

Syllabus for the post of Special Educator.

1. Human Development:

- Concepts and Principles of development
- Stages of development (Prenatal development, Infancy, Childhood, Adolescence, □Adulthood),
- Domains (Physical, Sensory- perceptual, Cognitive, Socio-emotional, Language & □communication, Social relationship),
- Theoretical Approaches to Development-Cognitive & Social- cognitive, Psychosocial, Psychoanalytic, Ecological and Holistic.
- Development in the early years (Birth to Eight Years), Early Adolescence (From nine years to eighteen years) and Transitions into Adulthood

2. Foundations in Education

- Philosophies of Education: idealism, naturalism, pragmatism, existentialism, humanism, constructivism and connectionism
- National Commissions and Policies: Education Commission (1964), NPE and POA (1986, 1992), National Policy for Persons with Disabilities (2006)
- National Acts: RCI Act, 1992, PWD Act, 1995, NT Act, 1999, RTE Act (2009 & 2012).
- Programmes and Schemes: IEDC (1974, 1983), SSA (2000, 2011), RMSA, 2009, IEDSS, 2009
- International Conventions and Policies: Salamanca Declaration and Framework, 1994; UNCRPD, 2006;
- Issues and Trends in Education

3. Educational Psychology and Teaching

- Learning and Intelligence
- Cognitive Processes, Personality and Motivation
- Mental Health, Guidance and Counseling
- Teaching Learning Process: Maxims of Teaching , Stages of Teaching and Learning
- Assessment: Strategies and Practices

4. Inclusive Education

- Changing Practices, Diversity.
- Principles and Barriers to Inclusive Education
- Adaptations Accommodations and Modifications
- Inclusive Academic Instructions
- Supports and Collaborations for Inclusive Education

Specific Disability

5. Autism Spectrum Disorders (ASD)

➤ **Identification and assessment of needs:**

- Concept and definition of Autism Spectrum Disorders,
- Etiology, Types and Characteristics,
- Related Disorders,
- Diagnosis and assessment,
- Diagnostic Criteria and Tools,
- Areas of Assessment and Differential Assessment

➤ **Curriculum designing, adaptation and evaluation:**

- Principles and Types of curriculum:
- Curriculum in Language and social communication, Self-care□, Social behaviour□, Academic skills, Pre-vocational and leisure
- Curricular Adaptation for Inclusive Education of Children with ASD,
- Methods of Evaluation.
- Teaching approaches and strategies: Developmental, Behavioural, Cognitive and Social

➤ **Assistive intervention and technology**

- Intervention strategies in language and communication, Sensory Motor
- Assistive Devices for communication, behaviour and academics.

6. Hearing Impairment

➤ **Assessment and identification of needs:**

- Early Identification of Hearing Loss
- Need & Types of assessment: Audiology, Language & Communication, Speech and Educational

➤ **Curriculum designing, adaptation and evaluation:**

- Literacy Skills,
- Curricular Adaptation,
- Curricular Evaluation
- Intervention and teaching strategies: Early Intervention of Hearing Loss, Auditory Learning & Speech Reading, speech, Communication and Language and Education.

➤ **Technology and disability:**

- Listening Devices and Classroom Acoustics,
- Technology for Facilitating Language & Communication and education.

7. Learning Disability:

➤ **Assessment and identification of needs:**

- Definition, concept□, etiology and Types
- Co-morbidity with LD,
- Screening and identification criteria, Differential diagnosis,

- Assessment tools,
- Assessment of Domains and Curricular Areas
- **Curriculum designing, adaptation and evaluation:**
- Concept and Principles of Inclusive Curriculum ,
- Types of curriculum,
- Universal design of learning for curriculum development, NCF ,
- Curriculum Hierarchies,
- Instructional Planning,
- Concept of adaptation, modification, accommodation, Steps of adaptation □,
- Differentiated instruction □, IEP, Classroom management,
- Types and Tools of evaluation
- **Intervention and teaching strategies:**
- Curriculum intervention , Steps of intervention ,
- Educational Interventions for Processing Deficit, Reading and Writing, Mathematics and Life Skills
- Cascade of services and Response to Intervention
- Issues and ethics in educational intervention
- **Technology & Disability:**
- Tools of technology, Assistive technology,
- Use of assistive technology for children with LD,
- Technology for Classroom Engagement,
- Issues in Using Technology

8. Intellectual Disability:

- **Assessment and identification of needs:**
- Definitions, Etiology, Prevention □ and Classification of Intellectual Disability
- Methods, Types, Approaches and Areas of Assessment
- Assessment at different levels- Pre-School, School levels, Adult and Vocational levels and Family Needs.
- **Curriculum designing, adaptation & evaluation:**
- Types and Approaches of Curriculum Designing □
- Curriculum Domains - Personal, Social, Academics, Recreational and Community □ living □
- Steps and challenges in developing curriculum for inclusion
- Curriculum evaluation
- Curriculum at different levels: Pre-School and Primary School level, Secondary, Pre-vocational and Vocational level .
- Curriculum Adaptation, Accommodation and Modification for Pre –academic, Academics, Co-Curriculum □ and School Subjects
- Types and Approaches of curriculum Evaluation □
- Trends and issues in evaluation

- **Intervention and teaching strategies:**
 - Early Intervention: concept, significance and advantages
 - Types of Early Intervention □
 - Intervention Techniques □
 - Intervention for Mal-adaptive Behaviour, Therapeutic Intervention
- **Technology and disability:**
 - Approaches of Educational Technology
 - Differential Instruction, Universal Design of learning and Individualized Instruction. Technology Based Instructions

9. Multiple Disabilities:

- **Assessment and Identification of needs:**
 - Types of Multiple Disabilities- Locomotor, Neurological, Deaf -blindness and additional conditions and Chromosomal abnormality
 - Types and Approaches to assessment
- **Curriculum designing, adaptation and evaluation**
 - Principles, Types and Approaches of curriculum development
 - Individualized Educational Programme (IEP), Individualized Family Support Plan □ (IFSP), Individualized Transition Plan (ITP), Individualized vocational Education □ Plan (IVEP) □
 - Curriculum Development at Various Stages □: Early intervention group, Pre-school level, Primary level □, Secondary level □, Pre-vocational, Transition, Vocational and Life skills training
 - Adaptation of Curricular and Co-curricular Material for different disabilities.
 - Classroom Management
 - Teaching strategies and techniques for different disabilities.
 - Types and Strategies for evaluating the children with multiple disabilities
- **Intervention and teaching strategies:**
 - Early Intervention □
 - Multimodal approaches for Language, communication and □ speech, Cognition, social emotional skills,
 - Therapeutic Intervention Strategies, Teaching Methods, Techniques and Strategies, Universal Design in Learning,
- **Technology and disabilities:**
 - Levels of Assistive Technology
 - Assistive Technology for Communication, Academic Learning and Assistive Living, Social Skills, Orientation and Mobility

- Assistive Technology to Support Universal Design for Learning (UDL)

10. **Visual impairment:**

➤ **Identification and assessment of needs:**

- Concept, etiology and definitions of blindness and low vision, visual acuity, visual field, depth perception and contrast sensitivity
- Types of Visual Impairment and Common Eye Disorders
- Psychosocial implications of visual impairment □
- Effect of visual impairment on growth and development: Physical, Motor, Language, □Socio-emotional, and Cognitive development
- Methods and tools of psychological and functional assessment
- Identification, and assessment of Visually Impaired children with

➤ **Curriculum, adaptation and strategies for teaching expanded curriculum:**

- Types and Approaches to curriculum – Developmental, Functional, Eclectic □and Universal design
- Core Curriculum and Expanded Core Curriculum-
- Teaching Functional Academics and Independent Living Skills
- Curricular Adaptation and activities.

➤ **INTERVENTION AND TEACHING STRATEGIES:**

- Intervention for low vision and lately blinded students,
- Mediated teaching-learning, Enriched teaching for Concept development
- Teaching strategies in science, mathematics, social studies,

➤ **Technology and education:**

- Adaptive and assistive Technologies for visually impaired and low vision
- Computer-Aided Learning

