

FACULTY OF EDUCATION

Value Added Elective Course

VAED - 011 - Modern Pedagogical Techniques

Objectives: The student

- 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 and Internet and its applications.
- understands the Blended Learning and Resources for Blended Learning.
- understands the Various Methods of Teaching.
- applies the knowledge of E-Learning in classroom situations.
- develops interest in knowing the Application of Android App in Education.

Unit - 1

Concept of Teaching

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

Unit - 2

Individualized Instruction

Need and Importance - Characteristics - Principles - Programmed Learning - Computer Assisted Learning (CAL) - advantages and disadvantages. Internet and its applications - Meaning - Working of internet - Teleconferencing - Satellite - EDUSAT. Blended Learning - Tools and Resources for Blended Learning - Blended Learning Implementation.

Unit - 3

Group Instruction

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 - 4

E-Learning

Electronic Learning - Meaning - Nature - Features of E-Learning - Application of E-Content Package In Education - Advantages of E-Content - Designing and Development of E-content - Standards of E-content - Re-usability of E-content - E-content Tools - Graphics, Audio and Video-Creating and Editing - Visual Understanding Environment (VUE).

Unit - 5

Android Application

Meaning - Nature - Features of Android App - Application of Android App in Education - Advantages of Android App - Designing and Development of Android App - Standards of Android App - Android App Tools for Teaching - Android App in Evaluation.

References

1. Ian Reece and Stephen Walker, Teaching, Training and Learning - Business Education Publishers, 1997.
2. Dave R.H., Developing and Writing Behavioral Objectives - Educational Innovators Press, 1975.
3. Brown, A.H., & Green T.D., (2015). The essentials of instructional design: Connecting fundamental principles with process and practice. Routledge.
4. Armstrong, Jenny R. (1973). A sourcebook for the evaluation of instructional materials and media. Special Education Instructional Materials Center, University of Wisconsin, Madison, WI. ED 107 050.
5. Buchholz Andrea & Zerfass Ansgar. 2005. E-Content in Europe: Dimensions of an Emerging Field. MFG Baden-Württemberg, Germany.
6. <https://developer.android.com/reference/packages>