

WORK PLAN (Odd Semester: August – November 2025)

Paper Name: DSE/GE/Data Privacy

Course: B.A. (Program) with Computer Application – V Semester

Teacher Name: Mr. Rajeev Kumar Rai

S. No.	Month	Content
1	August 2025	Introduction to Data Privacy and Privacy Regulations: Notion of data privacy, Historical context of data privacy, Types of sensitive data, Privacy laws and regulations
2	September 2025	Data Privacy Attacks, Cryptography and Data Protection: Types of attacks/data breaches on data privacy, Impact of data breaches/attacks, Introduction to cryptography, Symmetric and asymmetric encryption, Hashing and digital signaturesRevision, Lab Practice Assignment 1 Class Test 1
3	October 2025	Data Collection, Use and Reuse: Harms associated with data collection, use and reuse, Introduction to data anonymization, Data anonymization techniques, Challenges in anonymizing data Lab Practice Assignment 2 Class Test 2
4	November 2025	Ethical Considerations in Data Privacy: Privacy and surveillance, Ethics of data collection and use, Bias and discrimination in data analysis Revision Lab Practice

Note:

Lab exercises, assignments, and class tests will be conducted in alignment with the listed topics throughout the semester.