

**Details of Project:**

Title:	Digital Data Forensics
Objective:	To perform forensic examination in the process of locating, identifying, recovering and preserving of digital data.
Background:	<p>Before any forensic data recovery can take place, e.g. from very badly damaged hard drives, there is a need to have an in-depth understanding of different digital signatures of various types of data that are stored.</p> <p>The project aims to develop the technical know-how which subsequently can be translated into tools to recover data efficiently and economically. It will involve the following activities:</p> <ul style="list-style-type: none"><li>(a) Background research on digital signatures of various types of data.</li><li>(b) Design and develop algorithm to perform identification, recovery and categorisation of data.</li><li>(c) Develop a GUI application based on algorithm.</li></ul>
Skills Required:	Experience in C++ programming
Faculty (major):	Electrical Engineering / Computer Engineering
Duration	6 Months
Individual/Team Project	Individual