

DEPARTMENT OF MATHEMATICS, BIOINFORMATICS AND COMPUTER APPLICATIONS

Computer Applications

Data Science

Data Science Essentials and Statistics, .Artificial Intelligence and it's Application, Machine Learning, Deep learning for computer vision and text: CNN and its variants, RNN, LSTM and Gated Recurrent Units, NLP. Data Structures and Algorithms, Database Management System.

Software Engineering

Software Process Models, Software Requirements, Architectural Design, Software Quality, Estimation and Scheduling of Software Projects, Project Management, Project Scheduling and Staffing, Software Re-engineering, Design Pattern, Agile Software Development, Software Testing Methodologies & Tools, DevOps, Service Oriented Architecture, Data Structures and Algorithms, Database Management System.