

COURSES OFFERED BY THE DEPARTMENT OF PHYSIOTHERAPY

THIRD YEAR FIRST SEMESTER

AH 3101 – English and Communication skills V (Non-Credits)

Scientific writing: What is a scientific paper, Different types of sources of literature, Keeping a card index, Project proposals, The parts of a scientific paper – IMRAD, Titles, Headings and numbering, Abstract, Reference styles, Contents page, Page numbering, Tables, Figures, Appendices, Acknowledgements, Scientific English.

Continuous Assessment 40%, End semester 60%.

PT 3101 – Common Medical Obstetrics and Gynecological conditions for Physiotherapists II (Credits – 02)

Physiotherapy in pathological changes; inflammation and oedema, physiotherapy in deficiency diseases, physiotherapy in common diseases of Skin, physiotherapy in Obstetrics and Gynecological Conditions, physiotherapy in Psychiatric disorders, Neonatal and Pediatric Physiotherapy.

Mid semester 20%, End semester 80%.

PT 3102 – Cardio respiratory and General surgical conditions for Physiotherapist II (Credits – 03)

Evaluation, principles and techniques of physiotherapy management in cardiac and respiratory conditions, Management of wound ulcers, cardiac and Pulmonary Rehabilitation, pre and post-operative physiotherapy management for cardiothoracic, abdominal and vascular surgeries, role of a physiotherapist in ICU, physiotherapy assessment and management of burns, Physiotherapy intervention in the management of Medical, Surgical Oncology.

Mid semester 20%, End semester 80%.

PT3103 – Introduction to Applied Exercises Sciences (Credits – 02)

Fitness for life, Warming up, Stretching and cooling down, Basic energy metabolism, cardio-respiratory response to exercise, interactions between energy systems and exercise, Woman and exercise, Cardio-respiratory endurance, Adaptation of muscles to exercise, Muscle development, Exercise in extreme environments, Cardio-respiratory adaptations to exercise, Exercise and coronary heart disease, diabetics and obesity, Exercise prescription for cardio-respiratory fitness, Aerobic dance, Exercises for children, youth, older adults, woman, Training for physical performance, Exercise/nutrition prescription for weight management, muscle strength/endurance/flexibility, Nutrition for , Body composition, Fitness walking, Swimming.

Mid semester 20%, End semester 80%.

PT3104 – Physiotherapy in Sports (Credits – 03)

Injuries common to several fields in sports, prevention & management of injuries, identify the problems of players in their sports, rehabilitate the players for the sports event that they are participating, coordinate & work with the players , coaches & others of the team, prevent injuries by improving fitness & diet, prepare the players psychologically to the sports event.

Mid semester 20%, End semester 80%.

PT 3105 – Clinical Practice in common Medical, Obstetrics and Gynecological conditions for Physiotherapists (Credits – 02)

Skills in problem identification, Goal setting & clinical reasoning that assist to treat patients with medical, obstetrics and gynecological conditions, rehabilitate the patient accordingly, document findings correctly & precisely.

Mid semester 20%, End semester 80%.

PT 3106 – Clinical Practice in Neurology Neurosurgery (Credits – 03)

Physical and Psychological problems due to neurological problems, interventions accordingly to the needs of individual, Evaluation and modification of intervention accordingly, recording, referring and making reports, Communication skills with clients/family members/other health care providers.

Mid semester 20%, End semester 80%.

THIRD YEAR SECOND SEMESTER

PT 3201 – Clinical Practice in Cardio respiratory and Surgical conditions (Credits 05)

Problem identification, setting goals and clinical reasoning accordingly to cardiovascular and pulmonary disorders, Pre and post-operative management, cardiac rehabilitation and pulmonary rehabilitation programs.

Mid semester 20%, End semester 80%.

PT 3202 – Clinical Practice in Musculoskeletal Physiotherapy (Credits – 05)

Physical and Psychological problems due to musculoskeletal problems, interventions accordingly to the needs of individual, Evaluation and modification of intervention accordingly, recording, referring and making reports, Communication skills with clients/family members/other health care providers, how to rehabilitate an amputated patient, professional behavior and professional ethics.

Mid semester 20%, End semester 80%.

PT 3203 – Clinical Practice in Rehabilitation and Community role (Credits – 02)

Problem identification, setting goals and implementation of physiotherapy intervention, Identification of psychological and economical impact on clients to direct them for other services that are available, Implementation of client specific group exercise programs, Effective communication skills with other professionals to provide a quality care for the client.

Mid semester 20%, End semester 80%.

PT 3204 – Clinical Practice in Intensive Care Unit (Credits – 03)

Assess & manage patients in ICU set-up and work collaboratively with the health care team.

Mid semester 20%, End semester 80%.