



Department of Physiotherapy, Teerthanker Mahaveer University

welcomes applications for Value Added Course.

Name of the Value Added Course: Brains, Minds and Machines

Who should apply?

The Master in Physiotherapy students and undergraduate & postgraduate students of any other stream.

Course Duration: Minimum contact hours : 20 hours

Assessment through Assignments would be conducted at the end of the programme

Value added Courses Objectives:

- To develop insight into various values that necessarily helps one in professional development.
- To gain knowledge and skills that would help the student understand the core course in a more efficient way.

Value added Courses Highlights:

- Learning scientific study of intelligence in brains and machines
- Learning about the theoretical foundations and computational methods used in intelligence research and empirical methods used in neuroscience and cognitive science to probe the function of neural circuits and emergent behavior

Course Contents:

- Neural circuits of intelligence , modelling human cognition,
- Development of intelligence
- Theory of intelligence
- Visual intelligence, vision and language, Social intelligence, audition and speech
- Robotics, virtual and augmented reality

NOTE: *If the registration in the above mentioned course is less than 10, the course shall be withdrawn from being functional.*