



SYLLABUS OF MD PSYCHIATRY

OBJECTIVES

1) Therapeutic:

- a) To examine, diagnose and treat psychiatric disorders.
- b) Consultation – Liaison psychiatry in general hospital.

2) Preventive and Promotive

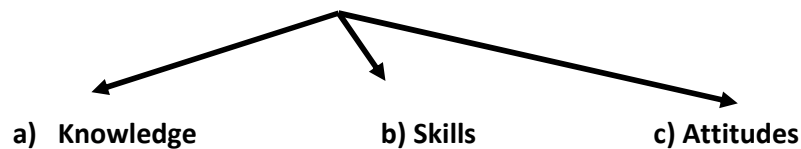
- a. Prevention of relapses and complication of psychiatric disorders addictive behaviour.
- b. Rehabilitation of mentally ill patients.
- c. Promotion of mental health in the population in terms of improving mental well being & Quality of life.

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.

CONTENT / SYLLABUS





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
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- **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

Clinical Neurology

1. Theory paper – 100 marks
2. 1 Long case.



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

Pediatrics

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 i.e. Intelligence, personality
- Handling emergencies and liaison services
- Psycho-education skills
- Ethical discharge of duties
- Tackling medicolegal 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:

- Role play
- Audio-visual
- Workshops
- Demonstration

EVALUATION:

Knowledge:

Theory

MCQ

Short Answer

Long Answer

Four Theory papers of 100 marks each

Paper I Basic sciences (50 marks) and applications (50 Marks)

Paper II Neuro Psychiatry (50 marks) Liaison Psychiatry (50 Marks)

Paper III Clinical Psychiatry Part I (100 marks)

Paper IV Clinical Psychiatry Part II (50 marks) Recent advances (50 Marks)

Skills: Practical evaluation

Viva Voce

100 marks



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FOUR cases –

2 psychiatry -----100 marks

1 Neuropsychiatry ----- 50 marks

1 case specialty child/geriatric etc ----- 50 marks

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
- Journal of Clinical Psychiatry
- Psychiatric Clinics of North America



UNIVERSITY EXAMINATIONS

After successful completion 3 Years' residency

Theory Examination: Each paper 100 marks – 3 hrs duration

	Sections with marks
Paper I	Basic sciences (50 marks) and applications (50 Marks) 4 Sections, each having two questions: with emphasis on Neurology 'A' (13 marks), and 'B' (12 marks) Total = 100 marks
Paper II	Neuro psychiatry (50 marks) Liaison Psychiatry (50 marks) 4 Sections, each having two questions: 'A' (13 marks), and 'B' (12 marks) Total = 100 marks
Paper III	Clinical Psychiatry Part I (100 marks) 4 Sections, each having two questions: 'A' (13 marks), and 'B' (12 marks) Total = 100 marks
Paper IV	Clinical Psychiatry Part II (50 marks) Recent advances (50marks) 5 Questions of 25 marks each, out of which 4 questions have to be attempted Total = 100 marks
TOTAL THEORY = 400	

Minimum passing marks in each head 40% and aggregate: 50% in all papers

Practical Examination:

	Description	Marks	Preparation time	Assessment time
Long Cases (Two)	2 long cases 100 marks each Psychiatry	200		
Short Case	Short case Neuropsychiatry / Neurology	50		
	1 case specialty child / geriatric etc.	50		
Viva (Four Tables)		80		
	PEDAGOGUE	20		
	TOTAL PRACTICAL	400		

Minimum passing marks: 50% separate in clinicals and viva



- Indian Journal of Psychiatry
- American journal of Psychiatry
- Journal of Clinical Psychiatry
- Archives of General Psychiatry

In Objectives

1. Psychiatric History taking and interview skills training shall be there
2. In preventive & promotive approach words like mental healthy, and community psychiatry be there
3. Consultation Liaison Psychiatry literally means frequent interaction between basic therapist and Psychiatrist i.e. basic medical team and Psychiatric team and joint conclusion on approach to details of treatment. This is rarely practiced there for other term like Gen. Hospital Psychiatry, PHC Psychiatry may be used

II Knowledge –

To add endocrinology & Behaviour and neuropsychology.

III Psychiatry

- 1) Normal sexualities
- 2) Forensic Psychiatry, Certification in Psychiatry, Mental Health Act – 1987
Management of “dangerous” patient
- 3) Biological Psychiatry
- 4) Non- Pharmacological treatments in Psychiatry can be separate lead.

IV Neurology

Neuroplasticity Immunology & Psychiatry

Nemo imaging

Role of EEG in Psychiatry

Role of CT scan in Psychiatry

V T add

Psychosomatic medicine

Ward rounds

Grand round or Psychiatry Audit



VI a) Rotational postings in

- 1) Medicine
- 2) Neuromedicine
- 3) State mental hospital posting
- 4) Clinical Psychology posting (or supervised counselling and Psychotherapy
fession)
- 5) Paediatrics

b) Integrated teaching

VII Recent advances in all branches of Psychiatry to be included.

VIII University examinations suggested

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|---------------|---|-----------------------------|
| 1) Long case | - | Psychiatry |
| 1) Short case | - | Psychiatry |
| 1) Short case | - | Menopsychiatry |
| 1) Short cap | - | Specialists child geriatric |

Marks as per Uni. Guidelines

IX Internal marks

Qualifying work compulsory work to be to permission for appears for find exe

X Dissertation committee at Psychiatry dept be periodicals evaluation each candidate
dissertation work.

XI Recommended books & journals

- 1) Essentials of post graduate Psychiatry by Vyal, Gada & Nathova Pevar
publications – Hyderabad
- 2) Eithis clinical Psychopathology
- 3) APA – Practice Guidelines
- 4) ICD – 10th revision & DSM-IV R classification system
- 5) Indian Journal of Medical Research
- 6) British Journal of Psychiatry
- 7) American Journal of Psychiatry
- 8) Acta Psychiatrica scandinavica
- 9) Aechiever of Psychiatry.