



TEERTHANKER MAHAVEER UNIVERSITY

DEPARTMENT OF PHYSIOTHERAPY

VALUE ADDED COURSES

(w.e.f. 2018-19)



Course Code: VMPHY402	Value Added Course M.P.T. 4th Semester NEURODEVELOPMENTAL THERAPY	Hours: 16
Course Outcomes:	On completion of the course, the students will be :	
CO1	Understanding of normal fetal development	
CO2	Application of various NDT techniques	
CO3	Analysis and evaluation of various neurological conditions and usage of various screening tests	
Course Content		
Unit – 1:	Introduction to normal fetal development, primitive reflexes, milestones	3 Hours
Unit – 2:	High risk babies, Developmental screening tests, Introduction to NDT, history of Bobath	3 Hours
Unit – 3:	Reflex Inhibiting Patterns. Synergy development	3 Hours
Unit – 4:	Various recreational activities development related to gross motor development	3 Hours
Unit – 5:	Application of NDT in various pediatric conditions	4 Hours
Book:	Neuro-Developmental Treatment: A Guide to NDT Clinical Practice 1St Edition by Judith C Bierman, Thieme Medical Publishers	

