

SHARNBASVA UNIVERSITY, KALABURAGI

MSc Data Science		I Semester	Academic Year			SCHEME	
2023-25 Batch		Courses Opted by the Students	2023 - 24				
Sl No.	Course Code	Course Title	Theory / Practical	Course offered by the following Dept.	Marks		Credits
					CIE	SEE	
1	23MDS11	Principles of Data Science	Theory	M.Sc. Data Science	50	50	4
2	23MDS12	Programming with Python	Theory	M.Sc. Data Science	50	50	4
3	23MDS13	Advanced DBMS	Theory	M.Sc. Data Science	50	50	3
4	23MDS14	Internet of Things	Theory	M.Sc. Data Science	50	50	3
5	23MDS151	Mathematical Foundations for Data Science	Theory	M.Sc. Data Science	50	50	3
6	23MDS16	Python Programming Lab	Practical	M.Sc. Data Science	50	50	2
7	23MDS17	Advanced DBMS Lab	Practical	M.Sc. Data Science	50	50	2
8	23MDS18	IOT Lab	Practical	M.Sc. Data Science	50	50	1
9	23MDS19	Project-I	Practical	M.Sc. Data Science	50	50	1
TOTAL					450	450	23
Courses opted by the students of OTHER departmentns							
Sl No.	Course Code	Course Title	Th / Pr	Departments	CIE	SEE	Credits
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Signature with Date

Signature with Date

Name of Chairperson Dr. Shrikant Patil	Name of DEAN Dr. Shrikant Patil
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SHARNBASVA UNIVERSITY, KALABURAGI

SHARNBASVA UNIVERSITY, KALABURAGI							
MSc Data Science		II Semester		Academic Year		SCHEME	
2023-25 Batch		Courses Opted by the Students		2023 - 24			
Sl No.	Course Code	Course Title	Theory / Practical	Course offered by the following Dept.	Marks		Credits
					CIE	SEE	
1	23MDS21	Data Mining	Theory	M.Sc. Data Science	50	50	4
2	23MDS22	Foundations of Data Visualization	Theory	M.Sc. Data Science	50	50	4
3	23MDS23	Machine Learning	Theory	M.Sc. Data Science	50	50	3
4	23MDS241	Regression Analysis	Theory	M.Sc. Data Science	50	50	3
5	23MDS25	Data Mining Lab	Practical	M.Sc. Data Science	50	50	2
6	23MDS26	Data Visualization Lab	Practical	M.Sc. Data Science	50	50	2
7	23MDS27	Machine Learning Lab	Practical	M.Sc. Data Science	50	50	2
8	23MDS28	Project-II	Practical	M.Sc. Data Science	50	50	1
TOTAL					400	400	21
Courses opted by the students of OTHER departments							
Sl No.	Course Code	Course Title	Th / Pr	Departments	CIE	SEE	Credits
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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SHARNBASVA UNIVERSITY, KALABURAGI

MSc Data Science		III Semester	Academic Year			SCHEME	
2023-25 Batch		Courses Opted by the Students	2024 - 25				
Sl No.	Course Code	Course Title	Theory / Practical	Course offered by the following Dept.	Marks		Credits
					CIE	SEE	
1	23MDS31	Java for Data Science	Theory	M.Sc. Data Science	50	50	4
2	23MDS32	Digital Image Processing for Data Science	Theory	M.Sc. Data Science	50	50	4
3	23MDS33	Artificial Intelligence	Theory	M.Sc. Data Science	50	50	3
4	23MDS341	Natural Language Processing	Theory	M.Sc. Data Science	50	50	3
5	23MDS35	Java for Data Science Lab	Practical	M.Sc. Data Science	50	50	2
6	23MDS36	Digital Image Processing for Data Science Lab	Practical	M.Sc. Data Science	50	50	2
7	23MDS37	Artificial Intelligence Lab	Practical	M.Sc. Data Science	50	50	2
8	23MDS38	Project-III	Practical	M.Sc. Data Science	50	50	1
TOTAL					400	400	21
Courses opted by the students of OTHER departmentns							
Sl No.	Course Code	Course Title	Th / Pr	Departments	CIE	SEE	Credits
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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SHARNBASVA UNIVERSITY,KALABURAGI							
MSc Data Science		IV Semester		Academic Year		SCHEME	
2023-25 Batch		Courses Opted by the Students		2024 - 25			
Sl No.	Course Code	Course Title	Theory / Practical	Course offered by the following Dept.	Marks		Credits
					CIE	SEE	
1	23MDS41	Technical Seminar	Practical	M.Sc. Data Science	100	0	1
2	23MDS42	Industry Internship	Practical	M.Sc. Data Science	50	50	4
3	23MDS43	Project	Practical	M.Sc. Data Science	50	50	10
TOTAL					200	100	15
Courses opted by the students of OTHER departmentns							
Sl No.	Course Code	Course Title	Th / Pr	Departments	CIE	SEE	Credits
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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