



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

MGM SCHOOL OF PHYSIOTHERAPY

Sector-1, Kamothe, Navi Mumbai – 410209

Induction Program for MPT 2019-2021

Sr. No	Day	Event
1.	Day 1	<ul style="list-style-type: none">• Talk by Head of Institute & MPT Coordinator followed by• Orientation of MGM campus• Orientation on rules and regulations of Institute• Discussion about MPT syllabus
2.	Day 2	Morning session: <ul style="list-style-type: none">• Clinical Posting in respective specialty area allotted based on rotatory postings and visit to OPD & IPD• Library visit & overview
		Afternoon Session: <ul style="list-style-type: none">• Bioethics, Professional issues, Ethics & Constitution
3.	Day 3	<ul style="list-style-type: none">• Research Methodology & Biostatistics workshop
4.	Day 4	<ul style="list-style-type: none">• Research Methodology & Biostatistics workshop
		<ul style="list-style-type: none">• Allotment of MPT guide
5.	Day 5	<ul style="list-style-type: none">• Visit to center of excellences and various exclusive facilities of respective constituent units.

Name of the Programme	Master Of Physiotherapy (MPT) Specialty - Neuro Physiotherapy
Name of the Course	Research methods
Course Code	MPTAECC002
Credit per Semester	2 credits
Hours per Semester	40 hours

Course Outcomes

Student will be able to

CO 1	understand basic concept of research, design, problems & sampling techniques of research.
CO 2	gain knowledge of various types of study designs and planning for the same.
CO 3	plan for a research study
CO 4	understand various methods of quantitative and qualitative data analyses
CO 5	describe the terminology in research, ethical issues and research process.
CO 6	describe important sources, and steps in reviewing of literature.
CO 7	understand sampling technique, research process, data collection, biostatistics, correlation and statistical significance tests.
CO 8	identify and to be able to participate in or conduct descriptive, explorative, survey studies in physical therapy practice with statistics.
Expected Competencies : Student will be able to	
EC1	Formulate a research proposal with a relevant research question, with definition of PICO-population /problem under study, intervention /exposure, comparison or control group and outcome measures. Identify study design and use appropriate guidelines like PRISMA, STROBE etc
EC2	obtain ethical approval from designated ethics committee
EC3	carry out a thorough review of literature using available search engines and other legitimate sources
EC4	prepare a project budget and timeline
EC4	identify reliable and valid outcome measures relevant to the project
EC5	identify statistical methods to be employed in the project
EC6	understand ethics of research and plagiarism