PROGRAMME GUIDE

Dear students,

We welcome you to our programme, Post-Graduate Diploma in Educational Technology (PGDET). At the very outset we would like to tell you that following your enrolment in this programme, you have become a student of IGNOU, which offers educational programmes through the Open and Distance Learning (ODL) mode.

It is quite likely that this is going to be your first experience as a distance learner. Unlike other educational institutions where teaching and learning take place in a face-to-face manner, IGNOU adopts a multi-media approach to facilitate teaching and learning. The print medium (the self learning material received by you) is the master medium.

It is supplemented with instructions delivered through other media, made available as audio and videocassettes at the study centers, teleconferencing sessions, interactive radio counseling sessions, broadcasts through radio and television and face-to-face academic counseling sessions. Besides, the assignments submitted by you will also link you with us. Thus, there would be multiple modes through which we would be interacting with each other.

Educational Technology is emerging as a new discipline. The growing popularity of this discipline lies in the advantages of integrating technology in the instructional system. The advantages are multifarious and may pertain to registration, delivery of instructions, the overall management of educational institutions and so on.

Among these processes, the teacher is mainly concerned with delivering instructions and the application of educational technology is becoming indispensable for this process. Also, in keeping with the demands of the knowledge society, transaction of knowledge has to be freed from the confines of the classrooms and made available round the clock, at places convenient for the learner. Even within the classroom, technology is to be used to strengthen the constructive approach to learning, whereby learners become the active seekers of knowledge.

Therefore, from the sporadic use of technology, we have to move towards its seamless integration into the teaching –learning system. For this merely the skills to use technologies is not enough but it requires us to take several steps further and be able to use technology as a tool for imparting instructions. Hence, proficiency for selection of technology, designing instructions based on pedagogic principles, using technology effectively for reaching out to learners, making education a collaborative process and so on are necessary. This programme intends to make you adept in these areas and enable you to face the challenges of imparting education in the 21st century.

This programme has five courses and in the fifth course, the project will enable you to apply the knowledge and skills attained during the first four courses. The first four courses are made up of blocks, and the blocks, in turn, are constituted by units.

You will find that many of the units include not only self assessment questions to help you in checking the progress made while learning but also activities that have been designed with the objective of making learning experiential and an active process.

This programme guide has been designed to help you in gaining an overall idea about the various aspects related to the programme, PGDET in which you have enrolled. In case you have any further queries, you may contact the Programme Coordinator by E-mail at sbose@ignou.ac.in. Or you may write at the address:

> Programme Coordinator, PGDET
> SOE, IGNOU, Maidan Garhi,
> New Delhi (110068).

With best wishes,
Members of Faculty
School of Education
IGNOU

About the Programme

With the passage of time, technology mediated education is becoming the norm rather than an exception. This is true not only for distance teaching and learning but also in situations involving face to face teaching and learning. Today it is necessary for teachers and trainers and those associated with the development of educational software to gear up for educational processes that embed technology.

The programme, Post-Graduate Diploma in Educational Technology (PGDET), has been developed to provide knowledge and skills related to this area.

Objectives of the Programme

This programme aims to develop a cadre of teachers and other professionals equipped with the knowledge and skills for organizing teaching and training with the help of appropriate technologies. The objectives of the programme are as follows:

The programme will help the learners to:

- ❖ develop an understanding of the nature of educational technology and its impact on teaching and learning;
- ❖ build up an awareness about the various educational technologies and their pedagogic uniqueness;
- ❖ develop the skills needed for making optimum use of the technologies enabling collaborative practices and sharing of educational resources;
- ❖ make a judicious selection of technology and integrate it successfully in the instructional system;

❖ develop the know-how of designing and developing courseware for various media.

Target Population

The target population would comprise the following:

❖ Teachers teaching at different levels
❖ Developers of educational software for various media
❖ Educational administrators
❖ Others interested in the field of educational technology

Eligibility

The eligibility condition for this programme is graduation in any discipline.

Medium of Instruction

The Medium of Instruction for this programme is English.

Duration of the Programme

The duration of the programme is of minimum 1 year and maximum 2 years. You may appear at the Term-End Examination (TEE) after one year of enrollment in this programme. In case one cannot clear all the courses in one go, there is no need to appear for the course(s) already cleared during the previous Term End Examination.

Weightage of the Programme

This programme is of **30** Credits with five courses of six credits each. At IGNOU, one credit is considered to be equivalent to 30 hours of study and other academic activities relevant to the Course. It gives you an idea of the inputs required by a course of study.

Programme Fees

The programme fee is Rs 4,800 for the entire programme. The total fee has to be paid at the time of admission.

Study Centres

IGNOU has established a number of study centers and programme study centres through out the country. These centres provide counseling facilities on scheduled days at fixed hours on a regular basis, and also function as information centres, resource centers and exam centres. Each student is assigned a study centre/programme study centre where he/she submits the assignments to the study centre coordinators. In case the student cannot visit his/her study centre/programme study centre in person, the assignments can also be mailed to the coordinator of the centre.

2. PROGRAMME FRAMEWORK

The programme PGDET consists of 5 courses. The details are as follows:

S.No.	Course Code	Title of the Course	Type of Course compulsory/ optional	Credits	No. of blocks
1.	MES-031	ET - An Overview	Compulsory	6	4
2.	MES-032	Communication and Information Technology	Compulsory	6	5
3.	MES-033	Computer Technology	Compulsory	6	4
4.	MES-034	Designing Courseware	Compulsory	6	4
5.	MES-035	Project	Compulsory	6	---

Course Description

Course1 (MES- 031): ET - An Overview

This is the first course of the programme, PGDET. This course provides an overview of the field of Educational Technology. It introduces you to the discipline -Educational Technology, through discussions on the meaning, nature and impact of this area on education. It also explains the pedagogic foundations of technology-mediated delivery of instructions. This course includes deliberations on issues such as the concept of educational technology, its place in a systems approach to teaching and learning, policy issues related to educational technology, etc.

Course2 (MES- 032): Communication and Information Technology

This course deals with the various Information and Communication Technologies useful for providing education and training. Teaching and learning may be within a classroom as well as outside it when the learners learn on their own.

Both the cases involve communication. While in the former case, there is direct communication between the teacher and the learners, in the latter case also there is communication. The only difference in the two situations is that in the latter case, communication is through a medium that could be print or electronic media. Within classrooms also, the teacher may use various technologies to communicate with the learners. This course will acquaint you will these aspects.

Course 3 (MES- 033): Computer Technology

This course is designed to develop understanding of the computer as a system and its utility for teaching and learning. It will help the learner to use stand-alone as well as networked machines and information sources for teaching-learning purposes. Today computer is used for carrying out many of the activities necessary for educational software development and also for delivering the software.

It is expected that this course will help people involved in activities like text-designing and layout, those engaged in the production of educational softwares as well as those using telecommunication devices for teaching/training to use computer and communication technology for various educational purposes.

Course 4 (MES- 034) : Designing Courseware

The curriculum is the basis of selection of learning experiences for teaching and learning in both face-to-face situations as well as in distance education. The learning experiences to be provided are abstractions that are concretized in the form of the content to be taught and learnt. The content is thus the courseware that may be taught directly by the teacher or through a technology. The courseware is delivered though the print or audio or video medium or it may be in multimedia form. Again the courseware can be meant for teaching with the help of computer.

Online delivery of coursewares over the Internet is also getting popular. There are thus a variety of media through which courseware can be delivered. This course will acquaint you with the process of designing courseware for various media.

Course 5 (MES- 035): Project

The fifth course is the project that has to be carried out by you. Through this course, you will get the opportunity to put into practice the theoretical concepts enunciated in the first four courses.

This course thus suggests a mechanism for practising and applying the necessary skills, experiencing ground realities and thus gain a first-hand knowledge about aspects related to technology mediated teaching – learning scenarios.

The project spells out certain activities that you would have to undertake. It has been designed in such a way that all the four theoretical courses are covered.

Forms
Available in the Common Prospectus in IGNOU's website and at Regional Centres.

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