

1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/Discussion / Seminar
- Midterm Exam
- Final Exam

Mapping of COs to Assessment Rubrics:

	Internal Exam	Assignment	Discussion / Seminar	End Semester Examinations
CO 1	✓	✓		✓
CO 2	✓		✓	✓
CO 3	✓	✓	✓	✓
CO 4	✓		✓	✓

9. E-GOVERNANCE

Discipline	COMPUTER SCIENCE				
Course Code	UK3DSCCSC208				
Course Title	E-GOVERNANCE				
Type of Course	DSC				
Semester	III				
Academic Level	2				
Course Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours/Week

	4	4 hours	-	-	4 hours
Pre-requisites	Awareness of the basics of Information Technology concepts is desirable.				
Course Summary	This course on E-Governance provides a comprehensive understanding of digital governance and its potential in transforming the functioning of governments, services they provide and modes of interaction with citizens.				

Detailed Syllabus:

Module	Unit	Content	Hrs (L)
I	Concepts of E-Governance		12
	1	Meaning, Concept of E-Governance, Objectives of E-Governance.	
	2	Types of Interactions of E- Governance- Government to Customer, Government to Employees, Government to Government, Government to Business.	
	3	Advantages, Disadvantages, Importance of E-Governance.	
	4	Components-Pillars of E-Governance, Goals of E-Governance, Some E-governance Initiatives in India	
II	Evolution of E-Governance		12
	5	Phases of E- Government in India-Informatics based E- Government	
	6	Personal Computer based E-Government	
	7	World Wide Web based E-Government	
	8	History and Evolution of E-Governance in India	
III	E-Governance Technologies and Principles		12
	9	Role of Technologies in E-Governance-Block Chain Technologies and E-Governance	
	10	Information Technology and E-Governance	
	11	Smart E-Government Platform through Technologies	
	12	Cloud Computing in E-Governance	
	13	Core Principles of E-Governance	
	14	E-Government is about Government than Online Presence	

	15	Promotion of E-citizens and E-democracy	
	16	Accessibility, use of Open Source over proprietary software	
	17	E-Business Plan, Strategies for Implementation of E-Governance, National E-Governance Plan	
IV	E-Governance Architecture		12
	18	E-Governance Architecture- India Enterprise Architecture (INDEA)- Vision, Purpose, Scope of INDEA	
	19	Structure, Principles, Reference Models of INDEA.	
	20	Opportunities, Challenges for E-Governance, Environmental and Social Challenges	
	21	Economic Challenges, Technical Challenges, Challenges of Implementation, Other Challenges, Security Drawbacks	
	22	Role of DeitY in good Governance	
V	Flexi Module		12
	23	Empowering India through E-Governance- MyGov Platform, Pahal, Paygov India, Aadhar Enabled Payment System, Smart Cities	
	24	Nine Pillars of Digital India	
	25	UMANG, Digital Locker, National Centre of Geo-Informatics, Rapid Assessment System, State Wide Area Network, e-Kranti, e-Taal, e_District, e-Sampark, e-Pramaan- Digital Life Certificate, e-Office, Open Forge Platform	

References

1. M Sumathy, A handbook of E-governance in India, Abhijeet Publishers, September, 2021.
2. M P Gupta, Prabhat Kumar, Jaijit Bhattacharya, Government Online Opportunities and Challenges, Tata McGraw Hill, 2003.
3. Prabhu C S R, E-Governance: Concepts and Case studies, PHI, (Second Edition), 2022.

Course Outcomes

No.	Upon completion of the course the graduate will be able to	Cognitive Level	PSO addressed
CO-1	Summarise concepts of E-Governance	U	PSO-1,2

CO-2	Illustrate the various phases of E-Government	Ap	PSO-1,2
CO-3	Interpret E-Governance Principles	U	PSO-1,2
CO-4	Identify Architecture and challenges in E-Governance	U	PSO-1,2

R-Remember, U-Understand, Ap-Apply, An-Analyse, E-Evaluate, C-Create

Note: 1 or 2 COs/module

Name of the Course: E-GOVERNANCE

Credits: 4:0:0 (Lecture: Tutorial: Practical)

CO No.	CO	PO/PSO	Cognitive Level	Knowledge Category	Lecture (L)/Tutorial (T)	Practical (P)
CO-1	Summarize concepts of E-Governance	PO 6,7 PSO-1,2	U	F, C	L	-
CO-2	Illustrate the various phases of E-Government	PO 6,7 PSO-1,2	Ap	F, C	L	-
CO-3	Interpret E-Governance Principles	PO 6, 7 PSO-1,2	U	F, C	L	-
CO-4	Identify Architecture and challenges in E-Governance	PO 6,7 PSO-1,2	U	F, C	L	-

F-Factual, C- Conceptual, P-Procedural, M-Metacognitive

Mapping of COs with PSOs and POs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
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CO 1	-	-	-	-	-	2	2	-	2	2	-	-
CO 2	-	-	-	-	-	2	2	-	2	2	-	-
CO 3	-	-	-	-	-	2	2	-	2	2	-	-
CO 4	-	-	-	-	-	2	2	-	2	2	-	-

Correlation Levels:

Level	Correlation
-	Nil
1	Slightly / Low
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Mapping of COs to Assessment Rubrics:

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CO 3	✓			✓
CO 4	✓	✓		✓