

**National Institute of Technical Teachers' Training and Research (NITTTR),
Deemed to be University under Distinct Category
Shamla Hills, Bhopal**

Ph.D. Programme in Curriculum and Assessment

Syllabus for Entrance Test

Maximum Marks: 50

1. Introduction to Curriculum:

Knowledge and curriculum, Introduction to Outcome Based Education (OBE) and curriculum, Curriculum & instructions. Need for development of curriculum – Purposes, Curriculum & syllabus, Stakeholders of curriculum document, Characteristics of good curriculum document and Policy directives for curriculum development.

2. Curriculum Design & Development:

Stages of curriculum development- Curriculum planning & design, Need assessment, Programme structure development, Models/ Approaches of curriculum development, Innovations in curriculum design & development, Flexible curriculum, Curriculum reforms in the context of NEP:2020, Role of teacher in curriculum design development, implementation & assessment, Formulating course outcomes and Elements/ Components of whole curriculum document.

3. Curriculum Implementations & Evaluation: Curriculum Implementation- Issues & challenges, Factors affecting curriculum implementations, Curriculum evaluation, CIPP model, Review and revision of curriculum.

4. Students' Assessment:

Assessment in education & its importance, NEP 2020 and assessment reform, Outcome based assessment, Domains of learning, Assessing course outcomes, Basic concept of assessment, Measurement and evaluation, Assessment for learning, Assessment of learning, Assessment as learning, Assessment before learning, Characteristic of assessment, Criterion Reference Testing (CRT) and Norms Reference Testing (NRT).

5. Tools of Assessment:

Assessment in three domains, Specification table, Design of different type of questions, Bloom's taxonomy and design of question paper, Direct and indirect tool of assessment, Design of rubrics, Student evaluation- Scoring criteria and grading system, Self-assessment and Portfolio based assessment.
