FACULTY OF EDUCATION

DEPARTMENT OF EDUCATION

UEDUVAC01 - Modern Pedagogical Techniques

Learning Objectives (LO)

The student teacher

- Acquires the knowledge of the concept of Teaching, characteristics of Teaching and Variables in Teaching
- Understands the Need and Importance of Programmed Learning, Computer Assisted Learning Internet and its applications
- Understands the different teaching method
- Acquires the knowledge of Educational E-Resources and Cloud computing

Course Outline
Unit I Concept of Teaching

Meaning and definition of Teaching – Nature and characteristics of Teaching – Variables in Teaching – Relationship between Teaching and Learning.

Unit II Individualised Instruction and ICT

Need and Importance – Characteristics – Principles – Programmed Learning – Computer Assisted Learning (CAL) Advantages and Disadvantages – Information and Communication Technology – Definition – Meaning – Importance and Scope – ICT in Education

Unit III Group Instruction and ICT

Dynamic method – Group discussion, Tutorial, Seminar, Symposium and Brain – storming – Problem solving – Project method – Laboratory – Supervised study – Source method – Dalton Plan – Panel discussion – Workshop – Team Teaching.

Unit IV Educational E-Resources

Meaning – Need and Importance – Classification of E-Resources – offline resources: CD Rom based E-Resources, E-Books, E-dictionaries – MS Office

applications (Power point presentation) E-Resources on mobile devices -
Online Resources: E-Journals, E-Libraries, E-Forums, Search engines ,Swayam.

Unit V Cloud computing in Teaching and Learning

Need and Importance of Cloud Computing in ICT mediated teaching and Learning – Facilities provided by cloud Computing in Teaching and Learning.

Fast Track Learners

Exploring Apps – Kahoot, ClassDojo, Edmodo, Google Classroom

Course Outcome
   The students should be able to
- develop modern pedagogical techniques
- make use of individualized instruction in ICT
- follow various group instructional strategies
- find out various educational e – resources
- demonstrate cloud computing in teaching and learning

References:

Armstrong, Jenny R. (1973). A sourcebook for the evaluation of instructional materials and Media. Special Education Instructional Materials centre, University of Wisconsin, Madison, WI.ED 107 050

Brown, A.H., & Green T.D., (2015). The essentials of instructional design: Connecting fundamental principles with process and practice. Routledge. media. Special Education Instructional Materials Center,

Buchholz Andrea & Zerfass Ansgar. 2005. E-Content in Europe: Dimensions of an Emerging Field. MFG Baden- Wiirttemberg Germany.

Dave R.H., Developing and Writing Behavioral Objectives - Educational Innovators Press,1975.

https://developer.android.com/reference/packages

Ian Reece and Stephen Walker, Teaching, Training and Learning - Business Education Publishers, 1997.