| 1.  | 1. Name of Course   |      |        |    |             | <b>Electronic Government Strategies</b>  |  |  |  |  |  |
|-----|---|------|--------|----|-------------|--|--|--|--|--|--|
|     |   |      |        |    |             | and Implementation   |  |  |  |  |  |
| 2.  | Course Code   |      |        |    |             | GCPS5053   |  |  |  |  |  |
| 3.  | Name(s) of academic stat  | ff   |        |    |             |  |  |  |  |  |  |
| 4.  | Rationale for the inclusio  |      | ne     |    | Core Module |  |  |  |  |  |  |
|     | course/module in the programme  |      |        |    |             | E-Government (Electronic Government, also known as, digital government) is enabled by information and communication technologies (ICTs) to improve the activities of public sector organizations to create a comfortable, smooth, transparent, and cheap interaction between government and citizens. As part of modernization, electronic government has become an essential administrative reform. |  |  |  |  |  |
| 5.  | Semester and Year offere  | ed   |        |    | Semes       | ster 1 / Year 2  |  |  |  |  |  |
| 6.  | Total Student Learning Time (SLT)   | Face | to Fac | ce |             | Total Guided and Independent Learning  |  |  |  |  |  |
|     | L = Lecture<br>T = Tutorial   | L T  |        | Р  | О           | Independent study=84 hours   |  |  |  |  |  |
|     | P = Practical O= Others   | 28   | 14     | /  | 84          | Total =126   |  |  |  |  |  |
| 7.  | Credit Value  |      |        |    |             | 3 28 Hours of Lecture 14 Hours of Tutorial   |  |  |  |  |  |
| 8.  | Prerequisite (if any)   |      |        |    |             | None   |  |  |  |  |  |
| 9.  | Objectives:  The subject is to present a fresh perspective on e-government theory and the issues related to implementing e-government initiatives. The subject provides an overview of the management challenges and issues involved in seeking a new form of governancedigital government. Furthermore, the subject through a set of case studies provides detailed examples of what happens when new administrations take over governments and reform and restructure information management.   |      |        |    |             |  |  |  |  |  |  |
| 10. | <ul> <li>Learning outcomes:</li> <li>By the end of the subject, students should be able to: <ul> <li>Demonstrate an understanding of E-government promises</li> <li>Evaluate the emerging electronic "portal" model of information and service delivery to citizens, businesses, and government agencies</li> <li>Recognize several major management and policy issues that should be part of the ongoing E-government portal evaluation process</li> <li>Identify the prerequisites and the technical requirements to implement e-government initiative</li> <li>Follow a systematic method in the development of Electronic Government</li> <li>Evaluate free and open source software vs. proprietary software in tight cooperation with the IT side of the organization</li> <li>Discuss the efforts of Governments to exploit information and communication technology (ICT) as an enabli force</li> </ul> </li> </ul> |      |        |    |             |  |  |  |  |  |  |

## 11. Transferable Skills:

- Literature and data searching skills
- Independent study and self learning skills
- Technical writing and presentation skills
- Oral/Written Communication skills
- Critical thinking and problem solving skills
- Time and Self-management skills
- Teamwork skills
- Independent research skills
- Analysis and decision-making skills
- Managerial skills
- IT skills

### 12. Teaching-learning and assessment strategy

A variety of teaching and learning strategies are used throughout the course, including:

- Classroom lessons. Lectures and Power Point presentations
- Tutorials
- Hands-on Laboratory Sessions
- brainstorming
- Lecturer-led problem-solving sessions
- Solving assigned problems in groups and individually
- collaborative and co-operative learning;
- Independent study.

## Assessment strategies include the following:

- Performance Assessment (Project, participation, Assigned exercises)
- Lecturer Observation
- Quizzes, tests, and examinations

### 13. Synopsis:

The subject is structured to provide an introduction which presents the prospect of e-government and outlines its history globally. The subject then examines an example of e-government and surveys its political implications. Management challenges as privacy rights, e-procurement, e-commerce, and ethics in e-government are discussed. Additionally, the subject discusses data warehousing and related prerequisites for e-government, including the education and training of the public service. The digital divide, citizen participation, and factors that will determine the eventual success or failure of the e-government model are presented at the end of the course followed by a set of case studies that examine the efforts of Governments to exploit ICT as an enabling force.

## 14. Mode of Delivery:

- Classroom lessons. Lectures and Presentations
- Tutorial sessions
- Experiential learning in an approved external IT host organization

# 15. **Assessment Methods and Types:**

The assessment for this course will be based on the following:

#### Coursework 50%

Midterm test
 Assignment
 Project
 30%

Final Examination 50% Assessment 100%

# 16. Mapping of the course/module to the Programme Aims

|    | ·  |    |    |    |    |    |   |
|----|----|----|----|----|----|----|---|
| A1 | A2 | А3 | A4 | A5 | A6 | A7 |   |
| 4  | 4  | 3  | 3  | 3  | 4  | 2  | ١ |

| 17. | Mappir  | ng of the | course/mod  | lule to the Prog   | ramme Learnin  | g Outcomes   |           |     |     | •  |    |       |  |  |
|-----|---------|-----------|---|--|--|--|-----------|-----|-----|----|----|-------|--|--|
|     | LO      |           | LO2   | LO3  | LO4  | LO5  | LO6       |     | L07 |    | LO |       |  |  |
| 18. | 4       | 4 3 3 2   |   |  |  |  |           |     | 3   |    |    | 3     |  |  |
|     |         | <u> </u>  |   | e SLT per top  | 1  |  |           |     |     |    |    |       |  |  |
|     |         |           |   |  |  |  |           | SLT |     |    |    |       |  |  |
|     |         | Details   |   |  |  |  |           | L   | Т   | P  | 0  | Total |  |  |
|     | Topic 1 | •         | Perspec   | ernational   | 2  | 1  | 0         | 6   | 9   |    |    |       |  |  |
|     | Topic 2 | The N     | Governi<br>Governi<br>The Org<br>Technol<br>Political<br>Conseq | and Policy: Inment Information  ment Web Policy  ganizational ( logy, Account  I Implications  uences of  tions of Elect | s<br>vernment:<br>nce<br>nt<br>Political   | 6  | 3         | 0   | 18  | 27 |    |       |  |  |
|     | Topic 3 | Issue     | Electror E-Procu Private Issues Delivery Electror Through       | in E-Comme   | ent and Indivi-<br>e Government<br>erce and E<br>ent and Crimi-<br>ent: Balanci<br>ate Partnersh | ent Learns F<br>-Government<br>inal Justice<br>ing Risk and<br>ips | t Service | 6   | 3   | 0  | 18 | 27    |  |  |
|     | Topic 4 | Prepa     | Data<br>Governi<br>Electror<br>Systems<br>Training              | g for Electron<br>Government C   | g and thopases<br>ent and Ge<br>ic Governme  | eographic Inf  | formation | 6   | 3   | 0  | 18 | 27    |  |  |

|     | 1  |  |     | 1 | Ι |   |   |  |  |  |  |  |
|-----|--|--|-----|---|---|---|---|--|--|--|--|--|
|     | 10   | The Future of Electronic Government  • E-Government and the Digital Divide   |     |   |   |   |   |  |  |  |  |  |
|     | Topic 5  | E-Government and Citizen Participation in International Context  | 2   | 1 | 0 | 6 | 9 |  |  |  |  |  |
|     |  | Development Stages of Electronic Government  |     |   |   |   |   |  |  |  |  |  |
|     | 9  | e-Government development models  |     |   |   |   |   |  |  |  |  |  |
|     | Topic 6  | <ul> <li>Assessing Countries according to e-Government development</li> </ul>  | 2   | 1 | 0 | 6 | 9 |  |  |  |  |  |
|     |  | Open Source in Government  |     |   |   |   |   |  |  |  |  |  |
|     |  | <ul> <li>The dynamics of F/OSS environments</li> </ul>   |     |   |   |   |   |  |  |  |  |  |
|     |  | F/OSS In The public Sector   |     |   |   |   |   |  |  |  |  |  |
|     |  | Flexibility and Interoperability   |     |   |   |   |   |  |  |  |  |  |
|     | C 7  | Security   | _   |   |   | _ |   |  |  |  |  |  |
|     | Topic 7  | Independence and Anti-monopoly   | 2   | 1 | 0 | 6 | 9 |  |  |  |  |  |
|     |  | Legal Issues   |     |   |   |   |   |  |  |  |  |  |
|     |  | Costs and Benefits   |     |   |   |   |   |  |  |  |  |  |
|     |  | <ul> <li>Support and development in the F/OSS ecosystem</li> </ul>   |     |   |   |   |   |  |  |  |  |  |
|     |  | Case studies on Electronic Government  |     |   |   |   |   |  |  |  |  |  |
|     | ∞  | Discusses and examines the efforts of Governments to   |     |   |   |   |   |  |  |  |  |  |
|     | Topic 8  | harness information and communication technology   | 2   | 1 | 0 | 6 | 9 |  |  |  |  |  |
|     | <u> </u>   | (ICT) as an enabling force   |     |   |   |   |   |  |  |  |  |  |
|     |  | Total SLT  | 126 |   |   |   |   |  |  |  |  |  |
| 19. | Main references supporting the course:   |  |     |   |   |   |   |  |  |  |  |  |
|     | <ol> <li>Alexei Pavlichev, G. David Garson, "Digital Government: Principles and Best Practices". IGI Global, 2003.</li> <li>Bruce A. Rocheleau, "Case Studies on Digital Government". IGI Global, 2007.</li> </ol> |  |     |   |   |   |   |  |  |  |  |  |
|     | Additio  | nal references supporting the course:  |     |   |   |   |   |  |  |  |  |  |
|     | 1.   | Vincent Homburg. "Understanding E-Government: Information Systems in Pub 2008.   |     |   |   |   |   |  |  |  |  |  |
|     | 2.<br>3.   | Ake Gronlund. "Electronic Government: Design, Applications and Management", IGI Global, 2002. Subhash Bhatnagar. "E-Government". SAGE Publications Pvt. Ltd, 2004. |     |   |   |   |   |  |  |  |  |  |
|     | 4.   |  |     |   |   |   |   |  |  |  |  |  |
| 20. |  | dditional information  |     |   |   |   |   |  |  |  |  |  |
|     | All mate   | erials will be available to the students online.   |     |   |   |   |   |  |  |  |  |  |