

## Department Overview

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Data Science (DS) : The Department of Computer Science & Engineering (Data Science) was established in the year 2020-21, offering under graduate program with the annual intake 60 students. The laboratories of the department are well equipped with advanced and sophisticated instruments, to fully satisfy the training needs of the students. A pre-placement training program and add-on courses (over and above the syllabi) from tie ups and MOUs with industries is in place and accommodated along with the class work from second year onwards.

The Department has four State-of-the-Art Computer Laboratories each with 66 Compaq Dual Core systems of high-end configuration and Wi-fi connectivity. There are three high end servers of HP PROLIANT series used for JNTU online exam in addition to a Window server and Linux server catering to the intranet and web needs.

The department aims at working on consultancy-based projects from industry. The department strives to build a highly motivated R&D team in collaboration with some of the top research based organizations. The research could be implemented as fund based projects from government/ private industry. The department has tied up with professional bodies like IEEE, CSI, ISTE and built professional student chapters.

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data, apply knowledge and actionable insights from data across a broad range of application domains.

Computer Science is no more a branch now; it is a whole new world of emerging technologies that impact our lives. Industry is seeking young engineers who have knowledge of these technologies and have been trained on them by experts throughout their course work. Data Science and Artificial Intelligence are two such futuristic technologies which will be helping companies manage their data, look for patterns and insights in information, deliver customer experiences, and optimize workflows.