

RDBMS laboratory (IT-5007)

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| Course Code | IT-5007 | Credits-2 | L -0, T-0, P-2 |
| Name of the Course | RDBMS Laboratory | | |
| Lectures to be Delivered | 26 hours of lab work (2hrs each per week) | | |
| Semester End Examination | Max. Marks: 50 | Min. Pass Marks: 40 | Maximum Time: 3hrs |
| Continuous Assessment | Lab work 30%, Lab Record 25%, Viva/ Hands on 25%, Attendance 20%) | Max. Marks: 50 | |

Instructions for paper setter/ Candidates

Laboratory examination will consist of two parts:

- (i) Performing a practical examination assigned by the examiner (25 marks)
- (ii) Viva-voce examination (25 marks)

Viva-voce examination will be related to the practicals performed / projects executed by the candidate related to the paper during the course of the semester.

RDBMS

1. Familiarization with RDBMS (ORACLE/FOXPRO using VISUAL BASIC as front end) & developing a small application.
2. Create a database and write the programs to carry out the following operation:
 1. Add a record in the database
 2. Delete a record in the database
 3. Modify the record in the database
 4. Generate queries
 5. Generate the report
 6. List all the records of database in ascending order.
3. Develop a menu driven project management of database system:
 7. Library information system
 - a) Engineering
 - b) MCA
 8. Inventory control system
 - c) Computer Lab
 - d) College Store
 9. Student information system
 - i. Academic
 - ii. Finance
 - iii. Time table development system
 - iv. CSE, IT & MCA Departments
 - v. Electrical & Mechanical Departments

Usage of S/W:

1. VB, ORACLE and /or DB2
2. VB, MSACCESS
3. VB, MS SQL SERVER 2002

Note: At least 5 to 10 more exercises to be given by the teacher concerned.