Galgotias University

School of Computer Applications and Technology

Curriculum 2024-26

MCA IOP Artificial Intelligence & Machine Learning

	Credis				
SEM	I	II	III	IV	TOTAL
MCA	20	22	22	20	84
MCA IOP	20	25	25	20	90

Semester 1							
	Name of the Cou						
SNo.		L	T	P	S	C	H
1	Problem Solving	3	0	1	0	4	5
2	Computational M	3	0	0	0	3	3
3	Database Manage	3	0	1	0	4	5
4	Digital Computer	3	0	0	0	3	3
6	English Proficier	0	0	2	0	2	4
	Introduction to IT	3	0	1	0		5
5	Project	0	0	0	0	4	0
Total Credits (MCA & MCA IOP)						**20**	**25**

Semester II							
	Name of the Course	L	T	P	S	C	H
1	Object Oriented I	3	0	1	0	4	5
2	Machine Learnin	3	0	1	1	5	8
3	Data Structures	3	0	1	0	4	5
4	Verbal and Quan	0	0	2	0	2	4
5	Data Communica	2	0	0	0	2	2
6	Operating System	2	0	0	0	2	2

7	Elective-I					3	3
Total Credits (MCA)						**22**	**29**
8	Artificial Intellig	3	0	0	0	3	3
Total Credits (MCA IOP)						**25**	**32**

Elective-I for II sem							
Sl No	**Name of the Cou**	**L**	**T**	**P**	**S**	**C**	H
1	Software Engine	3	0	0	0	3	3
2	Introduction to C	3	0	0	0	3	3
3	Digital Image Pr	3	0	0	0	3	3

Semester III							
	Name of the Cours	**L**	**T**	**P**	**S**	**C**	**H**
1	Mobile App Dev	3	0	1	0	4	5
2	Design & Analys	3	0	1	0	4	5
3	Elective-II	3	0	0	0	3	3
4	Elective-III				0	3	3
5	Professional Rea	0	0	2	0	2	4
6	Minor Project	0	0	0	0	2	0
7	Internship	0	0	0	0	4	0
Total Credits (MCA)						**22**	**20**
8	Deep Learning a	2	0	1	0	3	3
Total Credits (MCA IOP)						**25**	**23**

Elective-II for III sem							
Sno	**Name of the Cou**	**L**	**T**	**P**	**S**	**C**	H
1	BlockChain	3	0	0	0	3	3
2	BigData	3	0	0	0	3	3
3	Internet of Thing	3	0	0	0	3	3

	Elective -III for III sem						
SNo	Name of the Cou	L	T	P	S	C	H
1	Advanced Java P	2	0	1	0	3	4
2	Web Technology	2	0	1	0	3	4
	Semester IV						
Sl No	Name of the Cou	L	T	P	S	C	H
1	Major Project	0	0	0	0	20	
	Total Credits (MCA & MCA IOP)					20	