

RESEARCH FOCUS

DATABASE	Integrity, Access Control, Security, Integration and Extraction, Cache Management, Context-aware Query Processing, Multimedia, Ontology
DATA	Data Warehouse, Big Data Analytics, Data Mining, Data Quality, Data Integrity
MANAGEMENT	Data, Information, Knowledge, Wisdom
TECHNOLOGIES AND APPLICATIONS	Mobile Application, Web-based Computing, Peer-to-Peer System

CONTACT US



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RECENT PROJECTS

DBTA is active in its research activities. This is shown through the amount of grants we have received in numerous research projects. Our most recent projects are:

- ▶ Visual Analytics for Land Use Land Cover Change Management (Putra Grant Scheme – RM50,000)
- ▶ Infrastructure Requirement Model for University Open Research Data Repository (UORDRE) (Putra Grant Scheme – RM454, 600)
- ▶ A new countermeasure method to minimize consistency anomalies in heterogeneous sensor databases based on relaxed-ACID and BASE properties (FRGS – RM66, 000)
- ▶ National Security Threat profiling (collaboration with Cyber-Security Malaysia, MOSTI – RM142,500)
- ▶ A New Multidimensional Model for Data Warehouse based on Changing Requirements and Data Sources to Enhance the Quality of Logical Schema (FRGS – RM97, 000)
- ▶ A Novel Region-Based Surveillance Video Retrieval Model to Formulate Various Query Types Through Relevance Feedback and Bag-Of-Regions (FRGS – RM 64,000)

MISSION

DBTA's mission is to be a productive and high-repute research group in data management research locally and globally

OBJECTIVE

DBTA's objective is to consistently producing highly relevant and critical database-related research outputs