	Operating Systems	3	0	0	3
			PRACTICAL				
6	244AM1A44PA	PC	Full Stack Web Development - Lab	0	0	4	2
7	244AM1A49PA	VAC	VAC: Business Analytics	0	0	0	0
8	244AM1A47PA	IP	Internship	0	0	0	0
9	244AM1A44PB	PC	Machine Learning - Lab	0	0	4	2
		Total		11	5	8	20

SEMESTER-5							
S.No	Course Code	CATEGOR	Course Title	L	T	P	C
			THEORY				
1	244AM1A54TA	PC	Software Project Management	4	0	0	4
2	244AM1A54TB	PC	Networking & Security	3	0	0	3
3	244AM1A54TC	PC	Deep Learning	2	1	0	3
4	244AM1A54TD	PC	Natural Language Processing	2	1	0	3
			PRACTICAL				
6	244AM1A57PA	IP	Capstone Projects (FSD / DS)	0	0	10	5
7	244AM1A59PA	VAC	VAC : Recruitment Essentials	0	0	0	0
8			Company Specific Placement Training	0	0	4	2
		Total		11	2	14	20

Semester 6							
S.No	Course Code	CATEGOR	Course Title	L	T	P	C
			Theory				

1	244AM1A67PA	IP	Internship / Integrated Work / Project	0	0	20	20
Total				**0**	**0**	**20**	**20**

Documents Prepared in "Board of Studies"held on
Date: 21/05/2024

Documents Approved in "Academic Council"held on
Date: