



**SCHOOL OF SCIENCE**

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[science.nmims.edu](http://science.nmims.edu)

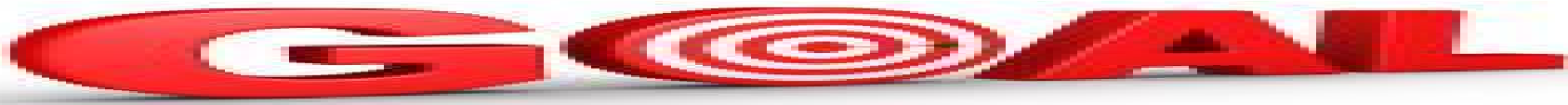
# PLACEMENT BROCHURE

## 2015 - 2017



## Our Mission

- To enhance in-depth clinical reasoning, update students with recent advances and enable them to carry out holistic approach in patient care.
- To impart research basis and imbibe evidence based practice.



- Overall development of the student with emphasis on academic excellence as well quality patient care.
- To facilitate exposure to highly specialized areas such neonatal ICU, pediatric neurology and on-field management in sports.
- To establish linkages with various bodies in society related to health care

# OUTLINE OF THE COURSE

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- Two years full time course
- Trimester Pattern
- Two papers in each Trimester
- On going dissertation in the area of specialization having a duration of 1.5 year.

# **TOPICS COVERED**

## **GENERALIZED SUBJECTS**

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- Applied Medical Sciences
- Applied Biomechanics & Kinesiology
- Research Methodology & Biostatistics
- Applied Exercise Physiology, Health & Fitness
- Applied Electrotherapy & Electro diagnostics
- Bioengineering
- Ethics
- Normal Development & Neurophysiological Approaches
- Manual Medicine

# TOPICS COVERED

## SPECIALITY SUBJECTS

### MUSCULOSKELETAL SCIENCES

- ❑ Trauma
- ❑ Orthopaedic Medicine
- ❑ Pain Evaluation & Management
- ❑ Advances in Manual Therapy
- ❑ Hand Rehabilitation
- ❑ Sports Rehabilitation

### NEUROSCIENCES

- ❑ Neuroanatomy, Physiology & Normal Development
- ❑ Motor Control & Motor Learning
- ❑ Neuromedical Disorders – Adult & Pediatrics
- ❑ Neurosurgical Disorders – Adult & Pediatrics

# HANDS ON SKILLS : MUSCULOSKELETAL





# HANDS ON SKILLS : SPORTS REHABILITATION



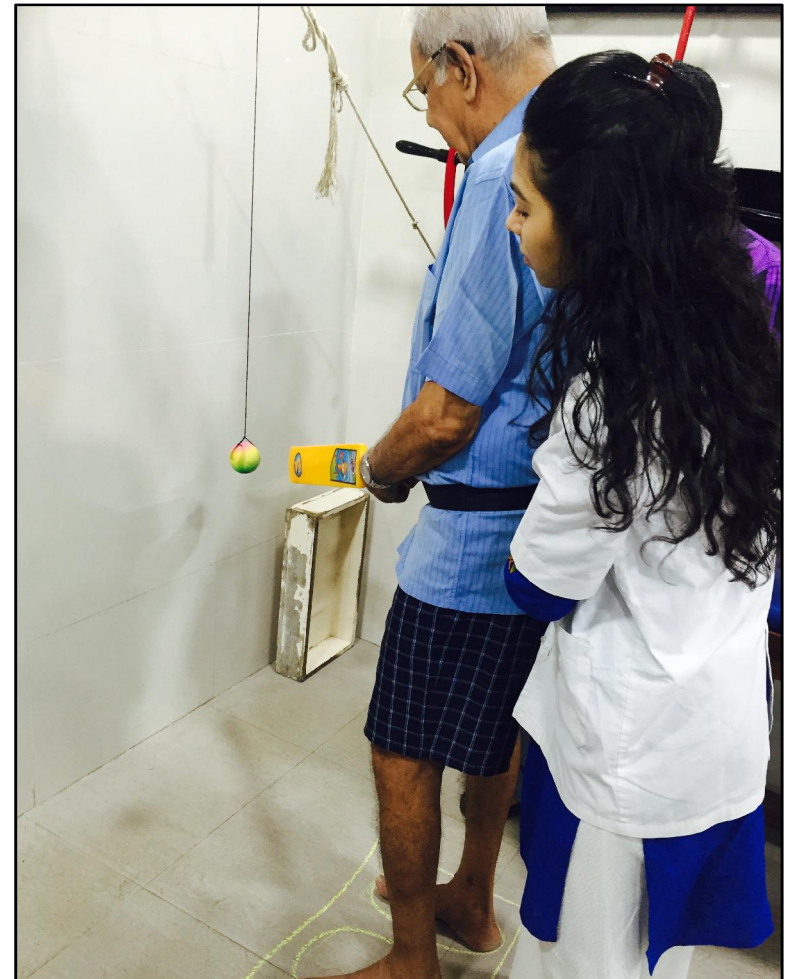


# HANDS ON SKILLS : (PEDIATRICS) NEUROLOGICAL REHABILITATION



# HANDS ON SKILLS : (ADULTS)

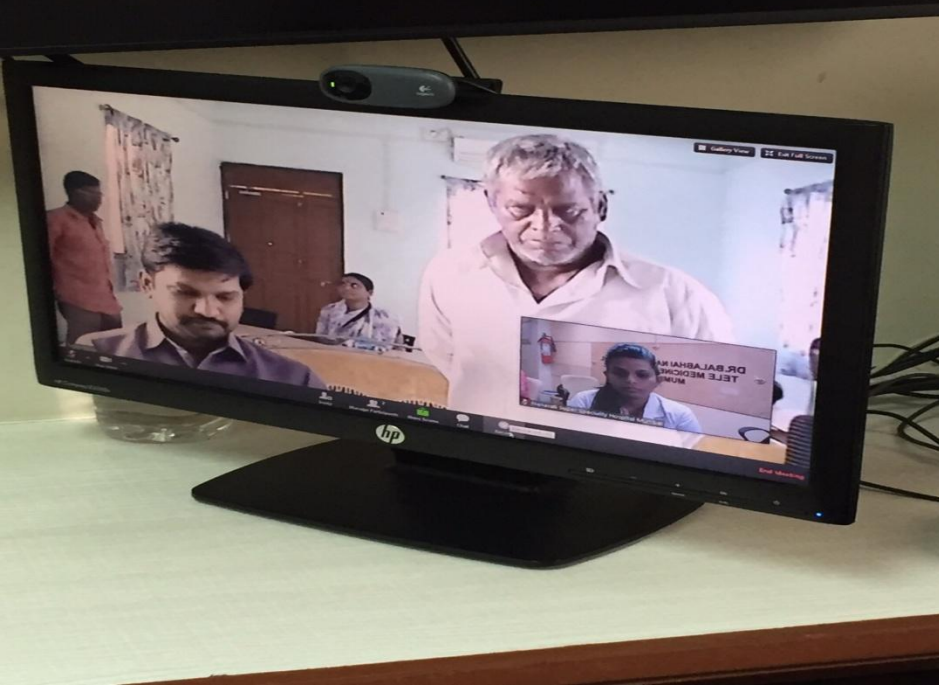
## NEUROLOGICAL REHABILITATION



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# **HANDS ON SKILLS :** **TELEREHABILITATION**





# BATCH PROFILE

## Neurosciences (Paediatrics)

**Name:** Krishna Jariwala

**Dissertation:** Motor proficiency in typically developing children

**Name:** Payal Adhikary

**Dissertation:** Efficacy of task oriented approach to improve physical activity in geriatric population.

# BATCH PROFILE

## Musculoskeletal Sciences

**Name:** Lizanne Paes

**Dissertation:** Effects of Gluteal Muscle Strengthening versus lumbar stabilization exercises in chronic low back pain a comparative study

**Name:** Dipti Jain

**Dissertation:** Physical fitness in contemporary dancers

**Name:** Hetali Shah

**Dissertation:** Effect of hammer tone v/s Mulligans technique on radiating low back pain

**Name:** Sachi Jaising

**Dissertation:** Effects of core muscle release technique(cmrt) versus pilates for patients with technical low back pain.

# BATCH PROFILE

## Sciences.

**Name:** Sneha Nair

**Dissertation:** Effect of muscle energy technique v/s positional release technique on upper trapezitis a comparative study

**Name:** Parita Patel

**Dissertation:** Comparison of sub occipital muscle inhibition technique over bent leg raise technique on hamstring muscle flexibility in healthy individual

**Name:** Purva Adukia

**Dissertation:** Effect of latissimus dorsi stretch on adhesive capsulitis.



# BATCH PROFILE

## Sciences.

**Name:** Nirali Shah

**Dissertation:** Effect of Size of Smartphone on Hand Functions

**Name:** Poonam Desai

**Dissertation:** Role of Hip Flexibility and Muscle Strength on Gait in Healthy Adults

**Name:** Namitha Nandakumar

**Dissertation:** Comparision of Effect of ice roller and ischemic compression on ITB tightness in OA Knees patients.

# Contact us:

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**THANK YOU**