

# **Postgraduate Diploma in e-Governance**

## **SYLLABUS**

### **Core Courses**

#### **SEMESTER-I**

1. Introduction to Information Technology
2. Information Security
3. Software Engineering and Enterprise Architecture
4. Introduction to e-Governance and Digital Transformation
5. Research Methodology and Analytics in Government
6. Principles of Information System Management
7. Service Delivery Improvement & Government Process Re-engineering
8. e-Governance Project Management

#### **SEMESTER-II**

1. Transactional Services
2. Financial Management and Policy Framework for e-Governance
3. Designing of e-Governance Projects and Public Private Partnership
4. Recent Developments in Technology and Governance

### **Elective Courses**

#### **SEMESTER-I**

1. Systems and Network Administration
2. Advance Cyber Security
3. Problem Solving and Principles of Programming
4. Introduction to Full Stack

#### **SEMESTER-II**

5. Geo-spatial Technology Applications
6. e-Governance Standards and Frameworks
7. Big Data Analytics and Business Intelligence in Government
8. Digital Marketing, Citizen Engagement and Social Media Optimization

#### **Internship / Project**

1. Two weeks Study Tour to learn Other States' e-Governance Projects at the end of first semester

2. Two weeks case study on e-Governance project design and procurement (Preparation of DPR, RFP, Evaluation of Bids, etc.) in second semester
3. Two months internship on live projects in second semester

**Non-credit Courses**

1. Soft skills
2. Leadership skills
3. Innovation in Government
4. Internationally Recognized Certifications
5. Case Study Development