

## **DEPARTMENT OF THERAPEUTICS**

The Department of Therapeutics consists of Speech – Language Therapy and Audiology, Physical Therapy and Occupational Therapy units. The department provides assessment and evaluation of therapeutic needs and carries out management / intervention / rehabilitation in the concerned areas. Home Based intervention program and demonstration for the same are given to parents/siblings of each client. Parent counseling is done explaining the nature of the client's condition and his / her level of functioning.

### **Speech-language Therapy & Audiology Unit:**

Here speech, language and communication delays and disorders are assessed and evaluated using standard Speech and language Assessment Tools and treated by variety of Speech and Language therapeutic strategies and techniques. Speech sound errors and articulation disorders, motor Speech disorders, receptive and expressive language disorders, cognitive – communication disorders, fluency disorders, and voice disorders are treated here. Clients suspected to have hearing impairment are screened/tested using different sophisticated audiometers and diagnosis is made. Hearing aid prescription and aural rehabilitation is done for the needy clients.

### **Physiotherapy Therapy Unit:**

Here motor disorders, delays and gross motor skills are assessed and evaluated using standard tools. The clients having motor problems and delays are provided physical therapy as per the need. The different motor disorders tackled are: Delayed motor milestones, Quadriplegia, Hemiplegia, Monoplegia, Diplegia, Spasticity, Flaccidity. The clients who developed contractures & deformities are prescribed with the orthotic devices like Splints, Calipers, Braces.

The overall objective is to improve the strength and stability in the muscles having coordination problem to enable movement, mobility, function and to perform daily activities to the expected level.

**Occupational Therapy Unit:**

Here gross and fine motor skills, Cognitive and perceptual skills and comprehension skills are assessed and evaluated using standard tools. The problems in attention, concentration, concept formation, figure ground perception, planning & organization, problem solving are tackled here. Occupational therapy is provided to improve skills in activities of daily living (ADL), self-care, mobility, fine and gross motor coordination, eye-hand coordination and sensory integration.