


Atal Behari Vajpayee University Bilaspur University
Pre-Ph.D. Course Work For Education
Syllabus : Paper – 2 (CW 02)
Tools and Technology

- Unit 1. Introduction Philosophical, Sociological and Psychological Perspectives of Education
 - Major Thrust areas in Education
 - Education as Inter-disciplinary knowledge
 - Recent research trends in Philosophy of Education and Educational Theories
 - Recent Researches in the field of Perspectives of Education Psychology and Educational Technology
- Unit 2. Introduction to Sociology of Education
 - Education and Socialization
 - Ethnic Issues in Education
 - Recent Research Trends
- Unit 3. Test Construction
 - Planning of a test
 - Item writing
 - Item analysis
 - Establishing reliability, validity, norms and preparation of Manual
- Unit 4. Qualitative Data Analysis
 - Brief overview of techniques : Observation, interview,
 - Sociometric techniques,
 - questionnaire, interview schedule,
 - rating scale
- Unit 5. Quantitative Data Analysis
 - Data Collection
 - Scoring, Raw Score, Standard Scores (Z-Scores, T-Scores)
 - Brief Overview of Normal Probability Distribution
 - Descriptive and Inferential Statistics


Principal
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बिलासपुर