**SNE 419 INTRODUCTION TO ORTHOPEDIC AND HEALTH IMPAIRMENTS**

**Introduction**

This course will provide a complete description oforthopedic and health impairment. It will facilitate the students to find out such children from the community after taking into consideration the information about the specific characteristics, causes, physical appearance and functional abnormities of the children.

**Objectives**

On successful completion of the course, the participants will be able to:

1. Provide a distinct descriptions of orthopedic and health impairment.
2. Know about functional physical defects and abnormalities of orthopedic and health problems.
3. Plan and implement the educational strategies for children with physical impairment.

**Course Agenda**

1. **Introduction**
   1. Definitions of orthopedic and health impairments
   2. Deference between disability, impairment & handicap
   3. Physical/Motor and reflex development.
2. **Orthopedic/musculoskeletal disorders/causes/characteristics physical/functional, defects abnormalities**
   1. Hip conditions
   2. Limb deficiencies
   3. Spinal cord injury
   4. Spinal muscular atrophy
   5. Arthritis
   6. Marfan syndrome
   7. Amputation
   8. Club foot
   9. Management and educational adaptations
3. **Health impairment/causes/characteristics/physical defects/functional abnormalities.**
   1. Asthma
   2. Cystic fibrosis
   3. Blood diseases
   4. Inborn errors of metabolism
   5. Juvenile rheumatoid arthritis
   6. Management and educational adaptations

**References**

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