

PDEA'S

Mamasaheb Mohol College, Paud Road, Pune – 38

Computer Science Department

Course Name: SEM-I, PAPER II – Business Intelligence (4 Credits, 48 lectures)

Course Outcomes: (CO-CSUT122)

| Learning Outcomes | Teaching learning strategies /Activities | Assessment tasks/tools |
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| CO122.1 Students learn many techniques of wireless communication. | Lecture method, Problem solving sessions, Peer Learning. | Assignment Test Exam |
| CO122.2 They develop new technology by applying networking concepts. | Practical method | Practical Assignment Test Exam |
| CO122.3 They design modular and user-friendly concepts of applications. | Lecture method, Practical method | Test Exam |
| CO122.4 Students design solutions for wireless security issues. | Lecture method, Practical method | Practical Assignment |

| Course | Course Specific Outcome (CSO) | Teaching Methodology | Reference |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------|
| Introduction to Business intelligence | Definition and History of BI, Transaction processing versus analytical processing, BI implementation, Major tools and techniques of BI | Theory | Mobile communication by John Shiller |
| Data warehousing | Definition and concepts, Data warehouse architecture, ETL process, data warehouse development, Top down vs. Bottom up, Data Mart vs. EDW, Implementation issues, Real-time data warehousing | Theory | Beginning Android Application Development Wei-Meng Lee Wiley |
| | Android architecture, components | | |
| Business performance management | Key performance indicators and operational metrics, Balanced scorecard, Six Sigma, Dashboards and scorecards | Theory, Assignment | Beginning Android Application Development Wei-Meng Lee Wiley |

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| Data Mining for Business Intelligence | Data mining process, Data mining methods, ANN for Data Mining | Theory, Assignment | Beginning Android Application Development Wei-Meng Lee Wiley |
| Text, and Web mining for Business intelligence | Text mining Applications, Process and Tools, Web content, structure and usage mining | Theory, Assignment | Beginning Android Application Development Wei-Meng Lee Wiley |
| BI implementation , Integration and emerging trends | Implementing BI, BI Application Life Cycle , Connecting BI to Enterprise systems, On- demand BI, Issues of legality, privacy and Ethics, Emerging topics in BI, Social Networking and BI, RFID and BI | TheoryAssignment | Beginning Android Application Development Wei-Meng Lee Wiley |