M.Tech. (Computer Engg. (Data Science))

Program Educational Objectives (PEOs)

PEO-1. Graduate will have successful professional career as innovators, entrepreneurs, and business professionals who will be able to adapt to an ever-changing world and its demands for computational and data analytic skills.

PEO-2. Graduate will undertake research work or pursue higher studies by acquiring in depth knowledge in data science and allied fields.

Program Outcomes (as per NBA-PG SAR Guidelines)

PO-1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO-2: An ability to write and present a substantial technical report/document.

PO-3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO-4: Students should be able to analyse and relate critically to different sources of information, datasets and data processes; and apply these to structure and formulate data-driven reasoning.

PO-5 : Students should be able to apply modern data science methods to the solution of real world business problems, communicate findings, and effectively present results using data visualization techniques for societal benefits.

PO-6: Recognize and analyse ethical issues in business related to intellectual property, data security, integrity, and privacy.

M.Tech. (Computer Engg. (Cyber Security))

Program Educational Objectives (PEOs)

PEO-1. Graduate will be successfully recognized as superiors for their problem solving capabilities and professional skills in the field of Cyber Security.

PEO-2. Graduate pursue higher studies or research career by acquiring in depth knowledge in cyber security and allied fields.

Program Outcomes (POs)

PO-1: An ability to independently carry out research /investigation and development work to solve practical problems.

PO-2: An ability to write and present a substantial technical report/document.

PO-3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO-4: Design and Innovate computing systems addressing diverse needs in the domain of cyber security.

PO-5: Analyze the requirements of cyber security and design operational strategies and policies.

PO-6: Use cyber security solutions to analyze ethical, legal and social implications to solve real world problems.