

Subject Code: 1RI3000102	Subject Title: Essentials of Disciplinary Research Subject-1 Subject Sub-Title: Community Physiotherapy
Pre-requisite Subject	NIL

VIPRA DALAL

Objectives of course: This subject will help scholar to understand the specialty Physiotherapy subject from evidence based perspective.

Learning outcomes: On the completion of the course Scholar should be able to;

1. Understand the basic concepts related to Community Physiotherapy.
2. It will help how to identify different disorders their symptoms and path physiology.
2. It will enable the scholar to plan the evidence based Physiotherapy management of Community conditions.

Teaching Scheme (Credit Distribution)				Assessment Scheme (Weightage)	
Lecture	Tutorial	Practical	Credit	Hall Exam	Continuous Evaluation
4	--	--	4	60%	40%

Continuous evaluation is based on assignments/quiz/presentation/small projects as per the supervisor instructions.

	Subject Content		
Unit	Topic	No. of Lecture	Weightage %
1	Health and Illness; Levels of Healthcare & Fitness	4	5
2	Basic Concepts of rehabilitation and foundations of rehabilitation	4	5
3	Institute based rehabilitation services and multi-disciplinary approach.	4	5
4	Methodology of CBR with reference to National Health Delivery system.	4	5
5	Role of National Institutes, District Rehabilitation Centre and Primary Health Centre (with appropriate exposure).	4	5
6	Persons with disability; Act – 1995 and related Government infrastructure.	4	5
7	Physiotherapy in maternal and child health care.	5	10
8	Evaluation and theories of aging; Assessment of the elderly;	4	5

9	Ergonomics, Principles, Issues related to hand tools, posture, material handling and lifting	4	5
10	Physiotherapy role in industry – preventive, intervention, ergonomic and rehabilitative.	4	10
11	Women's, Health : Women's reproductive health and health care; Exercise prescription in pre and post natal stage;	4	10
12	Diagnosis and treatment of musculoskeletal pain and dysfunction during pregnancy and post menopause	5	10
13	Treatment of Incontinence and Pelvic floor dysfunction; Special problems related to women.	5	10
14	Recent Advances in Community Physiotherapy	5	10

List of References:

1. ORV.C. Karan and Stephen: Community rehabilitation services for people with disabilities. Greenspan 1995.
2. Karen whalley Hammell: Perspectives on disability and rehabilitation, contesting assumptions; challenging practice, Churchill Livingstone. Elsevier 2006
3. John V. Basmajian and Sikhar N. Banerjee: Clinical decision making in rehabilitation Churchill Livingstone, 1996.
4. David Werner: Disabled village children-A guide for community health workers, rehabilitation workers & families, 2nd Ed, The Hesperian foundation, Berkeley, CA.
- 5 John Bond, Senga Bond: Sociology & health care an introduction for nurses & other health care professionals, 2nd Ed, Churchill Livingstone
6. Andrew A. Guccion: Geriatric physical therapy, 2nd Ed, Mosby Elsevier, 2010.
7. Jane Singleton, Susan McLaren: Ethical foundations of health care responsibilities in decision making, Mosby Elsevier
8. Demeter, Anderson, Smit: Disability evaluation, Mosby Elsevier
9. Glenda. Z. Key: Industrial therapy, Mosby Elsevier, 2002
10. Rebacca Dutton: Clinical reasoning in physical disabilities, Lippincott Williams & Wilkins, USA

REFERENCE JOURNAL :

1. Physical Therapy (APTA, America)
2. Physiotherapy (CSP London)
3. American Journal Of Physical Medicine And Rehabilitation.
4. Physiotherapy (Canada)
5. Physiotherapy Theory And Practice.
6. Australian Journal Of Physiotherapy
7. Journal Of Indian Association Of Physiotherapy

8. Clinical Kinesiology
9. Journal Of Biomechanics
10. American Journal Of Sports Exercises.
11. Pediatric Physical Therapy.
12. Journal Of Neurologic Physical Therapy.
13. Journal Of Rehabilitation Research And Development.
14. Journal of Cardio Pulmonary Rehabilitation.
14. Archives Of Physical Medicine And Rehabilitation.
15. Journal Of Pediatric Orthopedics.
16. Journal Of Neurological Sciences.
17. Clinical Rehabilitation.
18. Spine.
19. Manual Therapy.
20. Gait And Posture.

Subject Code: 1RI3000103	Subject Title: Essentials of Disciplinary Research Subject-2 Subject Sub-Title: Physiotherapy
Pre-requisite Subject	NONE

COMMON TO ALL FOUR SCHOLARS

Objectives of course: This subject will help scholar to understand the Physiotherapy assessment of individuals with different disorders.

Learning outcomes: On the completion of the course Scholar should be able to;

1. Understand the basic concepts related to assessments.
2. It will help how to understand clinical guidelines pertaining to physiotherapy.
2. It will enable the scholar to practice evidence based Physiotherapy interventions.

Teaching Scheme (Credit Distribution)				Assessment Scheme (Weightage)	
Lecture	Tutorial	Practical	Credit	Hall Exam	Continuous Evaluation
4	--	--	4	60%	40%

Continuous evaluation is based on number of assignments/tutorials/presentations/laboratory practicals /small projects as per the instructions by the concerned supervisors.

Unit	Content	Wt. (%)
1	Outcome measures and assessment scale for Orthopedic Disorders	10
2	Outcome measures and assessment scale for Neurological Disorders	10
3	Outcome measures and assessment scale for Cardiac Disorders	10
4	Outcome measures and assessment scale for Respiratory Disorders	10
5	Outcome measures and assessment scale for Sports Injuries	10
6	Outcome measures and assessment scale for Pediatric Disorders.	10
7	Extended physiotherapy practice	10
8	Clinical guidelines and clinical prediction rules	10
9	Evidence based Physiotherapy practice	10
10	Recent advances in Physiotherapy	10

List of References:

1. Magee, D.J: Orthopaedic physical assessment, 3rd edition, WB saunders, Philadelphia 1997.
2. Hillegas, E.A. & Sadowsky, H.S: Essentials of cardiopulmonary physical therapy, 2nd ed, Harcourt Brace & Company, Toronto, 2001. 2. Irwin, S. & Teklin, J.S: Cardiopulmonary physical therapy, 4th ed. St. Louis, Mosby. 2004.
3. .American College of Sports Medicine: Guidelines for exercise testing and prescription, 4th ed, Lea & Febiger, Philadelphia, 1991.

4. Elements of paediatric physiotherapy- Eckerley P, Churchill Livingstone, Edingburgh, 1993 19.
Physiotherapy in pediatrics – Shepherd R. Heinmann, London, 1980 2nd edition
5. Physical rehabilitation: assessment and treatment – O’Sullivan, F.A Davis, Philadelphia 1994.
6. Pulmonary rehabilitation: guidelines to success – Hoidkins, Butterworth, Boston, 1984.
7. 58. Cardiac rehabilitation – Amundsen I.R, Churchill, Livingstone, London 1988
8. Physical therapy for children – Campbell Suzann K, W.B Saunders, Philadelphia 1994
9. 17. Physical management of Multiple Handicapped – Freser, William & Wilkins, Baltimore.
10. 18. Elements of paediatric physiotherapy- Eckerley P, Churchill Livingstone, Edingburgh, 1993 19.
Physiotherapy in pediatrics – Shepherd R. Heinmann, London, 1980 2nd edition
11. Michelle H.Cameron: Physical agents in rehabilitation from research to practice,3rd Ed,
Saunders,2008.

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14. Journal of Cardio Pulmonary Rehabilitation.
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