Objectives:

At the end of the course, the scholars will be able to

2. Appreciate the contributions made by philosophers and psychologists to the field of education.
3. Review the relative effectiveness among the different methods and techniques of teaching and learning in Higher Education.
4. Discriminate among different types of tests meant for students’ evaluation, diagnose the learning problems of the students and take remedial measures.
5. Be aware of the web based communication strategies for professional development and be benefited of the e-resources in Education.

SYLLABUS

UNIT – I Higher Education and Learning
Historical Perspectives … Objectives and Role of Higher Education … Learning and Learning Hierarchy … Information Processing … Learning Events and Outcomes … Motivation.

UNIT – II Teaching Technology : Designs
Teaching Technology: Meaning, concept and scope … Instructional Designs: Objective based, Skill based, Competency based, Learning style based and Model based.

UNIT – III Methods and Techniques of Teaching
Large Group Techniques: Lecture, Modified Lecture, Seminar, Symposium, Panel Discussion, Team Teaching, Project Approach and Workshop … Small Group Techniques: Group Discussion, Simulation, Role Playing, Buzz Technique, Brain Storming, Case Discussion and Assignment … Systems Approach in Education.

UNIT – IV Measurement and Evaluation in Education

UNIT – V Electronic Media in Education
TEXT BOOKS:

For Units I to IV


For Unit V


BOOKS FOR REFERENCE:


Unit – I: Basics of Research


Unit – II: Research Design and Scaling Techniques


Unit- III: Data Collection Methods

Data Collection: Primary and Secondary Data Sources. Tools of Data collection: Schedule, Interview, and Questionnaire -Observation – Survey-Sampling Techniques. Precautions in the Use of Secondary Data

Unit – IV: Data Analysis


Unit – V: Recent Trends in Library and Information Science

Books Recommended for Further Readings

1. Devarajan, G. Research in Library & Information Science. New Delhi; Ess Ess, 2002


5. Ravichandra Rao, I.K, Quantitative Methods for Library and Information’s Science, New Delhi: Wiley Eastern


PAPER- III : INFORMATION TECHNOLOGY (IT)
APPLICATIONS IN LIBRARY AND INFORMATION SCIENCE

Unit – I : Introduction


Unit – II: Library Automation

Social, Economical and Psychological Implications of Library Automation System - Study and Planning for Automation – Computerization of Various House Keeping Operations – A Study of Some Important Library Automation Packages SOUL, LIBSYS etc,

Unit- : Networking

Networking: Need - Purpose – Types – LAN, WAN, MAN, Topologies — Important Networks in Library and Information Science – NICNET, INDONET, INFLIBNET, ERNET, DELNET etc.

Unit IV– Digital Library


Unit V– Resource Sharing

Books Recommended for Further Readings

1. Rajaraman, V. Fundamentals of Computers, New Delhi: PHI

2. Ravichandra Rao, I.K, Library Automation, New Delhi: Wiley Eastern,


4. Iyer, V.K., Management of Library Information services, New Delhi, Rajat Publicaitons.
