

Class: B.Voc.(Networking And Mobile Applications)
Subject: WIRELESS NETWORKS
Paper (U.G): BVNM-16-33

Semester: THIRD

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to Wireless Networks Architecture, Characteristics, Applications, Issues, Wireless vs. Wired Networks, Circuit Switched Networks and Packet Switched Networks, Multiple Radio Access.
2	They will study about the Cellular Network Generations, Wireless LANs, Physical layer, MAC Sub-Layer, MAC management Sub-Layer, Other IEEE 802.11 standards.
3	Students will familiarize with Ad-Hoc Networks, MAC Protocol, Classification of MAC Protocols.
4	They will grasp the Knowledge about the MANET Routing Protocols, Wireless MANs and PANs, Wireless MAN-Physical and MAC Layer Details.

Class: B.Voc.(Networking And Mobile Applications)
Subject: MOBILE COMMERCE & USER-CENTERED INTERFACE DESIGN
Paper (U.G): BVNM-16-34

Semester: THIRD

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to Electronic Commerce, Technology and Prospects, Need of E-Commerce, Advantages and Disadvantages, Framework, Different E-Commerce Models, Mobile Commerce.
2	They will study about the Electronic Payments - The Set Protocol, Payment Gateway, Digital Certificates, Tokens, Smart Card, Credit Card.
3	Students will familiarize with User Centered Interface Design (UCD) and Human Computer Interaction (HCI).
4	They will grasp the Knowledge about the Interaction/ Interface Evaluation.

Class: B.Voc.(Networking And Mobile Applications)

Semester: THIRD

Subject: REALTIONAL DATABASE MANAGEMENT SYSTEM

Paper (U.G): BVNM-16-31

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to DBMS, Characteristics, Applications, Advantages, Schema and Database States, 3-Level Architecture, Data Independence, Database Users.
2	They will study about the Data Models, Entity Type, Entity Set, Attributes and their Types, Keys, ER Diagram, Data Integrity, Introduction to RDBMS, Components, Codd's Rules.
3	Students will familiarize with Relational Algebra, Normalization - 1NF, 2NF, 3NF, BCNF.
4	They will grasp the Knowledge about the Data Types, Tables, Creating Tables, View In Tables, Eliminating Duplicacy, Insert, Delete, Update and Modify, Renaming, Truncating and Destroying Tables, Data Constraints, Data Functions.
5	They will exacerbate their knowledge with PL/SQL Transactions, Transaction Concept, Close Transaction, Save Point, Cursor and its Types, PL/SQL Security.

Class:B.Voc.(Networking And Mobile Applications)

Semester:FOURTH

Subject: OPERATING SYSTEM

Paper (U.G): BVNM-16-41

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to Operating system functions and characteristics, historical evolution of operating systems, Types of operating systems, system calls, system programs.
2	They will study about the Process Management, CPU Scheduling.
3	Students will familiarize with Storage Management, Thrashing.
4	They will grasp the Knowledge about the Device Management, Disk Scheduling.

Class:B.Voc.(Networking And Mobile Applications)

Semester:FOURTH

Subject: NETWORK SECURITY

Paper (U.G): BVNM-16-42

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to Concepts Of Security - The Need for Security, Security Approaches, Cryptographic Techniques, Symmetric and Asymmetric Key Cryptography.
2	They will study about the Computer-Based Symmetric Key Cryptographic Algorithms, International Data Encryption Algorithm, Differential and Linear Cryptanalysis.
3	Students will familiarize with Computer-Based Asymmetric Key Cryptography, Knapsack Algorithm.
4	They will grasp the Knowledge about the Internet Security Protocols, Security on Various Layers of Communication Model.

Class: B.Voc.(Networking And Mobile Applications) Semester: FOURTH
Subject: SOFTWARE TESTING
Paper (U.G): BVNM-16-43

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to Testing and Debugging, Software Quality, Requirement Behaviors and Correctness, , General Principles of Testing, Test Metrics, Role of Testing in SDLC .
2	They will study about the Black Box Testing, Advanced Black Box Techniques.
3	Students will familiarize with White Box Technique, Advanced White Box Techniques.
4	They will grasp the Knowledge about Test Management, System Testing .

Class: B.Voc.(Networking And Mobile Applications) Semester: FOURTH
Subject: NETWORK SECURITY
Paper (U.G): BVNM-16-44

S. No.	Course Outcomes
1	They will grasp the Knowledge about the Introduction to Concepts Of Android Service API, Android Started Service, Bound Service, Android Service Life Cycle, Storage in Android.
2	They will study about the Android Notification, Builder Class Android Notification Examples.
3	Students will familiarize with Introduction of Multimedia in android, Sensors.
4	They will grasp the Knowledge about the Android Animation, Graphics API, Android Map.