

**Semester VI**  
**Theory course**  
**IMTE 601 - Educational Technology and Communication Skill**

**ESSENCE OF THE COURSE**

This course offers an introduction of Education Technology and Communication Skills in Physical Education. It aims to develop understanding about Educational Technology and Communication Skills in Physical Education and Sports, its aim and objectives, historical developments, structure / functions.

**COURSE LEARNING OUTCOMES**

**After completing this course, the students will be able to**

- ) Understand the concept of Educational Technology and Communication Skill in physical education and Sports.
- ) Understand the historical development of Educational Technology and Communication Skills in physical education.
- ) Describe the different aspects of Educational Technology and Communication Skills in Sports. .

**COURSE CONTENT**

**26.1 UNIT-I**

Basic of Education Technology, Concept of Education Technology, Role of Educational Practices, Hardware Technologies /Hardware Instructional Aids, Overhead Projector, Still and Movie Projector, Slide Cum Film Strips Projector, Audio Visual Recording Instruments, Radio, Television and Computers

**26.2 UNIT-II**

Communication Process and Teaching, Communication, Concept and Process of Communication, Principles of Communication, Barriers of Communication, Class room Communication (Verbal and Non- Verbal), Achieving Effectiveness in Class Room Communication, Different Media of Communication, Team Teaching: Meaning, Objective, Types, Principles, Procedure, Advantages and Disadvantages, Modification of Teacher Behavior: Flanders's interaction analysis, concept, procedure, advantages and limitations.

**26.3 UNIT-III**

Research Process Teacher Education, Action Research, Concept of Action Research, Procedure and significance in Teacher Education, Evaluating Institutional Performance: Concept, Method Uses, Pupil and Teacher Evaluation and Institutional Performance Evaluation. Method of Teacher Evaluation, Use of Pupil rating, Peer rating, Supervisor Rating, Community rating

**26.4 UNIT-IV**

I.C.T. and E-Learning, Meaning, Nature and significance of information and communication technology in teaching learning process. Multimedia Approach to Education: Role of Video conferencing, radio conferencing, television, Internet in teaching learning process, their advantage and limitation. Role and Composition of Central institute of Education and Technology, National Open School, State Educational Technology Cells, Distance Educational Institutions and their role for the improvement of

teaching learning. E-Learning- Definition, Advantage and Characteristics, Role of E-Learning, Components of E-Learning: CBT, WBT and Virtual Classroom, E-Learning Tools, Learning Management Systems: Definition, Components- LMS vs LCMS

### **TEACHING LEARNING STRATEGIES**

- ) The content of the syllabus may be taught by using lecture method, discussion method, quiz method, educational videos, charts and assignment method depending upon the resources and facilities available at the University/Institute/ Department/Colleges.

### **MODE OF TRANSACTION**

- ) Laboratory Work/Field Work/Outreach Activities/Project Work/ Vocational Training/Viva/ Seminars/ Term Papers/Presentations/Self- Learning Instructional Material etc.

### **ASSESSMENT RUBRICS**

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|--|---------------------------|
| ) End Semester Exam  | <b>Marks: 100 (70+30)</b> |
| ) Classroom Test, Project Work, Assignments, Presentations | <b>Marks: 70</b>          |
| o Classroom Tests: Best one out of two unit tests          | <b>Marks: 30 (10+20)</b>  |
| Project Work, Assignments, Presentations                   | <b>(Marks: 10)</b>        |
|  | <b>(Marks: 20)</b>        |

### **REFERENCES**

1. Integrating Technology in the classroom shelly, cashman, gunter and gunter, publication by thomson course technology.
2. Essentials of Educational Technology, Madan Lal, Anmol Publications
3. Education and Communication for development, O. P. Dahama, O. P. Bhatnagar, Oxfordb& Page 68 of 71IBH Publishing company, New Delhi
4. Communication and Education, D. N. Dasgupta, Pointer Publishers
5. K. Sampath, A. Pannirselvam and S. Santhanam. Introduction to Educational Technology (New Delhi: Sterling Publishers Pvt. Ltd.) : 1981.
6. Bhatia and Bhatia. The Principles and Methods of Teaching (New Delhi :Doaba House), 1959.
7. Kochar, S.K. Methods and Techniques of Teaching (New Delhi, Jullandhar, Sterling Publishers Pvt. Ltd.), 1982
8. Kozman, Cassidy and kJackson. Methods in Physical Education (W.B. Saunders Company, Philadelphia and London), 1952.
9. Amita Bhardwaj, New Media of Educational Planning”.Sarup of Sons, New Delhi-2003.