Lesson Plan Digital and Technological Solutions
(Value Added Course)
Odd Semester (2024-25)

01	August 2024	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 2024	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 2024	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 2024	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.

Kaushu