

GALGOTIAS UNIVERSITY
SCHOOL OF MEDICAL AND ALLIED SCIENCES
Department of Paramedical and Allied Health
Sciences
PROGRAMME: Bachelor's of Physiotherapy

Vision To be globally recognized for Physiotherapy education, interdisciplinary research and innovative therapeutic techniques for Rehabilitation.

Mission Developing entrepreneurs in the healthcare domain.

M1

M 2 Collaborating with health care sector for development of curriculum, fundamentals and practical knowledge.

M 3 Establishing centre of excellence in the field of evidence-based management and research.

Programme Outcomes (PO's)

<u>S.No</u>	<u>PO No</u>	<u>PO Title</u>	<u>PO statement</u>
1	PO1	Physiotherapy Knowledge	Coursework entitles independent physiotherapy assessment and treatment in any healthcare delivery centers in India by the graduates
2	PO2	Problem analysis	Evaluate patients for impairments and functional limitations and able to execute all routine physiotherapeutic procedures as per the evaluation
3	PO3	Design/development of solutions	The graduate will utilize critical inquiry and evidence based practice to make clinical decisions essential for autonomous practice
4	PO4	Leadership skills	the graduate will demonstrate the leadership skills in performing societal and professional upliftment.
5	PO5	Professional Identity	Graduates can find employment opportunities in hospitals/nursing homes/sports teams/fitness centers/Community Rehabilitation /Health planning boards/health promotions services in both private and public sectors as well as in independent physiotherapy clinics
6	PO6	Physiotherapy and society	The graduate will function as an active member of professional and community organizations. The graduate will be a service-oriented advocate dedicated to the promotion and improvement of community health.

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7	P07	Basic medical Knowledge	the graduates will execute their basic medical knowledge in prevention, evaluation, treatment and rehabilitation of patient.
8	P08	Ethics	The graduate will be a competent and reflective physiotherapy practitioner who can function safely and effectively while adhering to legal, ethical and professional standards of practice in a multitude of physiotherapy settings for patients and clients across the lifespan and along the continuum of care from wellness and prevention to rehabilitation of dysfunction
9	P09	Individual or team work	The coursework is designed to train students to work as independent physiotherapists or in conjunction with a multidisciplinary team to diagnose and treat disorders as per the standard healthcare guidelines.
10	P010	Communication	Communicates and educates the individual's family, community, and other professionals about positive health, prevention, wellness, and rehabilitation.
11	P011	Physiotherapy Patient evaluation & management	Coursework will skill the graduate's physical/functional diagnosis, treatment planning, management, administration of physiotherapy treatment and for patient support
12	P012	Life-long Learning	The graduate will demonstrate lifelong commitment to learning and professional development.

Programme Educational Objectives(PEO's) :

PEO 1	Engage in evidence-based treatment and collaborate with other professionals in multidisciplinary team.
PEO 2	Take up higher education for career growth and research.
PEO 3	Provide solutions for improving quality of life with effective physiotherapy rehabilitation.



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BPT 442	PHYSIOTHERAPY IN SPORTS CONDITIONS PRACTICAL - II	L	T	P	C
Version 1		0	0	4	2
Pre-requisites					
Co-requisites					

Course objective:

The student is expected to study:

- The evaluation of an individual prior to exercise.
- The diet and nutrition of an athlete.
- Physiological effects of exercise
- Principles of injury prevention and rehabilitation of sports injury.

Course outcomes:

On completion of the course a student is expected to:

1. Identify various sports dysfunctions clinically
2. Set goals and apply therapeutic skills in different sports conditions.
3. Acquire concepts of evaluation of sports and sports injuries.
4. Program sports training and physiotherapy in particular condition
5. Basic principles of application of physical therapy in treatment of sports conditions

Text Books:

- Peter Brukner, Karim Khan. Brukner & Khan's Clinical Sports Medicine 4th edition, McGraw-Hill Medical, 2012, ISBN:978-0070998131
- María Zuluaga. Sports Physiotherapy: Applied Science and Practice 1st edition illustrated, Churchill Livingstone, 1995, ISBN: 9780443048043

Reference Books:

- Christopher M. Norris. Sports Injuries: Dignosis and Management 3rd edition, Butterworth-Heinemann, 2004, ISBN: 978-0750652230
- James E. Zachazewski, David J. Magee. Athletic Injuries and Rehabilitation 1st edition, Saunders, 1996, ISBN: 978-0721649467

Course Contents:

- Practical demonstration of basic principles of application of physical therapy in treatment of :
 - Common Acute, Chronic and overuse injuries of soft tissue, bone & joint of :
 - Upper and Lower Limb
 - Head, Neck and Spine
- Practical demonstration of basic principles of application of physical therapy in treatment of Sports conditions in Special groups

Mode of Evaluation:

Components	Practical	
	Internal	ETE
Marks	25	75
Total Marks	100	

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Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

Mapping between COs and POs		
Sl. No.	Course Outcomes (COs)	Mapped Program Outcomes
1.	Identify various sports dysfunctions clinically	1, 2, 3, 6, 7, 11
2.	Set goals and apply therapeutic skills in different sports conditions.	3, 5, 8, 11
3.	Acquire concepts of evaluation of sports and sports injuries.	1, 2, 3, 11, 12
4.	Program sports training and physiotherapy in particular condition	3, 4, 9, 11, 12
5.	Basic principles of application of physical therapy in treatment of sports conditions	1, 3, 10, 11

		Physiotherapy Knowledge	Problem analysis	Design/development of solutions	Leadership skills	Professional Identity	The Physiotherapy and society	Basic medical Knowledge	Ethics	Individual or team work	Communication	Physiotherapy Patient management & evaluation	Life-long Learning
		1	2	3	4	5	6	7	8	9	10	11	12
BPT 452	PHYSIOTHERAPY IN SPORTS CONDITIONS PRACTICAL – II	3	2	2	1	2	1	1	1	2	1	3	1

1=Addressed to small extent

2= Addressed significantly

3=Major part of course

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