

SEMESTER - IV

PE5 KNOWLEDGE AND CURRICULUM

Credits: 4

Internal: 40 marks

Hours/Week: Theory-4hrs Practical - 4hrs

External: 60 marks

Total: 100 marks

Objectives

At the end of the course the student teachers will be able to:

- recognise the epistemological basis of knowledge;
- explain the perspectives of curriculum;
- implement the curriculum development and teaching learning process;
- recall with the various curriculum practices;
- explain the innovations in curriculum development;
- integrate the knowledge on the basis of evaluating curriculum.

Unit I: Knowledge

Epistemology: meaning, philosophical basic of knowledge according to Indian and Western Philosophy - Knowledge: meaning, definition, characteristics - Types of knowledge: Three divisions of knowledge – Implications of knowledge for Teaching and Learning - Sources of knowledge Education: situational, conceptual and strategic - Differences between: knowledge and skill, teaching and training, knowledge and information, reason and belief.

Unit II: Curriculum Perspective

Curriculum: definition and scope - Perspectives of Curriculum - Curriculum and instruction - Course designing – Guidelines - Creating a syllabus - Role of representation and non representation of various social groups in curriculum planning - Curriculum transaction.

Unit III: Curriculum Development and Teaching Learning Process

Stages in the process of curriculum development - Assessing learner needs and characteristics- Implementing the curriculum - Understanding of hidden and enacted curriculum - Models of curriculum development: Grass Root Model, Taylor's Model , Hilda Taba's model, process product model- Core curriculum: activity curriculum, inter disciplinary curriculum - Strategies for curriculum development- Competencies in curriculum development.

Unit IV: Curriculum Practices

Curriculum practice at Elementary, Secondary and Higher Secondary levels: methodology of Education and teaching of subjects, instructional aids and materials - Criteria for future curriculum - Developmental trends - Standard based curriculum development - Traditional Education System - Standard based Educational practice.

Unit V: Innovations in Curriculum Development

Educational goals and trends in curriculum reform - Improving curriculum development process - Curriculum as a way of attaining quality - Constructing the curriculum - Teacher's role in curriculum innovation - Innovation process.

Unit VI: Evaluation Process

Evaluation of the effectiveness of curriculum - Indicators of effective curriculum construction content: existing pedagogies and instructional approaches, teacher training, text books and instructional materials - Agencies of evaluation: NCTE, NCERT, SCERT, and MHRD.

Suggested references:

- ❖ Aggarwal, J.C., & Gupta, S. (2005). *Curriculum Development*. New Delhi: Shipra Publisher.
- ❖ Balrara,M. (1999). *Curriculum Planning for modern schools*. New York: Corwin press.
- ❖ Erickson, H.L. (2007). *Concept based curriculum and instruction for the thinking classroom*.
- ❖ Hassrin,M.(2004).*Curriculum planning for elementary education*. New Delhi: Anmol Publishers.

- ❖ Kumari. S., & Srivastava, D.S.(2005). *Curriculum and Instruction*. New Delhi: Shipra publishers.
- ❖ Panday, M. (2007). *Principles of Curriculum Development*. New Delhi: Rajat Publishers.
- ❖ Rajput, J.S. (2004). *Encyclopedia of Indian Education*. New Delhi: NCERT.
- ❖ Satyanarayanan, P.V. (2004). *Curriculum Development and management*. New Delhi: DPH.
- ❖ Sharma, Promila.(2009). *Curriculum Development*. New Delhi: A.P.H. Publishing corporation.
- ❖ Sharma, R. (2002). *Modern methods of curriculum organization*. Jaipur: Book Enclave.
- ❖ Srivaastava, H.S.(2006). *Curriculum and methods of teaching*. New Delhi: Shipra publishers.
- ❖ Yadav, Y.P.(2006). *Fundamentals of curriculum design*. New Delhi: ShriSai printographers.
- ❖ உமா மகேஷ்வரி, M. (2009). கலைத்திட்ட வளர்ச்சி, சென்னை : G.V. பப்ளிகேஷன்ஸ்.
- ❖ நாகராஜன், கி. (2012). கலைத்திட்ட வளர்ச்சி, சென்னை : இராம் பதிப்பகம்.
- ❖ செந்தில் குமார், சு. (2010), கலைத்திட்ட வளர்ச்சி. நாமக்கல் : சமயுக்தா பதிப்பகம்.
- ❖ தீனதயாள்,P. (2009), கலைத்திட்ட வளர்ச்சி, சென்னை : சாரதா பதிப்பகம்
- ❖ பாஸ்கரன், ஏ, (2008): கலைத்திட்ட வளர்ச்சி. சென்னை : சாரதா பதிப்பகம்
