

Birla Vishvakarma Mahavidyalaya (An Autonomous Institution)
Information Technology Department
Programme Structure for
Minor in Data Science

Can be Opted by: All UG Students Except B.Tech. (Information Technology) and B.Tech. (Computer Engineering) as per [AR for Minors / Honours](#)

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	MDS01	Introduction to Data Science	3	0	2	5	4
2	MDS02	Data Structure and Algorithm using Python	2	0	2	4	3
3		Programme Elective I	2	0	2	4	3
4		Programme Elective II	2	0	2	4	3
5	MDS91	Project	0	0	10	10	5
Total			9	0	18	27	18

Pool of Courses for Programme Elective – I, II

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	MDS11	Probability Theory for Data Science	2	0	2	4	3
2	MDS12	Programming using R	2	0	2	4	3
3	MDS13	Introduction to Artificial Intelligence	2	0	2	4	3
4	MDS14	Business Intelligence and Analytics	2	0	2	4	3
5	MDS15	Learning Analytical Tools	2	0	2	4	3
6	MDS16	Introduction to Machine Learning	2	0	2	4	3