



MANGALORE UNIVERSITY
Department of Physical Education
Master of Physical Education (M.P.Ed.)

MDH501: CONTEMPORARY TRENDS IN PHYSICAL EDUCATION AND SPORTS

Number of credits: 4	Number of hours : 4	Marks : Internal - 30 External - 70
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Objectives:

At the end of the course the student should understand

- The meaning of different kinds of fitness and their purposes
- The methods of developing the different kinds of fitness and their benefits
- Various psychological parameters and their effects on sports performance and health.
- Different types of sports injuries and their rehabilitation techniques
- Basic aspects of yoga and the application of yoga in physical education and sports
- Historical significance and development of imports sports events at the international level.

Unit I Fitness Development

- Aerobic development: Meaning and methods
- Anaerobic development: Meaning and methods
- Flexibility: Meaning, methods of training
- Methods and means of training:- Continuous method, Interval method, Repetition method, Circuit training, Fartlek training, Plyometric, Resistance training – weight training, body weight exercises, Hill training, sand training, resistance bands.
- Current trends in means and methods of training:- Pilates, Swiss ball, Aerobic dance – Zumba, Step Aerobics, Kick boxing aerobics, water aerobics; Cross fitness, Power yoga

Unit II – Psychological Applications in Sports and Sports Injuries

- Role of anxiety in Sports performance
- Motivation – Types and effect on sports performance
- Psychological preparation for sports competition – Auto suggestions, progressive relaxation, Visual imagery, pep talk
- Sports injuries, first aid and therapeutic interventions– Cardio pulmonary emergences, Soft tissue injuries, hard tissue injuries, Therapeutic modalities – Cryotherapy, thermotherapy, electro therapy and massage

Unit III – Applications of Yoga in Physical Education and Sport

- Yoga for Health
- Meaning of yoga, Types of yoga,
- Ashtanga yoga
- Yogasanas, Mudras, kriyas and Meditation

- Pranayama
- Yoga in physical education and sports.

Unit IV Historical and current perspectives in international sports events

- **Olympics** – Ancient Olympics – Origin and History of Ancient Olympics, Olympic flame, Events at ancient olympics
- **Modern Olympics** – Origin, Olympic ideals, Olympic flag, Olympic flame and torch, Olympic motto, Olympic anthem, Olympic movement, IOC, Indian participation and performance at Olympics
- **Asian Games** – Origin and history of Asian Games, Olympic Council of Asia, Asian Games Organising Committee (AGOC), India at Asian Games.
- **Commonwealth Games** – History and development, Commonwealth Games Federation, Queen's Baton Relay, Countries in CGF, India at Commonwealth games

REFERENCES:

- John D Lauther (2000) Psychology of Coaching. New Jersey: Prentice Hall Inc.
- John D. Lauther (1998) Sports Psychology. Englewood, Prentice Hall Inc.
- Miroslaw Vauks & Bryant Cratty (1999). Psychology and the Superior Athlete. London: The Macmillan Co.
- Richard, J. Crisp. (2000). Essential Social Psychology. Sage Publications.
- Robert N. Singer (2001). Motor Learning and Human Performance. New York: The Macmillan Co.
- Robert N. Singer. (1989) The Psychology Domain Movement Behaviour. Philadelphia: Lea and Febiger.
- Thelma Horn. (2002). Advances in Sports Psychology. Human Kinetic.
- Whiting, K, Karman., Hendry L.B & Jones M.G. (1999) Personality and Performance in Physical Education and Sports. London: Hendry Kimpton Publishers.
- George Feuerstein, (1975). Text Book of Yoga. London: Motilal Bansaridass Publishers (P) Ltd.
- Gore, (1990), Anatomy and Physiology of Yogic Practices. Lonavata: Kanchan Prkashan.
- Helen Purperhart (2004), The Yoga Adventure for Children. Netherlands: A Hunter House book.
- Iyengar, B.K.S. (2000), Light on Yoga. New Delhi: Harper Collins Publishers.
- Karbelkar N.V.(1993) Patanjali Yogasutra Bhashya (Marathi Edition) Amravati: Hanuman Vyayam Prasarak Mandal
- Kuvalyananada Swami & S.L. Vinekar, (1963), Yogic Therapy – Basic Principles and Methods. New Delhi: Govt. of India, Central Health Education and Bureau.
- Swami Sivananda, (1971), The Science of Pranayama. Chennai: A Divine Life Society Publication. Thirumalai Kumar. S and Indira. S (2011)
- SatyaMurty.K, Elements of Yoga ,Vedadri Brahma Gnana Kendra, Pedakakani, Guntur, India,(2015)
- William D McArdle, Frank I Katch and Vitor I Katch, Essential of Exercise Physiology, Second edition, New York: Lipincoff Welliams and wilkins, 2000
- Arthur C. Guyton, Physiology of Human Body, Philadelphia: Saunders Company, 1972.

Melwin H. Williams. Nutrition for Health Fitness and sport. MCGraw Hill Company,
Newyork: 1995

