UEDUVAC03 - Advanced Teaching Technology

Learning Objectives (LO)

The student teacher

- Acquires knowledge of the concept and principles of teaching technology.
- Develops understanding of the concepts and its implications in education.
- Applies the knowledge of teaching technology in the analysis of present day educational system.
- Develops interest in learning teaching technology.

Unit I Higher Education

Historical perspectives – objectives of Higher Education- role of higher education. Social focus curriculum focus and administrative focus- need for teaching methodology- learning and teaching.

Unit II Learning Higher Education

Learning- Meaning- definition- concept, learning hierarchy- information processing learning events- Learning outcomes- Motivation.

Unit III Teaching Technology Designs

Technology- Teaching Technology instructional and Educational Technology-Instructional designs, objective based, skill based, competency based, learning style based and model based.

Unit IV Teaching Methods

Lecture methods – dramatization –mind mapping - enquiry based learning – co-operative learning- Interactive electronic white board- Programmed Instruction, Computer assisted Instruction.

Unit V Class Room Management Media

Microteaching- Teaching Skills- Demonstration - Criticism-Computer Skills -Computer Assistant Instruction(CIA)- Smart boards - Classroom Interactional Analysis (CIA)-Classroom management.

For Fast Track Learners

Inquiry based Learning- QR codes- Project based Learning- Wisely managed classroom Technology-JIGSAWS.

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Kochhar (1981), pivotal issues in India Education, Sterling Publisher's Pvt., Ltd. New Delhi.

Kumar.K.L (1997) Educational Technology, New Delhi: New Ageinternal (P) Ltd.

Mohanty. J.Random Education in the emerging society, New Delhi, Sterling Publishers.

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