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iCSITM Usefulness of Modern Scientific Methods in Criminal Investigation and Criminal Proceedings

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Abstract

Advanced in modern scientific methods are greatly have a positive impact in Criminal Investigation and Criminal Proceedings in different area of Forensics Science and Medicine. Digitizing and documentation of the whole crime scene might give a positive outcome in assisting investigating officer in criminal investigation and proceedings. There are several ways in digitizing crime scene, such as photograph, videograph or surface scanning. However, in term of crime scene investigation, the main issue will rely on the practicality of the techniques or tools implies. iCSITM, Crime Scene Investigation application brings the ease and practicality of digitizing crime scene in its functionalities to make it a greater tool in helping forensic investigating officer in criminal investigation. iCSITM uses photograph as its main input file. Recording crime scene and investigation process are improved by using the advancements in digital photography technique, such as panoramic viewing, 3D measurement, digital tagging and annotation of evidence in video or image format, and crime scene walkthrough. iCSITM compiles all input in a case file which can easily demonstrate during criminal proceeding. In Malaysia and in any democratic system rule of law, criminal procedure puts the burden of proof on the prosecution. iCSITM aids in the justice delivery by helping prosecutor to prove the actual accused to be proven guilty beyond any reasonable doubt.