



**PARVATHANENI BRAHMAYYA
SIDDHARTHA COLLEGE OF ARTS & SCIENCE**

Autonomous
Siddhartha Nagar, Vijayawada-520010
Re-accredited at 'A+' by the NAAC

Course Code	22DS4P1	I A Marks	50
No. of Lecture Hours / Week	3	End Exam Marks	50
Total Number of Lecture Hours	3	Total Marks	100

Project: PROJECT WORK (22DS4P1)		
S.No.	COURSE OUTCOMES	PO'S
	After completion of the course student will be able to	
1	Recall advanced theoretical and practical knowledge to develop data-driven applications.	PO1
2	Demonstrate proficiency in programming, data analysis, and machine learning techniques.	PO3
3	Solve complex technical problems using critical thinking and data insights	PO3
4	Analyze project requirements to manage projects efficiently while ensuring ethical standards and best practices.	PO2,PO4
6	Combine effectively and communicate technical findings to diverse audiences.	PO6

CO-PO MATRIX								
COURSE CODE 22DS4P1	CO-PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1	H	M		L		M	
	CO2	H		H		H		M
	CO3	H	M					
	CO4		H	H				
	CO6			M				H

The project will be assigned in the final semester. The project will be performed at the established industry (or) in the department under the supervision of the faculty or research institutes. It may involve experimental and/or theoretical work as well as critical review of the literature. Each of the students has to carry out original research in a topic in accordance with the work chosen under the guidance and supervision of a teacher in the concerned Department of the college.

Dissertation must be submitted at the end of the semester which will be assessed by the external examiners. Dissertation must be prepared with introduction, Review of the literature, Experimental Session, Results and Discussion, Conclusion and References.

The final dissertation should have at least 40 – 60 pages typed in Times New Roman 12 font except Headings and side headings with 1.5 line spacing.

PROJECTWORK

- All the candidates shall undertake a Project Work of **three months duration** in the Fourthsemester. The project should have industry orientation and the work should be certified by the concerned organization where the student has undertaken the project work. The project work shall be guided and certified by the teacher-guide.

- The purpose of the project work is primarily to demonstrate the application of knowledge of skills acquired in the M.Sc(Computational Data Science) programme, by studying and analyzing a selected problem in the work situation in a systematic manner while suggesting solution. Each student is required to study the problem under the guidance of a faculty member of the department.
- The completed projects should be submitted to the College as per the guidelines prescribed by the Examination Section from time to time.
- Internal assessment of project work will be done by the concerned project internal guide and HOD for 50 marks. External evaluation will be carried out by a committee consisting of project internal guide, HOD and the external examiner appointed by the Controller of Examinations for 50 Marks.

Evaluation Schema for Continuous Internal/External Assessment of Project Work		
Review-I	Submission of Abstract	10 Marks
Review-II	Submission of Data Dictionary & UML/ER Diagrams	10 Marks
Review-III	Project Execution	15 Marks
Thesis Submission		15 Marks
Total		50 Marks

- The Candidates should have to secure minimum 50% marks in Project work.
