

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2025-26

Name of Assistant Professor: PAWAN KUMAR

Class & Sem.: B.Sc. 2nd Sem. Subject: Digital and Technological Solutions.

Months	Topics/Chapters to be covered
Jan 2026	<p style="text-align: center;"><u>UNIT-I</u></p> <p>Definition of Digital Systems, Evaluation of Digital Systems, Role and Significance of Digital Computer, ICT Applications and Advantages and Tools. Digital computer functions and its working. Software and its Types operating System, its types and functions. Problem Solving, Algorithms and Flow Charts.</p> <p style="text-align: center;">class Test - 1</p>
	Feb 2026
March 2026	
	April 2026

Pawan Kumar,
Signature of Assistant Professor

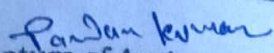
GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2025-26

Name of Assistant Professor: PAWAN kumar

Class & Sem.: B.Com 2nd Sem. Subject: Digital and Technological Solutions.

Months	Topics/Chapters to be covered
Jan 2026	<p style="text-align: center; color: red;">UNIT - I</p> <p>Definition of Digital Systems, Evaluation of Digital Systems, Role and Significance of Digital Computer, ICT Application and advantages and Tools, Digital Computer Functions and IT working. Software and its type, operating System, its types and functions, Problem Solving, Algorithms and Flow charts. Presentation and class Test - Unit - I</p>
Feb 2026	<p style="text-align: center; color: red;">UNIT - II</p> <p>Communication System - Principles, Model and Transmission Media. Computer Networks - LAN WAN, MAN, INTERNET - Definition and Applications of Internet, WWW, web Browsers, Search Engine, messaging, Email, Social Networking, E-commerce, Digital Marketing - Basic Concept. Benefits and challenges of Digital Marketing. class Test</p>
March 2026	<p style="text-align: center; color: red;">UNIT - III</p> <p>Emerging Technologies and Their Applications - overview of Artificial Intelligence, Machine Learning, Deep Learning, Big Data, Data Sources and Big Data Analysis. IIOT - Industrial Internet of Things Robotics and 3D Printing, Block Chain Technology, Quantum Computing cloud Computing and its service models. UNIT TEST - III</p>
April 2026	<p style="text-align: center; color: red;">UNIT - IV</p> <p>Digital India and E-Governance Initiatives, Infrastructure Services and Empowerment, Digital Financial Tools. Unified Payment Interface, Aadhar, Enabled Payment System, USSD, Credit/Debit Cards, E-wallets, Internet Banking, NIFT/RTGS and IMPS, online Bill Payment POS, Cyber Security - Threats, Significance, challenges, Precautions, Safety Measures and Tools. UNIT TEST - IV</p>


 Signature of Assistant Professor