Computer Science and Data Analytics (CSDA): 3 Years Undergraduate Program

Program Learning Objectives and Learning Outcomes (PLO):

Program Learning Objectives:	Program Learning Outcomes:
Program Goal 1: To impart participant of the program with a solid foundation in mathematical, scientific fundamentals and, algorithms required to solve problems related to data analytics	**Program Learning Outcome 1a**: The graduate must be able to understand, analyze and develop computer programs for specific problems. **Program Learning Outcome 1b:** Ability to apply and analyze computational concepts of data analytics
Program Goal 2: To Identify, formulate, and analyse problems in computer science and data analytics.	**Program Learning Outcome 2:** The graduates with ability to Identify, formulate, and analyse problems in data analytics reaching conclusions using principles of mathematics, natural sciences, and algorithms.
Program Goal 3: To design solutions for real world data science problems specific to meet the needs of societal requirement.	**Program Learning Outcome 3:** The graduate must be able to design solutions for emerging problems specific to data science
Program Goal 4: To apply techniques, resources, and modern tools with an understanding of the limitations	**Program Learning Outcome 4a:** The graduate must be able to employ modern technologies. **Program Learning Outcome 4b:** Ability in creating entrepreneurship, explore higher studies and jobs in industry
Program Goal 5: To function effectively as an individual with leadership qualities in diverse environment, and in multidisciplinary settings.	**Program Learning Outcome 5:** The graduate must be able to engage independently and lifelong learning in broad context of technological changes in the field of data science.