



Diploma in
e-Governance

Diploma in e-Governance

Sponsored by Government of India



Conceptualized by



National Institute for Smart Government

Offered by



SMU
Sikkim Manipal University



Background

Digital India is a flagship programme of the Government of India with a vision to transform India into a digitally empowered society and knowledge economy.

It has been felt that a lot more thrust is required to ensure e-Governance in the country to promote inclusive growth that covers electronic services, products, devices and job opportunities. Moreover, electronic manufacturing in the country needs to be strengthened.

In order to transform the entire ecosystem of public services through the use of information technology, the Government of India has launched the Digital India programme with the vision to transform India into a digitally empowered society and knowledge economy.

Preparing Northeast Under Digital India

Many e-Governance Projects in the North East region are under the initial phase of implementation, and it is imperative to build the necessary capacities in the Government officials handling these projects. The North East states are characterized by isolation from the mainstream, hostile terrain and poor availability of power, which pose a challenge to any development effort, especially those related to ICT.

Government of India is keen to support the change that accompanies the implementation of e-Governance Projects. To support adaptation and acceptance of new changes maintaining high level of productivity and performance, National e-Governance Division under the aegis of Department of Electronics & Information Technology have sponsored capacity building programmes, of which, Diploma in e-Governance gains a special significance.

Need for the Programme

Transformational e-Governance initiatives such as Government Process Reengineering for delivery of citizen centric services are highly complex activities aimed at fundamental changes in Government functioning and their external relationships in order to achieve better Government.

However in many cases, a significant gap exists between the transformational potential of e-Government and achieved outcomes, because people lack the necessary competencies and skills to understand and manage the e-Governance projects.

Realizing the importance of long term internal capacity building, the Department of Electronics & Information Technology, Government of India, decided to introduce a Diploma programme in e-Governance for young and vibrant government officials from North East States. This programme is expected to build required manpower that can assume leadership roles in Government departments for conceptualizing, designing and implementing e-Governance projects.

About Diploma in e-Governance

The Diploma in e-Governance is a one year residential programme offered by Sikkim Manipal University (SMU) through its constituent college Sikkim Manipal Institute of Technology (SMIT). It aims to bridge the gap in availability of qualified professionals in the e-Governance space from the North East region.

It provides students with an opportunity to learn about successfully managing e-Governance initiatives for delivery of citizen centric services. It provides an exciting career opportunity to the participants to be a part of the national initiative. The programme is completely sponsored by Department of Electronics & Information Technology, Government of India.

Course Objectives

After completing the course, the participants will be able to:

- Understand how to manage socio-cultural, administrative and other organizational changes when an e-Government project/ programme is implemented.
- Gain the knowledge and competencies to understand, analyse, design and manage transformational e-Governance initiatives in Government Departments
- Translate technical, institutional, organizational and user requirements into a robust e-Government design
- Lead change in Government departments and manage implications
- Communicate and collaborate effectively with a variety of internal stakeholders, such as politicians and senior management, and external stakeholders such as citizens, vendors and non-governmental organizations

Who can apply

Applications are invited from the officials working in the Government Departments, Faculty of the State Administrative Training Institutes and other Academic Training Institutes, from eight North East States (Including Sikkim), who are graduate in any discipline, having an executive / professional experience of at-least five years. Preference shall be given to the officials who are engineering graduates (or) with experience in IT field / e-Governance.

The Cut-off date for counting experience shall be 31.03.2016. Officials of North East States (including Sikkim), PSUs, Government of Societies, Central Government officials who are working in North East for last five years, may send their applications through proper channel.

Pedagogy

Curriculum is designed jointly by the experts from NISG & SMIT in consultation with e-Governance practitioners, senior academicians, professionals from IT industry and officials from various Government departments,

who have rich experience in implementing e-Governance related projects.

While designing the curriculum, full consideration is given to practical aspects, so that participants can learn the basic, advance and emerging technological concepts while being in labs. The course content focuses on three aspects: (a) domain knowledge of related and relevant fields (b) hands on project experience and (c) interaction with experts and field visits to e-Governance best practices.

The instructional methodology involves Classroom sessions, case study, field studies, group assignments/discussions, presentations, and internship with industry/ government in e-Governance projects. Internship opportunity will enable the participants to attest the classroom learning on live projects and explore future career prospects.

Application Process

The notification for admissions would be announced by first week of April, 2016. The prospectus and admission forms can be downloaded free of charge from the SMIT website through the URL given below <http://smu.edu.in/smit/programs.html>

The officials are required to submit the duly filled application form along with the signatures of nominating authority and other required documents latest by **5pm on 25 April, 2016**, through proper channel to the Director, Sikkim Manipal Institute of Technology, Majitor, Gangtok, Sikkim.

The Schedule for Admission Counseling and withdrawal policy shall be intimated later.

Program Duration: One - Year full time residential programme (April 2016 -17)

Programme Structure

The course consists of three trimesters with eighteen mandatory papers; two elective papers to meet the individual student's needs and interests; a study tour of e-Governance best practices and a dissertation project. An Indicative structure and distribution of course over the year is illustrated in table below :

| Sl.No | Paper Code | Paper Title | Category |
|------------------------------|------------|--|----------|
| FIRST TRIMESTER | | | |
| 1 | DeG-101 | Functions and Structure of Govt. Organization | Core |
| 2 | DeG-102 | Public Policy Technology and Law | Core |
| 3 | DeG-103 | Information and Communications Systems for Organizational Performance | Core |
| 4 | DeG-104 | Data Base Management Systems | Core |
| 5 | DeG-105 | Project Conceptualization Management & Analysis | Core |
| 6 | DeG-106 | Finance Concepts : Public Finance & Project Finance | Core |
| 7 | DeG-107 | Secure Software Development Practices, Quality Standards | Core |
| SECOND TRIMESTER | | | |
| 1 | DeG-201 | e-Governance Concepts | Core |
| 2 | DeG-202 | Government Process Re-engineering | Core |
| 3 | DeG-203 | Business Models, GFR rules PPP | Core |
| 4 | DeG-204 | DPR, Government Procurement, RFP Formulation, Contract Management and Monitoring | Core |
| 5 | DeG-205 | IT & Regulatory Framework for e-Governance | Core |
| 6 | DeG-206 | Change Management and Capacity Building | Core |
| 7 | DeG-207 | Approach Methodology for Evaluation and Impact Assessment | Core |
| ELECTIVES (ANY ONE) | | | |
| 1 | DeG-208 | IT Service Management Systems | Elective |
| 2 | DeG-209 | Social inclusion for Development | Elective |
| 3 | DeG-210 | e-Governance System Integration | Elective |
| 4 | DeG-211 | Risk Management in e-Governance Projects | Elective |
| 5 | DeG-212 | Knowledge and Content Management | Elective |
| THIRD TRIMESTER | | | |
| 1 | DeG-301 | Development Model for e-Governance | Core |
| 2 | DeG-302 | Consulting for e-Governance Projects | Core |
| 3 | DeG-303 | Data Analysis | Core |
| 4 | DeG-304 | Emerging Technologies | Core |
| 5 | DeG-305 | e-Governance Project Study Tour | Core |
| 6 | DeG-306 | Dissertation and Major Project | Core |
| ELECTIVES (ANY ONE) | | | |
| 1 | DeG-307 | Geo Spatial Technologies | Elective |
| 2 | DeG-308 | The Open Group Architecture Framework (TOGAF) | Elective |
| 3 | DeG-309 | Business Intelligence & Decision Making | Elective |
| 4 | DeG-310 | Information and Cyber Security | Elective |
| INTERNSHIP (3 MONTHS) | | | |

Key takeaways for the participants

- Knowledge on latest trends in technology
- State-of-the-art campus with international standard infrastructure, ideal set up for quality education, healthy lifestyle and all round growth for the students.
- Exposure to national & international best practices in e-Governance
- Internship opportunities in e-Governance projects
- Experienced e-Governance practitioners, consultants and academicians are involved in the delivery of various course modules, to create new knowledge and enduring concepts that shape the practice of management.
- The expert faculty members expose participants to multiple perspectives, challenging and modeling their thinking at various levels.

About SMU-SMIT

Sikkim Manipal University (SMU) is the result of a unique partnership between the Government of Sikkim and Manipal Education. Established in 1995, it is the first government-private initiative in the region. It was set up with the objective of providing the best in education for students.

SMU is recognised by the University Grants Commission and approved by the Government of India.

The Sikkim Manipal Institute of Technology was established in 1997 as a constituent college of Sikkim Manipal University and is approved by AICTE.

SMIT had been accredited for engineering disciplines by National Board of Accreditation (NBA)/ACCR-860/06 dated 22 January 2008. SMIT had also been ISO 9001 accredited vide NS-EN ISO 9001:2000 for all its courses.

SMIT Rankings

1 Ranked 1st in the State of Sikkim
Source: CSR-GHRDC Engineering Colleges Survey, 2015

5 Ranked 5th amongst Top Emerging Engineering Colleges of Eminence
Source: CSR-GHRDC Engineering Colleges Survey, 2015

19 Ranked 19th overall Top Engineering Colleges
Source: CSR-GHRDC Engineering Colleges Survey, 2015

20 Ranked 20th in Faculty, Research, Consultancy, EDP, & Other Programmes
Source: CSR-GHRDC Engineering Colleges Survey, 2015

22 Ranked 22nd in Placement, USP, Social Responsibility, Networking & Industry Interface
Source: CSR-GHRDC Engineering Colleges Survey, 2015

Department of Information Technology at Sikkim Manipal Institute of Technology started in the year 1999. Department offers Bachelor of Technology (B.Tech), Master of Technology (M.Tech), Bachelor of Science (B.Sc), Master of Science (M.Sc), and Ph.D. program, all in Information Technology.

About NISG

NISG is a not-for-profit company setup in a Public-Private-Partnership (PPP) in 2002 under the recommendations of The National Taskforce on Information Technology & Software Development, with 51% equity contributed by the private sector & 49% by the public sector.

NISG is assisting GOI and state Governments in implementing e-Governance projects under the ambitious Digital India programme.

About SMU-SMIT-NISG

National Institute for Smart Government has been designated as the execution agency for various capacity building programmes under Digital India, being implemented by the National e-Governance Division under the aegis of Department of Electronics & Information Technology, Government of India.

In pursuance of the mandate assigned for building capacities of the Government of North East region, NISG conceptualized a one year Diploma in e-Governance, which is being offered by Sikkim Manipal University through its constituent college Sikkim Manipal Institute of Technology.

Contact Us



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