Course Title: e-Governance
Course Level: UG
Course Code: CSIT311
Credit Units: 3

Course Objectives:
Electronic Governance (e-Governance) seeks to transform public service delivery and citizens' participation in government decision processes for both social and economic benefits.

- This course familiarize the students with the concept of e-Governance.
- This course aims to provide a basic understanding of e-governance strategies
- This course teaches how an effective strategic plan can be developed through a process.
- Conceptualization of ideas and development of service delivery models for improving the quality of service to citizen
- Teaches how to develop the vision, goals and objectives for e-governance

Pre-requisites: NIL

Course Contents/Syllabus:

<table>
<thead>
<tr>
<th>Module I: BASICS OF E-GOVERNANCE</th>
<th>Weightage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>e-Governance: Policies, Strategies and Frameworks</td>
<td></td>
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<tr>
<td>Information Society Concepts and Principles</td>
<td></td>
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<tr>
<td>Introduction to ICT and e-Governance</td>
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<tr>
<td>Technology and Society</td>
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<td>The State and Governance</td>
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<tr>
<td>Development Policies and Globalization</td>
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<tr>
<td>Business Information Systems</td>
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<tr>
<td>Government Process Re-engineering(GPR)</td>
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</table>
**Towards good governance through E-governance**  
**Introduction to e-Democracy**

### Module II : E-GOVERNANCE ARCHITECTURE

- Planning and Implementing e-Governance  
- Legal Framework of e-Governance  
- Enterprise Business Architecture Development  
- Public Management and Administration  
- Business Models for Implementation of e-Governance  
- Change Management and Capacity Building in e-Governance Projects  
- Data System Infrastructural preparedness  
- Infrastructural preparedness : Legal, Human, Institutional, Technological  
- Leadership and Strategic Planning

### Module III : E-GOVERNANCE TECHNOLOGIES

- Usability of Virtual Environments  
- Information Management and Digital Archiving  
- Design and development of Data Exchange Layer for Government Information Systems  
- Technology and Individual: Ethics of Law and Technology  
- Security and Privacy in a Networked World  
- Internet of Things: Smart Devices, Processes and Services  
- Legal Aspects of Software and Database Protection  
- Introduction to Development in Cloud  
- Technical Change and Techno-economic Paradigms

### Module IV : Comparative Study of E-Governance Portals around the Globe

- Study of e-Governance models of different countries,  
- Finding the gaps in each model,  
- E-Governance Maturity Model  
- Case Studies of e-Governance outside India
Module V: e-Governance Product and Services in India supported by NIC

- Overview of National e_Governance Plan (NeGP), e-POST, AGMARKNET, Examination Results Portal, Gyandoot e-Governance Project, JUDIS, Indian Passport portal, RuralBazar, Value Added Tax (VAT)

Student Learning Outcomes:
Upon completion of the subject, students will be able to:

- Identify the concept and need of e-Governance Projects
- Analyze advantages and disadvantages of e-government programs
- Identify major issues and strategies behind e-government programs
- Compare the different e-governance projects and analyze the maturity among models
- Prioritize types of e-government services

Pedagogy for Course Delivery: The course joins together Highly Interactive Lectures, Case studies, Quiz, interacting with e-Governance project experts in the field through guest lectures/seminars/workshops and understudy presentations. Classroom discussions form an important part of the learning experience. The readings for the course are attracted from text books, journals and new innovative ideas/articles published by experts of the e-Governance technical and administration experts. The understanding will develop from the comparative study of e-Governance Models of different countries.

Assessment/ Examination Scheme:

<table>
<thead>
<tr>
<th>Theory L/T (%)</th>
<th>Lab/Practical/Studio (%)</th>
<th>End Term Examination</th>
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<tbody>
<tr>
<td>100</td>
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Theory Assessment (L&T):

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<tr>
<th>Components (Drop down)</th>
<th>Continuous Assessment/Internal Assessment</th>
<th>End Term Examination</th>
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<tr>
<td></td>
<td>Mid-term exam</td>
<td>Case Study/Presentation</td>
</tr>
<tr>
<td>Weightage (%)</td>
<td>10</td>
<td>10</td>
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</tbody>
</table>
Text Books:
1. E-governance for Development: A Focus on India, Shirin Madon, Palgrave Macmillan, 2009
2. E-governance: case studies, Ashok Agarwal, University Press India, 2007
3. IT-e-Governance in India, Kamalesh N. Agarwala, Murli D. Tiwari, Macmillan, 2002
4. E-government: from vision to implementation: a practical guide with case studies, Subhash C. Bhatnagar, SAGE, 2004

References:
1. Electronic Governance and Cross-Boundary Collaboration: Innovations and Advancing Tools, Yu-Che Chen (Northern Illinois University, USA) and Pin-Yu Chu (National Chengchi University, Taiwan), Publisher: Information Science Reference, 2011

2. Public Information Technology and E-Governance: Managing the Virtual State by G. David Garson, Publisher: Jones & Bartlett Learning, 2006


4. Innovations In e-Government: Governors And Mayors Speak-Out, by Erwin Blackstone, Michael Bognanno & Simon Hakim


6. Governance and Information Technology From Electronic Government to Information Government edited by Viktor Mayer-Schönberger and David Lazer, Publisher: Massachusetts Institute of Technology, 2007