MUC/RG/AC/22-23/120   Date: 27/07/2024

NOTIFICATION

The 8th Meeting of the Academic Council, Majuli University of Culture, Majuli held on 27/05/2024 vide **Resolution No.10** has approved the **Value Added Course Digital Literacy** for 3rd Semester of Five-Year Integrated Masters(FYUGP+1 Year Masters) Programme of Majuli University of Culture, Majuli, with effect from the Academic Session 2024-2025.

Enclosed: As Annexure I

Issued with due approval.

Academic Registrar
Majuli University of Culture
Majuli

Copy to:

1. The Hon'ble Vice-Chancellor, MUC, Majuli for favour of kind information.
2. Registrar, MUC, Majuli for favour of kind information.
3. Controller of Examinations, MUC, Majuli for kind information.
4. The Heads of the Departments, MUC, Majuli, Assam for information and needful.
5. Website in-charge, MUC, Majuli needful.
6. Office file.

Academic Registrar
Majuli University of Culture
Majuli

Syllabus for Value Added Course
Digital Literacy for 3rd Semester of Five-Year Integrated Masters (FYUGP+1 Year Masters) Programme

MAJULI UNIVERSITY OF CULTURE

<p style="text-align:center">**Course Name: Digital Literacy**
Course Code: VAC231
Nature of the Course: Value Added Course
Total Credits: 02 [L:2 T:0 P:0 per week]
Distribution of Marks: In-sem: 30%, End-sem:70%</p>

Course Objective: The objective of this course is to enable students with the necessary skills and knowledge to use digital technologies with a key focus on basic understanding of computer systems, operating systems, Database Management Systems (DBMS), and Networking.

Course Outcomes (COs): On completion of this course –

1. Students will be able to describe the basic concept of a computer system, hardware, software and number systems.
2. Students will be able to understand the foundational concept of operating systems and application software.
3. Students will be able to understand the application of Database Management System and Computer Networks and apply these concepts for development and operations of different computer systems.

Unit	Course Content	Contact Hours
Unit-1	Introduction to Computer Systems and Basic Concepts: Definition, Generation of Computers, Components of a Computer System, Input/Output Devices, Hardware and Software, Number Systems and Boolean algebra.	8
Unit-II	Basic concept of an Operating System and Application Software: Definition of Operating System, Types of Operating System, Examples of Operating System, Process and Memory management, Introduction to different Application Software-Word Processing, Spread Sheet, Power Point	10
Unit-III	Database Management Systems and Computer Networks: Overview of Database Management System, Introduction to Query Language-SQL Introduction to Computer Networks, Types of Networks-LAN, MAN, WAN, Topologies, Transmission Media, Layered Architecture, Different Networking Devices, TCP/IP Protocols, E-mail, Internet	12

References:

1. R.S. Salaria, Fundamentals of Computer and Information Technology (A gateway to computer Literacy), Khanna Publishers,2022
2. E. Bala Guruswamy, Fundamentals of Computers, McGraw Hill Education
3. A. Silberschatz, Korth, H. F., and Sudarshan, S. Database System Concepts, McGraw-Hill, 7th Edition. 2019.
4. Tanenbaum, Computer Networks, Pearson Education, 5th Edition, 2013
5. B.A. Forouzan, Data Communication with Networking, McGraw Hill, 6th Edition,2022

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