

INSTITUTE	FACULTY OF PHYSIOTHERAPY
PROGRAM	MASTER OF PHYSIOTHERAPY
SEMESTER	1
COURSE TITLE	LAWS, ETHICS, ADMINISTRATIO N EDUCATIONAL METHODOLOGY
COURSE CODE	MPT-101
COURSE CREDITS	5

Objective:

- 1 Explain essential ethical principles, informed consent, ICMR guidelines, and ethical issues in clinical practice and research.
- 2 Interpret major physiotherapy laws, including the NCAHP Act, Consumer Protection Act, and RPwD Act.
- 3 Apply basic management, administration, communication, and quality assurance principles in physiotherapy services.
- 4 Demonstrate foundational skills in educational methodology, including adult learning, teaching methods, and lesson planning.
- 5 Understand entrepreneurship concepts and integrate ethical, managerial, and educational competencies for professional growth.

Course Outcomes: After completion of this course, student will be able to:

- 1 Explain essential ethical principles, informed consent, ICMR guidelines, and ethical issues in clinical practice and research.
- 2 Interpret major physiotherapy laws, including the NCAHP Act, Consumer Protection Act, and RPwD Act.
- 3 Apply basic management, administration, communication, and quality assurance principles in physiotherapy services.
- 4 Demonstrate foundational skills in educational methodology, including adult learning, teaching methods, and lesson planning.
- 5 Understand entrepreneurship concepts and integrate ethical, managerial, and educational competencies for professional growth.

Pre-requisite of course: Students should have foundational knowledge of physiotherapy practice and basic clinical exposure, along with the ability to understand professional responsibilities and healthcare communication.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
90	0	0	100	0	0	0	0

Contents : Unit	Topics	Contact Hours
1	<p>ETHICS AND LAW</p> <p>Principles of ethics History and evolution of ethics - Helsinki declaration; Nuremberg Code; Principles of ethics and its importance - Autonomy, Beneficence, Non maleficence, Justice , Professionalism, Ethics in professional practice Principles of practice in respective profession. Privacy, confidentiality, shared decision making, informed consent, equality and equity, justice, ICMR Guidelines General principles, Responsible conduct of research, Risk benefit assessment , Informed Consent Process Components of informed consent document, Procedure in obtaining informed consent, Special situations, waivers, and proxy consent, Roles and Responsibilities of IEC Ethical Review process, Classification of projects for review, Roles and responsibilities of members, Communications with investigators and authorities, Ethics in Special and Vulnerable Populations Types of Vulnerability and vulnerable population, Challenges for research in vulnerable population, Guidelines for research in special and vulnerable population , Conflict of Interest Definition and Types of Conflict of Interest, Identifying, mitigating and managing Conflict of Interest, Conflicts of interest in international collaborations , Publication Ethics Importance of publishing, Authorship guidelines according to ICMJE, Plagiarism , Laws governing Physiotherapy practice: NCAHP Act, Consumer Protection Act, Rights of persons with disability act Ethical issues in practice of Physiotherapy-Clinical, Research and Academics</p>	30
2	<p>MANAGEMENT AND ADMINISTRATION IN PHYSIOTHERAPY</p> <p>Principles and applications of Management and Administration to Physio Therapy practice, Management PROCESS: planning, organizing, staffing, finance, marketing, controlling, directing. , Quality assurance: Total Quality Management: basis of quality management, qualityassurance program in hospitals, medical audit and international quality system. , COMMUNICATION: Process of Communication Barriers to Communication Types of Communication Written vs. Oral Communication Elements of good communication, Hospital as an organization: functions and types of hospitals MANAGEMENT IN HOSPITAL Setting of a physiotherapy service unit</p>	30

Contents : Unit	Topics	Contact Hours
3	MANAGEMENT OF TEACHING INSTITUTION AND EDUCATIONAL METHODOLOGY IN PHYSIOTHERAPY Education: definition, aims and objectives of education, Agencies of education, Formal and informal education, brief introduction to the philosophies of education, taxonomy of educational objectives, essentials of Physiotherapy education, NEP , Basics of Adult Learning Theories including Learning Styles and Motivation, Concept of teaching – learning - nature of learning, type and stages of learning, factors affecting learning, laws of learning, learning style teaching learning process, role of teacher in teaching learning process, Adult learning , Teaching skills, Teaching Methods in Classroom Setting, clinical teaching methods, planning of teaching: lesson planning and unit planning Teaching aids and educational technology, Formulating Intended Learning Outcomes Including Tyler’s principles, Bloom's Taxonomy, Miller's Pyramid, Clinical Competence, and Dreyfus' Model of Skill Acquisition , Entrepreneurship in Physiotherapy Practice: Need, Advantages and Opportunities,	30
Total Hours		90

Textbook :

- 1 Principles of Biomedical Ethics, Tom L. Beauchamp, James F. Childress, Oxford University Press, 1994
- 2 Ethical Challenges in Study Design and Informed Consent, Patricia A. Marshall, World Health Organization, 2007
- 3 National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, Indian Council of Medical Research (ICMR), ICMR New Delhi , 2017
- 4 ABC of Learning and Teaching in Medicine, Peter Cantillon, Diana Wood, Sarah Yardley, BMJ Books / Wiley, 2017
- 5 Understanding Medical Education: Evidence, Theory, and Practice, Tim Swanwick, Kirsty Forrest, Bridget C. O'Brien, Wiley-Blackwell, 2018
- 6 Principles of Medical Education, Tejinder Singh, Piyush Gupta, Daljit Singh, Jaypee Brothers, New Delhi, 2012

Suggested Theory Distribution:

The suggested theory distribution as per Bloom’s taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
0.00	0.00	35.00	35.00	30.00	0.00

Instructional Method:

- 1 Interactive Lectures
- 2 Case-Based Learning
- 3 Group Discussions & Debates
- 4 Role Play / Simulation
- 5 Expert Sessions