



Course Title: Introduction to Locomotor & Multiple Disabilities

Credit Units: 2

Course Code: SPED 107

Level: UG

L	T	P/ S	SW/F W	TOTAL CREDIT UNITS
2	-	-	-	2

Course Objectives:

After completing this course, the pupil-trainee will be able to

- Identify the persons with Locomotor disabilities such as Cerebral Palsy, Amputees, Polio, Leprosy cured, Muscular dystrophies, Neural and spinal defects and Multiple disabilities.
- Plan an effective programme for creating awareness about the persons with Locomotor disabilities and Multiple disabilities.
- Plan an effective therapeutic and programme for the persons with Locomotor disabilities and Multiple disabilities and to refer for medical intervention if necessary.
- Plan an effective educational programme and functional activities for the persons with Locomotor disabilities and Multiple disabilities.

Student learning outcome

- The student-trainee will be able to understand the varieties of locomotor disabilities like Cerebral Palsy, Amputees, Polio, Leprosy cured, Muscular dystrophies, Neural and spinal defects and Multiple disabilities.
- The student-trainee will plan effectively to spread awareness of persons with Locomotor disabilities and Multiple disabilities.
- The student-trainee will be able to assess functional limitations and implementation of therapeutic programme for the persons with Locomotor disabilities and Multiple disabilities and referral for medical intervention if required.
- The student-trainee will be able to design effective academic programme and appropriate teaching learning material
- The student-trainee will be able to explain the need of environmental adaptation and functional activities for the persons with Locomotor disabilities and Multiple disabilities.

Course Contents/Syllabus:



	Weightage (%)
MODULE I : Cerebral Palsy (CP)	35
Descriptors/Topics <ul style="list-style-type: none">• CP: Nature, Types and Its Associated Conditions• Assessment of Functional Difficulties of CP including Abnormalities of Joints and Movements (Gaits)• Provision of Therapeutic Intervention and Referral of Children with CP• Implications of Functional Limitations of Children with CP in Education and Creating Prosthetic Environment in School and Home: Seating Arrangements, Positioning and Handling Techniques at Home and School• Facilitating Teaching-Learning of Children with CP in School, IEP, Developing• TLM; Assistive Technology to Facilitate Learning and Functional Activities	
MODULE II : Amputees, Polio, Spinal Cord Injuries Spina-bifida and Muscular Dystrophy	35
Descriptors/Topics <ul style="list-style-type: none">• Definition, Meaning and Classification• Assessment of Functional Difficulties• Provision of Therapeutic Intervention and Referral Implications of Functional Limitations for Education and Creating Prosthetic Environment in School and Home: Seating Arrangements, Positioning and Handling Techniques at Home and School• Facilitating Teaching-Learning: IEP, Developing TLM; Assistive technology	
MODULE III : Multiple Disabilities and Other Disabling Conditions	30
Descriptors/Topics <ul style="list-style-type: none">• Multiple Disabilities: Meaning and Classifications• Various Combinations of Multiple Disabilities and Associated Conditions Such as Epilepsy, Motor and Sensory Conditions• Other Disabling Conditions such as Leprosy Cured Students, Tuberos Sclerosis and Multiple Sclerosis• Implications of Functional Limitations for Education and Creating Prosthetic Environment in School and Home: Seating Arrangements, Positioning and Handling Techniques at Home and School• Facilitating Teaching-Learning: IEP, Developing TLM; Assistive technology	

Pedagogy for Course Delivery:

- Lecture
- Tutorials
- Presentation and Discussions
- Visits
- Observations
- Workshops

Lab/ Practicals details, if applicable:



- Undertake a case study after identifying a child with cerebral palsy or a child with Multiple Disabilities. Assess the child's difficulties in activities of daily living and academic activities and develop an intervention plan.
- Undertake a survey on 50 children with different disabilities and find out how many children are affected with cerebral palsy and multiple disabilities. Find out the causes of their disabling conditions and what difficulties these children are facing in attending their schools.

Assessment/ Examination Scheme:

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
20	N.A	80

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment				End Term Examination
Components (Drop down)	Class Test	Project	Attendance	End Term Examination
Weightage (%)	10	5	5	80

Lab/ Practical/ Studio Assessment:

	Continuous Assessment/Internal Assessment				End Term Examination		
Components (Drop down)							
Weightage (%)							

Text & References:

Essential Readings:

- Miller, F. and Bachrach, S.J. (2012). *Cerebral Palsy: A Complete Guide for Caregiving*. A Johns Hopkins Press Health Book.
- Sarva Siksha Abhiyan. Module on Cerebral Palsy. http://ssa.nic.in/inclusiveeducation/training-module-for-resource-teachers-for-disablechildren/Module%205%20Cerebral%20Palsy.pdf/at_download/file
- Sarva Siksha Abhiyan . Module on Multiple Disabilities. http://ssa.nic.in/inclusiveeducation/training-module-for-resource-teachers-for-disablechildren/Module%203%20Multiple%20Disability.pdf/at_download/file



Any other Study Material:

- Power Point Presentations
- Resource material collected and compiled from reference books