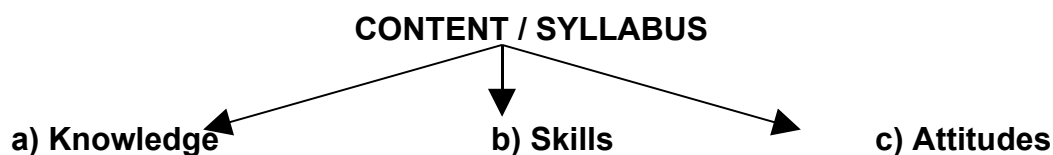


Passed by Academic Council (Resolution No. 355/2006) dtd. 30/05/2006, subject to Uniformity in the Examination pattern.

OBJECTIVES OF CURRICULUM PLANNING FOR PG DEGREE

OBJECTIVES

- 1) Therapeutic :
 - a) To examine, diagnose and treat psychiatric disorders.
 - b) Consultation – Liason psychiatry in general hospital.
- 2) Preventive and Promotive
 - a) Prevention of relapses and complication of psychiatric disorders and addictive behaviour.
 - b) Rehabilitation of mentally ill patients.
 - c) Promotion of mental health in the population in terms of improving mental well being & Quality of life.
- 3) To inculcate an empathic attitude that allows an integration of humanistic and Ethical approach in medicine.
- 4) To Apply Research Methodology in the field of psychiatry
- 5) To be aware of Knowledge of recent advance in psychiatry.



a) **KNOWLEDGE:**

1. BASIC SCIENCES AS APPLIED TO PSYCHIATRY

- NEUROANATOMY
 - Developmental
 - Central peripheral autonomic
 - Principles of Brain imaging

- NEUROPHYSIOLOGY
 - Normal sleep
 - Basic cell
 - Of thought ,cognition mood and Motor function
- NEUROCHEMISTRY
 - Neurotransmitters
 - In emotion, memory,behaviour
- Applied Neurophysiology., Neurochemistry., Neuroanatomy in relation to physical factors affecting psychiatric disorders.

PSYCHOLOGY

- Basic principles e.g. Learning, memory, motivation, emotion and stress etc.
- Applied psychology – behaviour science
- Sensory processes and perception
- Thinking and language
- Social perception, Influences and relationships
- Attitudes and beliefs
- Developmental psychology child development
- Personality structure
- Psychological assessment and testing (IQ and cognition)
- EEG
- Genetics

2. PSYCHIATRY, NEUROLOGY, NEUROPSYCHIATRY AND BEHAVIOURAL MEDICINE

PSYCHIATRY

- Introduction to mental health and psychiatric disorders
- History taking and clinical examination in psychiatry
- Classificatory systems.
- History of Psychiatry
- Schizophrenia and other psychotic disorders.
- Mood Disorders
- Anxiety and Somatoform and dissociative disorders
- Substance related disorders
- Sexual disorders
- Sleep disorders
- Eating disorders
- Psychiatric disorders due to General Medical Consumption including HIV
- Disaster and Psychiatry
- Special population in psychiatry
- Personality disorders
- Impulse control disorders
- Adjustment disorders
- Relational problems
- Psychiatric emergencies
- Deliberate self harm / Suicide

- Transcultural psychiatry
- Child and adolescent psychiatry
- Family psychiatry
- Geriatric psychiatry
- Community psychiatry in relation to India (NMHP)
- Forensic psychiatry (Mental Health Act)
- Ethics
- Human rights
- Rehabilitation.
- Psychosomatic disorders including stress
- Therapies
 - a) Biological - ECT and Psychopharmacology
 - b) Psychosocial interventions
 - c) Psychotherapy
 - d) Behaviour therapy
 - e) Therapies based on Indian philosophy

NEUROLOGY, NEUROPSYCHIATRY

- Clinical history and CNS examination
- Head injuries
- Alcohol and substance
- Toxic & metabolic & endocrine Disorders
- Nutritional
- Dementias
- Delirium
- SOL

- Infections and inflammatory diseases including HIV
- Movement disorders
- Epilepsy
- CVA
- Investigations

MEDICINE AS RELATED TO PSYCHIATRY

Consultation liaison psychiatry

Medicine and allied

Surgery and allied

Gynecology and Obstetrics and allied

b. SKILLS

- Communication skills
- History taking and interview
- Mental status evaluation & Physical Examination with neurological examination
- Diagnostic formulation and comprehensive plan of management
- Appraisal of Psychometry ie Intelligence , personality
- Handling emergencies and liaison services
- Psycho-education skills
- Ethical discharge of duties
- Tackling medico legal issues
- Psychotherapy and counseling
- Behavior Therapy
- Interpretation of EEG, C T, MRI
- Biological therapies including ECT & Psychopharmacology

c. ATTITUDES AND VALUES

- For professional and ethical conduct
- Humanistic and empathic relationship with patients, relatives and colleagues.

d. TEACHING LEARNING METHODS

Cognitive:

- Lectures
- Tutorials
- Seminars
- Symposium
- Didactic Small group teaching
- Workshop
- Self study
- Inter disciplinary conference
- Research forum

Skills:

- Demonstrations
- Case conference
- Research project
- Workshops
- Bedside clinics
- Journal review
- Psychotherapy and Behavior Therapy session

Attitude:

- Roll play
- Audio-visual
- Workshops
- Demonstration

EVALUTION: *(As per Direction No. 01/2008 dtd. 26/05/2008 & practical scheme is as per revised practical marksheet.)*

Dissertation /Thesis

- **Time spent should be one year**
- **Supervision**
- **Evaluation mandatory**

Log book of all the academic activities of students

- **Attitude:**
 - Structured evaluation and Scales
 - Group Discussion
 - Log Book
 - Clinical - patient relationship

RECOMMENDED BOOKS AND JOURNALS:

- Psychology - Morgan King
- Anatomy - Snelles
- Physiology – Guyton
- Symptoms in the mind – Sims
- Comprehensive Textbook of psychiatry – Kaplan
- Postgraduate psychiatry – Niraj Ahuja(Indian text book)
- Oxford Text book of Psychiatry
- Organic psychiatry – Lishmann
- Indian Journal of Psychiatry