

Specialized Programme on Design, Development & Implementation of e-Learning Courses

A. Name of the Institute	Centre for Development of Advanced Computing, Noida
B. Name/Title of the Course	Specialized Programme on Design, Development & Implementation of e-Learning Courses
C. Course Dates with Duration in Weeks	<p style="text-align: center;">From Oct 17th , 2011 to Dec 9th ,2011</p> <p style="text-align: center;">In weeks: 8 Weeks</p>
<p>D. Eligibility Criteria for Participants</p> <ol style="list-style-type: none"> 1. Educational Qualifications 2. Work Experience required, if any 3. Age Limit <i>[note: ITEC norms is 25-45 years]</i> 4. Target Group <i>[Level of participants and target ministries/departments etc. may be indicated]</i> 	<ol style="list-style-type: none"> 1) Two years Technical Course or Graduate in any stream after 12 years of Schooling. 2) ----- 3) ----- 4) Should meet the above educational requirements and should know English language
E. Aims & Objectives of the Course	<p><u>Aim :</u> The aim of the Course is to develop skilled manpower in designing, developing , implementing and deploying of e-Learning programmes</p> <p><u>Objectives:</u></p> <ul style="list-style-type: none"> • Understand about e-Learning and its implementation usages • Learn innovative practices in the design & development of e-Learning • Develop effective and Standard Compliant e-Learning content • Apply theoretical principles for designing e-Learning courses • Choose and apply different deployment models of e-Learning
F. Mode of Evaluation of performance of the participants	Case Studies & Project Work

Start Date: Oct 17th, 2011
End Date: Dec 9th, 2011

Duration : 8 weeks

Objective:

At the end of the course, Students will be able to:

- Understand about e-Learning and its implementation usages
- Learn innovative practices in the design & development of e-Learning
- Develop effective and Standard Compliant e-Learning content
- Apply theoretical principles for designing e-Learning courses
- Choose and apply different deployment models of e-Learning

Course Content

1. Introduction about e-Learning

- e -Learning :Benefits & Uses
- Stages of e-Learning
- Tools and technologies of e-Learning
- Architecture of e-Learning

2. Learning Management System : the e-Learning solution

- Basics of LMS
- Features & Requirements of LMS
- Development & Customization of open source LMS
- Development & Customization of closed source LMS
- Choosing open source vs closed source LMS

3. Content Development in e-Learning

- Stages of Content Development
- Development of right e-Learning content
- Development of multimedia based content
- Content authoring & publishing
- Developing standard compliant e-Learning content
- Advanced content development features like multilingual content etc.

4. Designing & Facilitation of e-Learning Courses

- Development of e-Learning courses through Four Quadrant Structure (FQS)
- Design & Development of e-Learning components of phase I of FQS
- Design & Development of e-Learning components of phase II of FQS
- Design & Development of e-Learning components of phase III of FQS
- Design & Development of e-Learning components of phase IV of FQS

5. Hosting & Deploying e-Learning Courses

- Architecture of e-Learning deployment
- Creation & implementation of e-Learning web portal
- Modes of deployment :
 - Online mode
 - Virtual Classroom mode
 - Blended mode

6. Virtual Classrooms: Advanced e-learning facility

- Introduction to Virtual Classroom
- Tools & Technologies for Virtual Classroom
- Embedding Virtual classroom with LMS
- Implementation & Deployment of Virtual classrooms

7. Project Work

Eligibility Criteria:

- Two years Technical Course or Graduate in any stream after 12 years of Schooling.