2198	Data bases

Data Base Management Systems Architecture. Management Applications and Data Bases. Elicitation of user requirements. Introduction to relational Data Base structures. Conceptual modelling with Entity Relationship diagrams (ERDs). Transforming ERDs into relational structures. Normal Forms and database schema normalization. Basics of DDL and DML SQL. Implementing Data Bases queries and user interfaces in the laboratory using commercial Data-Base management Systems. Coursework –designing and coding a specific database application.