

Faculty of Engineering & Technology

Analysis and Design of Algorithms

Information:

Course Code: EED461 Level : Undergraduate Course Hours : 3.00- Hours

Department: computer

Description:

This is an intermediate algorithms course with an emphasis on teaching techniques for the design and analysis of efficient algorithms. Emphasizing methods of application. Topics: Divide-and-conquer, Randomization, Dynamic programming, Greedy algorithms, Incremental improvement, Complexity, and Cryptography. We will focus on studying basic algorithms at a finer level of detail and more advanced algorithms and data structures.