Galgotias University
School of Computer Applications and Technology
M.Sc Computer Science

Credits	I	II	III	IV	TOTAL
M.Sc	19	24	21	20	84

Semester 1						
Name of the Course						
S.No.		L	T	P	S	C	H
1	Problem Solving and Computer Programming	3	0	1	0	4	5
2	Computational Mathematics and Statistics	3	0	0	0	3	3
3	Database Management System	3	0	1	0	4	5
4	Computer Architecture and Digital Computer	3	0	0	0	3	3
5	English Proficiency and Aptitude Building	0	0	2	0	2	4
6	Theory of Computation	3	0	0	0	3	3
	Total Credits (M.Sc)					**19**	**25**

Semester II							
S.No.	**Name of the Course**	L	T	P	S	C	H
1	Object Oriented Programming with Java	3	0	1	0	4	5
2	Machine Learning with Python	3	0	2	1	5	8
3	Data Structures	3	0	1	0	4	5
4	Verbal and Quantitative Reasoning	0	0	2	0	2	4
5	Data Communication & Networking	2	0	0	0	2	2
6	Operating Systems	2	0	0	0	2	2
7	Elective-I	3				3	3
8	Artificial Intelligence	2	0	0	0	2	2
	Total Credits (M.Sc)					**24**	**31**

Elective-I for II sem							
Sno	**Name of the Course**	L	T	P	S	C	H
1	BlockChain	3	0	0	0	3	3
2	Cognitive Computing and Modeling	3	0	0	0	3	3
3	Data Science with R	2	0	1	0	3	3

Semester III							
S.No.	Name of the Course	L	T	P	S	C	H
1	Mobile App Development	3	0	1	0	4	5
2	Design & Analysis of Algorithm	3	0	1	0	4	5
3	Elective II	3	0	0	0	3	3
4	Elective III	2	0	1	0	3	3
5	Professional Readiness	0	0	1	0	1	4
6	Minor Project	0	0	0	0	2	0
7	Internship	0	0	0	0	4	0
	Total Credits (M.Sc)	**16**				**21**	**20**

Elective-II for III sem							
Sno	Name of the Course	L	T	P	S	C	H
1	Software Engineering and Testing	3	0	0	0	3	3
2	Big Data	3	0	0	0	3	3
3	Digital Image Processing	3	0	0	0	3	3

Elective -III for III sem							
SNo	Name of the Course	L	T	P	S	C	H
1	Advanced Java Programming	2	0	1	0	3	4
2	Web Technology	2	0	1	0	3	4

Semester IV							
S.No.	Name of the Course	L	T	P	S	C	H
1	Major Project	0	0	0	0	20	0
	Total Credits (M.Sc)					**20**	