



ADIKAVI NANNAYA UNIVERSITY:: RAJMAHENDRAVARAM
B.A./B.Com Computer Applications for Arts/Commerce Syllabus (w.e.f:2020-21A.B)

B.A/B.Com	Semester – V (Skill Enhancement Course- Elective)	Credits: 4
Course: 9 - C	Real Time Governance System (RTGS)	Hrs/Wk: 3

COURSE OUTCOMES:

Upon successful completion of this course, students will have the knowledge and skills to

1. Understand the terms regarding Governance, E-Governance and RTGS
2. Learn about E-Governance Infrastructure
3. Understand the E-Governance implementation in several countries
4. Understand the E-Governance implementation in several Indian states
5. Understand the applications of RTG

Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

UNIT 1: Introduction to E-Governance

12hrs

- Government, Governance and Good Governance
- What is E-Governance or Electronic Governance?
- E-Government and E-Governance: A conceptual Analysis
 - ❖ Objectives
 - ❖ Components
 - ❖ application domains
 - ❖ four phase model
 - ❖ implementing E-Governance
 - ❖ issues while implementing E-Governance
 - ❖ Opportunities and challenges
- Types of E-Governance
- What is Real-Time Governance (RTG)
- Real Time Governance Society (RTGS)

UNIT 2: E-Governance Infrastructure

14hrs

- Data Systems infrastructure
 - ❖ Executive Information Systems
 - ❖ Management Information Systems
 - ❖ Knowledge Management Systems



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- ❖ Transaction Processing Systems
- Legal Infrastructural preparedness
 - ❖ IT Act 2000
 - ❖ Challenges to Indian law and cybercrime scenario in India
 - ❖ Amendments of the Indian IT Act
- Institutional Infrastructural preparedness
 - ❖ Internet
 - ❖ intranet
 - ❖ extranet
- Human Infrastructural preparedness
 - ❖ Top-level management
 - ❖ Middle-level management
 - ❖ Low-level management
- Technological Infrastructural preparedness
 - ❖ Information and communications technology
 - ❖ Data Warehousing
 - ❖ Cloud Computing

UNIT 3: E-Governance: Country Experience

12hrs

- INDIA
- US
- UK
- AUSTRALIA
- DUBAI

UNIT 4: E-Governance in India

12hrs

- Andhra Pradesh
- Karnataka
- Kerala
- Uttar Pradesh
- Madhya Pradesh
- West Bengal
- Gujarat

UNIT 5: Latest Applications in Real Time Governance

10hrs

- Agriculture
- Rural Development
- Health care
- Education
- Tourism
- Commerce and Trade

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Four Year B.A./B.Com (Hons) - Semester – V (from 2022-23)

Subject: Computer Applications for Arts/Commerce

Course-9-C: REAL TIME GOVERNANCE SYSTEM (RTGS)

MODEL QUESTION PAPER (Sem-end. Exam)

(Skill Enhancement Course (Elective), 4 credits)

Max.Marks:75

Time : 3Hrs

Section-A

Answer Any Five Questions

5*5=25M

1. Define RTGS
2. Explain about Good Governance
3. Short note on Knowledge Management Systems
4. Define Transaction Processing Systems
5. Define E-Governance in India.
6. What is Cloud Computing
7. Define Data Warehouse
8. Note on Commerce and Trade

Section-B

Answer ALL Questions

5*10=50M

9.a. What is E-Governance? Objectives, Components, application domains?

OR

b. Write about the types of Real-Time Governance (RTG).

10.a. Write Note on Data Systems Infrastructure, Executive Information Systems and Management Information Systems.

OR

b.Explain Legal Infrastructural preparedness and Cyber Crime scenario in India.

11.a. Explain E-Governance, Country Experience of US.

OR

b. Explain E-Governance: Country Experience of INDIA.

12a. Explain case study E-Governance in India of state Andhra Pradesh.

OR

b.Explain case study E-Governance in India of Gujarat state.

13.a.Write Applications in Real Time Governance in Agriculture sector?

OR

b.Write Applications in Real Time Governance in Education Sector.