SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA, VIJAYAWADA-10

(An autonomous college in the jurisdiction of Krishna University)

BSC HONOURS (DATA SCIENCE)

BSc Honours (Data Science) is a four-year full-time programme that comes under the domains of Computer Science and Artificial Intelligence. Data Science is an interdisciplinary subject that includes the use of Statistics, Big Data Analytics, Machine Learning and related aspects in order to understand the problem or phenomena with respect to a set of real-world data.

Students are exposed to broad areas of subjects like Applied Statistics, Data Mining, Predictive Modelling, Big Data Analytics, Machine Learning, Data Visualization. Producing agile and skilled professionals to understand, collect, extract, analyze and predict the given set of data to solve the major problems through real-time data analysis.

This four-year course is designed in such a way that graduates can perform and conduct data-driven investigations by managing and visualizing all types of data.

SKILLS AND KNOWLEDGE:

- ☐ Core programming languages include **Java**, **SQL**, **Python**, **R**, **SAS**, **MATLAB**, along with the knowledge of **Tableau**, **Hadoop**, and other tools.
- ☐ Data Science is one of the **trendiest jobs across the globe** in terms of future scope and career stability.

BSC HONOURS (DATA SCIENCE) FUTURE SCOPE

Data Science is a promising subject in the field of Computer and Information Science. Many foreign companies and national companies are investing in millions in the IT sector in India.

You can go for higher studies in this advanced field to gain expertise and knowledge in various data science field. You can also study a specialization like data analytics as per your career need. You can pursue Master of Science in these specializations:

- Data Science
- Data Analytics
- Computer Science

PROPOSED MINORS:

- Statistics
- Mathematics
- Computer Science