



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

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

**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