

M.Tech in CSE with specialization in Data Analytics (JIIT) M.Tech (Data Analytics) is an inter-disciplinary program offered by Department of CSE & IT and is designed to meet the huge manpower shortage in this field. All business and government organizations working in commerce, policy, insurance, finance, economics, engineering, infrastructure, energy, healthcare, education, security, sports, media, culture, etc. are increasingly relying on computational tools and techniques of data analytics for taking informed decisions. This program has been designed to develop the ability to apply and develop computational techniques and systems to draw insights from big data in a variety of application domains. The curriculum exposes students with all aspects of data analytics including research design, data collection, preparation analysis, integration, visualization, and interpretation. In addition to CSE & IT Department, Departments of Mathematics, HSS as well as Business School will also contribute to this program. The core courses include statistical data analysis, financial econometrics, data Ware-housing and data mining, pattern recognition and machine learning, large scale graph analytics, empirical research and laboratories. Students will also be offered several electives on theoretical, systemic, algorithmic and applied aspects of data analytics. This two year full. Time program is open for candidates with B.Tech. (in any discipline) or Masters (in Computer Applications/ Computer Science/IT/ Maths/ Statistics/ Operations Research/ Physics/ Electronics/ Instrumentation) or equivalent.