

Lesson Plan (VAC-Digital and Technological Solutions)- (Odd Semester 2025-26):-

01	August 2025	Introduction & Evolution of digital systems: - Role & Significance of digital Technology. Information and Communication Technology and its Tools. Computer System and its Working. Software and its Types. Operating system: - Types and Functions.
02	September 2025	Problem Solving: - Algorithms and Flowcharts. Communication systems: - Principles, Model and Transmission Media. Computer Networks and Internet: - Concepts and Applications, WWW, Web Browser, Search Engine, Messaging, Email, E-Commerce, Digital Marketing etc.
03	October 2025	Artificial Intelligence, Machine Learning and Deep Learning, Big Data Science, Big Data Analytics, Internet of Things and Industrial Internet of Things, Robotics and 3D Printing, Block-chain Technology, Quantum Computing, Cloud Computing and its service models.
04	November 2025	Digital India:- Initiative, Infrastructure, Services and Empowerment, Digital Financial Tools: UPI, Aadhar Enabled Payment System, USSD, Credit Card/Debit Card, E-Wallets, Internet Banking, NEFT/RTGS and IMPS, POS, Online Bill Payment, Cyber Security:- Threats, Significance, Challenges, Precautions, Tools etc.

Kolishan