



MANGALORE UNIVERSITY
Master of Education (M.Ed.)

MES503 (b) – SP: - Specialization Course - II

**Curriculum, Pedagogy and Assessment Practices in Secondary
And Senior Secondary Education**

Objectives / Course Outcomes

On completion of this course the student will be able to

- Explain the principles of curriculum construction and evaluation at secondary and senior secondary stage.
- Analyse the secondary and senior secondary curriculum based on the recommendations of national curriculum frame work 2005, 2009 and ncfse.
- Reflect on the need and importance of work experience/ socially useful productive work, art education, health and physical education and working with the community.
- Explain the significance of teaching of language, social science, science and mathematics at secondary level.
- Explain the characteristics and plan effectively different strategies and methods of teaching learning at secondary level.
- Explain the nature and use of different approaches and types of evaluation.
- Explain current practice of continuous and comprehensive evaluation at the secondary level.
- Acquire the skill of constructing an achievement and diagnostic test.
- Explain need of criterion referenced test (crt) and (nrt) in secondary and senior secondary education.
- Discuss the need and significance of action research in secondary education.
- Explain the need and scope of research in secondary and senior secondary education.

Unit 1: Curriculum Development and Reforms at Secondary and Senior Secondary Level.

- 1.1 School Curriculum Development – components and determinants of school curriculum; principles of curriculum construction, criteria for selection and organization of content and learning activities; Curriculum Reforms – Recommendations by NCF 2005, NCF 2009, NCFSE.
- 1.2 Secondary Education Curriculum – Structure and Functions ; Language, Science, Mathematics and Social Science curriculum – importance, focus and syllabus and transaction mode ; work experience, socially useful productive work, physical education, education of social, moral and spiritual values, vocational and practical work – need, significance and activities.

- 1.3 Senior Secondary Curriculum – structure and functions; critical appraisal of present secondary and senior secondary curriculum.

Unit 2: Teaching and Learning in Secondary and Senior Secondary Education

- 2.1 Teacher Controlled Instruction – Lecture Method, Demonstration, Team teaching – nature, merits and limitations; Activity Based Instruction – nature, categories – precautions in organizing and merits.
- 2.2 Learner – Controlled Instruction – concept, forms of Self – Learning – Programmed Instruction, Personalized System of Instruction (PSI), Computer Assisted Instruction (CAI), Project Work – aims, types of organization, evaluation and role of teacher.
- 2.3 Group – Controlled Instruction – concept, importance ; types – group interactive sessions – elements of interactive session activities, conducting interactive sessions and post-interactive session activities ; group activities involving team work – cooperative learning, group investigation and group projects.

Unit 3: Evaluation in Secondary and Senior Secondary Schools

- 3.1 Evaluation of Student Learning: concept of evaluation; types of evaluation, formative, summative, continuous and comprehensive – concept, characteristics and use; 8mm techniques of continuous and comprehensive evaluation – oral, written and performance.
- 3.2 Types of Tests – Criterion Referenced (CRT), Norm Referenced (NRT), Achievement Test and Diagnostic Test – meaning, characteristics and procedure of construction.
- 3.3 Evaluation process and reforms in Secondary and Senior Secondary Schools – Continuous and Comprehensive Evaluation (CCE), Internal Assessment, semester system and non-scholastic areas ; Critical Appraisal of the present evaluation system un secondary level.

Unit 4: Educational Management and Administration

- 4.1 Organization and Administration of Secondary and Senior Secondary Education – National, State, District and sub-district level.
- 4.2 Management of Secondary and Senior Secondary Institutions - Management Committee, School Development and Management Committee (SDMC), Parent Teacher Association (PTA), National and State agencies of education - NCERT, DSERT, NUEPA, CTE – specific role and functions in quality improvement and management.
- 4.3 Educational Planning and Quality Appraisal – Institutional Planning – need, significance and procedure ; Inspection and Supervision – objectives, factors involved and procedure; school records – types, importance and maintenance. Karnataka State Quality Assessment and Accreditation Council (KSQAAC) – objectives and salient features.

Practicum:

- Critical study of Secondary School Science/Mathematics/Social Science/Language syllabus.
- Study the Continuous and Comprehensive Evaluation (CCE) practices of a Secondary School.
- Preparation of a standardized achievement test in Science/Mathematics/Social Science/Language.
- Preparation of a criterion referenced test in any one school subject.
- Make study of co-scholastic and non-scholastic activities conducted in a Secondary School.
- Critical study of Senior Secondary School syllabus of any one subject.
- Any other relevant practical work/assignment related to the syllabus.

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- Walia J.S., Foundation of School Administration and Organization, Paul Publishers, Jalandhar, Punjab, 2001.
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