Faculty of Engineering & Technology

Analysis and Design of Algorithms

Information :

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

Department : Computer & Intelligent Systems Engineering

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.

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