IT8212  Cloud Computing

Course Aim  This course aims to develop student skills in Cloud infrastructure, Cloud deployment and service models. The students will be able to identify the architecture and infrastructure as a foundation of Cloud Computing, differentiate between Cloud Computing types which mainly include Public, Private and Hybrid. Analyze and evaluate common issues and suggest appropriate solutions.

Short Title  None
Faculty  EDICT
Credits  15
Pre-requisites  IT7004 (ITB6004)
Co-requisites  None
Anti-requisites  None

Version  4
Effective From  February 2017
Indicative NQF Level  8
Student Contact hrs  60
Self-directed hrs  60
Other directed hrs  30
Total learning hrs  150

Learning Outcomes  On successful completion of this course, students will be able to:

1. Demonstrate critical knowledge and understanding of Cloud Computing Infrastructure theories, concepts and technologies
2. Critically analyse and evaluate the applicability of Cloud Computing for different business scenarios
3. Implement an appropriate Cloud Computing environment for a complex business requirement

NQF Sub-strand  Theoretical Understanding Theoretical Understanding Practical Application of knowledge