Course Code   EDCC 104
SEMESTER-I
INFORMATION & COMMUNICATION TECHNOLOGY

Objectives :

Student teachers...

1. Obtain a total perspective map of role of Information and Communication Technology in present and future.

2. Know the development of IT in education & emerging role of teacher in IT.

3. Understand Communication process and its usage in teaching-learning.

4. Acquire understanding about teaching & learning.

5. Develop micro teaching skills & skills of teaching using ICT.

6. Create attitude and interest in ICT in Education subject.

UNIT-I

A. Skill developing technologies, Characteristics of good teaching and Maxims of teaching . Micro teaching – meaning, importance, limitation and organization patterns

B. Micro teaching skills – set induction, skill of questioning, skill of explaining, skill of Black board work, skill of illustration, skill of using teaching aids, skill of reinforcement, skill of stimulation variation.

UNIT-II

A. Educational technology – concept , need and functions of ET.

B. Development of Educational Technology – transfer from teacher – centered – instruction to learner – centered – instruction in reference to following points

   • Material used before machines, print material, photography, recording, audio & video recording, television, computer, internet.

UNIT-III

A. Emerging role of teacher in developed Educational technology
   • Presentation in direct teaching
   • As manager to manage teaching resources of ET
   • As user, facilitator and producer of teaching material based on ET

B. Communication process-concept, nature, principles, functions, types of effective classroom communication
   • Obstacles in communication and teachers' attempts to overcome them

UNIT-IV Practicum (Any Two)

1. Prepare presentation on grading system and marking system by visiting any two such institutions using data from both systems
2. Make a power point presentation on any one national issue
3. Prepare a question bank on any one subject of B. Ed. Syllabus
4. Visit an institute promoting information and communication technology
5. Create your e-mail ID and make correspondence with your friends through your e-mail.