| The state of the s | A ENGINEERING COLLEGE (Au | tonon | ious) | Syllal | ous | | R | 2015 | |
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| DEPARTMENT | INFORMATION TECHNOLOGY | Programme Code & Name | | | | | r | IT | |
| | SEMESTER- | 111 | | | | | | | |
| COURSE | COURSE NAME | PERI | PERIODS/WEEK CREDIT M | | | | A TO COMPANY | MAXIMUM MARKS | |
| 15IT14302 | DATABASE TECHNOLOGY | | L T P 3 0 0 | | | C 3 | 100 | | |
| Objectives | Design of database for any Design Logical Database S level schema through Data Understand the practical properties of the properties of the practical properties. | chem base I oblen | a and angu | Mapp age Fe | atur | es. Sy conti | rol and | l its | |
| UNIT-I | RELATIONAL DATABASES ase System-Views of data- Database I | | | | | | | 9 | |
| Relational Design Form-Decomposit Application Progra | DATABASE DESIGN and the E-R Model: Overview-E Issues Relational Database Design: I ion using Functional Dependencies ams and User Interfaces-Web Fundam | eature. | es-Ato | inic I | oma | ains an | d First | t Norma | |
| Storage and File S Tertiary Storage-F Tree Index Files-N Query Cost-Select UNIT-IV Transactions: Tra Atomicity and D | DATA STORAGE AND QUERYII tructure: Overview of Physical Storage ile Organization. Indexing and Hashin fultiple -Key Access-Static Hashing. Conference of the | NG Magg: Bas Query -Quer | netico sic Co Proce y Opt Mode | Disk ancepts ssing: imizat | and JS and F s-Orc Ove ion. | Clash St dered In rview- | torage ndices Measu | 9 -RAID- -B+ ires of | |
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| Storage and File S Tertiary Storage-F Tree Index Files-N Query Cost-Select UNIT-IV Transactions: Tra Atomicity and D Deadlock Handling UNIT-V Recovery System: Buffer Management Server System Arc TEXT BOOKS: 1. Abraham Sil Concepts", Six 2 C.J.Date, A.J. Eighth Edition, REFERENCE Bo | tructure: Overview of Physical Storago ile Organization. Indexing and Hashin Multiple -Key Access-Static Hashing of Operation-Sorting-Joint Operation TRANSACTION MANAGEMENT Insaction Concept-A Simple Transacturability-Transaction Isolation. Concept-Based Protocols-Validate SYSTEM ARCHITECTURE Failure Classification-Storage-Recovent. Database-System Architectures: Centre Concept-Based Protocols-Validate Insaction Parallel Databases: I/O Parallel Databases: I | PAGE Magger Base Query - Quer ction current ion-B ery and entralical lelis | neticosic Co Proces y Opt Mode cy Cased I d Ato zed an m-Di | Disk a neepts and processing: imizat l-Stora control Protocol micity and Cliestribut TOT | and Js. Over one of the control of | Structu Structu Ock-Ba | torage andices Measure-Trased P Algoria Architeses. | 9 -RAID-B+ ures of 9 ansactic rotocol 9 ithm- ectures- 45 | |