

EG-2-02T: E-Governance

Total Marks: 100
External Marks: 70
Internal Marks: 30
Credits: 6
Pass Percentage: 40%

Course: E-Governance	
Course Code: EG-2-02T	
Course Outcomes (COs)	
After the completion of this course, the students will be able to:	
CO1	Develop deep understanding about E-Governance and E-Government
CO2	Understand different E-Governance models and infrastructure development
CO3	Critically analyze E-Governance in Administration.
CO4	Participate in E- Governance activities.
CO5	Utilization of information technology to avail public services

Detailed Contents:

Module	Module Name	Module Contents
Module 1	Introduction to E-Government and E-Governance	Difference between E-Government and E-Governance; E-Government as Information System; Benefits of E-Government; E-Government Life Cycle; Online Service Delivery and Electronic Service Delivery; Evolution, Scope and Content of E-Governance; Present Global Trends of Growth in E-Governance
Module II	Models of E-Governance	Introduction; Model of Digital Governance: Broadcasting / Wider Dissemination Model, Critical Flow Model, Comparative Analysis Model, Mobilization and Lobbying Model, Interactive – Service Model / Government-to-Citizen-to-Government Model (G2C2G); Evolution in E-Governance and Maturity Models: Five Maturity Levels; Characteristics of Maturity Levels; Towards Good Governance through E-Governance Models
Module III	E-Government Infrastructure Development	Network Infrastructure; Computing Infrastructure; Data centers; E-Government Architecture; Interoperability Framework; Cloud Governance; E-readiness; Data System Infrastructure; Legal Infrastructural Preparedness; Institutional Infrastructural Preparedness; Human Infrastructural Preparedness; Technological Infrastructural Preparedness
Module IV	Security for e-Government	Challenges and Approach of E-government Security; Security Management Model; E-Government Security Architecture; Security Standards
Module V	Applications of Data	Introduction; National Data Warehouses: Census

	Warehousing and Data Mining in Government	Data, Prices of Essential Commodities; Other Areas for Data Warehousing and Data Mining: Agriculture, Rural Development, Health, Planning, Education, Commerce and Trade, Other Sectors
Module VI	Case Studies	E-Government Initiatives in India and Punjab state, Cyber Laws, Punjab Land Records, E-Sewa Portal of Punjab Govt.

Books

<ol style="list-style-type: none"> 1. R.P. Sinha, "E- Governance in India: initiatives and issues", Concept Publishing Company, 2006 2. Christopher G.Reddick, Jones & Bartlett, "Public Administration and information Technology", Learning, 2012 3. Shirin Madon , "E-governance for Development: A Focus on India", Palgrave Macmillan , 2002. 4. Ashok Agarwal, "E-Governance: case studies", University Press India, 2007. 5. Kamalesh N. Agarwala, Murli D. Tiwari, "IT and E-Governance in India", Macmillan, 2002. 6. Subhash C, "E-Government: from vision to implementation: a practical guide with case studies". 7. C.S.R. Prabhu, "E-Governance: Concepts And Case Studies", PHI ,2011
