

JSS Academy of Technical Education
INFORMATION SCIENCE AND ENGINEERING
Master of Technology in Data Science

M.Tech in Data Science was started in the year 2021 with an intake of 18 students. The Post Graduate Program in Data Science is an affiliated program offered by Visvesvaraya Technological University (VTU), Belagavi. It is a TWO year program and the curriculum is designed by the university. Data science offers many career opportunities, that includes data analysts, data scientists, machine learning engineers, and business analysts. The essential skills for these roles require data analysis, programming, statistical analysis, and machine learning, among others and are facilitated through M.Tech in Data Science Program. Experienced faculty members with doctoral degrees handle the courses for this program.

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M. Tech Coordinator: Dr. Naidila Sadashiv

Vision:

- To emerge as a centre of academic excellence, by producing competent professionals to meet the global challenges in the field of Information Science and Technology

Mission:

- Prepare the competent professionals to meet the advancements in the industry and academia by imparting quality technical education.
- Enrich the technical ability of students to face the world with confidence, commitment and team-work.
- Inculcate and practice strong techno-ethical values.

Program Outcomes:

PO1: An ability to independently carry out research /investigation and development work to solve practical problems

PO2: An ability to write and present a substantial technical report/document

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program.

PO4: An ability to conduct research in the Data Science domain and provide sustainable engineering solutions in societal context.

PO5: Students should be able to engage in independent and life-long learning in the dynamic field of Information Technology.

PROGRAM EDUCATIONAL OBJECTIVES:

The Postgraduates will be able to:

PEO 1: To demonstrate analytical and technical problem-solving abilities in the domain of Data Science.

PEO 2: To adapt to the advancements in the industry and academia through lifelong learning with techno-ethical values.

PEO 3: To engage in research and development leading to innovations.