OBJECTIVES

At the end of the course, the student will be able to:

1. Understand behaviour sciences in relation to psychiatry
2. Introducing concept of psychiatric disorders and their classification
3. Awareness of general issues about etiology of psychiatric disorders and methodology used to study etiology of these disorders.
4. Ability to diagnose and treat common psychiatric disorders like schizophrenia, acute manic episode, depression, anxiety disorders including phobias and OCD.
5. Recognized other psychiatric disorders and refer them to specialist.
6. Understand the concept of personality disorders.
7. Ability to diagnosis and treat alcohol and drug dependence and withdrawal states.
8. Ability to diagnose common psychiatric disorders in children and adolescent.
9. Ability to diagnose common psychiatric disorders in elderly population.
10. To know the role of counselling and psychological therapies in treatment of psychiatric disorders.
11. To know role of psychological testing in assessment of psychiatric disorders.

COURSE CONTENT

1. Introduction and classification of Psychiatric disorders:
   Concept of psychiatric disorders; need for classification; types of classification e.g. a theoretical, symptom – based; introducing the International Classification of Diseases (ICD) and the Diagnostic and Statistical Manual (DSM); major categories of psychiatric disorders.

2. “Sign & Symptoms” in psychiatry:
   Definitions and explanation of terminologies used in psychiatric disorders, Delusion & its type, Hallucinations & its types, Illusion, Mood, Affect, Thinking, Memory, Attention & concentration, Judgement, Insight.

3. Schizophrenia spectrum and other psychotic disorder:
   Epidemiology, clinical features, subtypes, diagnosis, overview of aetiology, course, treatment-pharmacological.

4. Bipolar disorders:
   Epidemiology, clinical features, diagnosis, overview of etiology, course, treatment – pharmacological.
5. Depression:
Epidemiology, clinical features, diagnosis, overview of aetiology, co-morbidity with organic disorders, course, treatment – pharmacological.

6. Anxiety disorder:
Types of anxiety disorders; phobia, clinical features and epidemiology; diagnosis, differential diagnosis; overview of aetiology, course, treatment – pharmacological and non-pharmacological.

7. OCD spectrum disorder:
Clinical features and epidemiology, differential diagnosis; overview of aetiology, course, treatment – pharmacological and non-pharmacological.

8. Somatic symptom disorders:
Types, Epidemiology, clinical features, diagnosis, differential diagnosis, aetiology, prognosis, treatment.

9. Personality disorders:
Concept of personality disorders, epidemiology, classification, assessment, overview of clinical features, aetiology, prognosis.

10. Substance use disorder and behavioural addiction:
Concept of abuse and dependence, epidemiology of alcohol, opiate cannabis and others dependence; clinical features, withdrawal symptoms including complicated withdrawal, psychosocial complications, aetiology, outcome, treatment.

11. Intellectual disability (MR)

12. Psychiatric disorders in elderly:

13. Psychiatric disorders of childhood and adolescence:
Classification of childhood psychiatric disorders, epidemiology, clinical features, aetiology, assessment.

14. Counselling and psychological therapies:
Counselling process, skills, different counselling approaches, behaviour therapy, cognitive therapy and its applications.

15. Psychometry:
What are psychological tests, standardization, reliability, validity, intelligence test, personality test, application.

16. Psychiatric Emergencies:
Common psychiatric emergences and its management.
TEACHING AND LEARNING METHODOLOGY

Lectures and discussions with patients

EXAMINATION AND MARKS DISTRIBUTION - AS PER MCI

Internal Assessment – Viva -10 marks (clinical posting / ward leave viva)

Text Book Recommended

New Oxford Text of Psychiatry
Synopsis of Psychiatry

Approved and revised by the Board of Studies, Department of Psychiatry in its ordinary meeting held on 28.02.2018
PAPER 1 (MDPS01)

BASIC SCIENCE AS RELATED TO PSYCHIATRY

• NEUROANATOMY:


• NEUROCHEMISTRY:


• NEUROPHYSIOLOGY:


• PSYCHOLOGY:


• SOCIOLOGY:

• **QUANTITATIVE AND EXPERIMENTAL METHODS IN PSYCHIATRY:**


• **GENETICS:**

  Population genetics and Genetic Epidemiology, Genetic Linkage analysis of Psychiatric Disorders.

Approved and revised by the Board of Studies, Department of Psychiatry in its ordinary meeting held on 28.02.2018
PAPER 2 (MDPS02)

CLINICAL PSYCHIATRY

Time: 03 hour

**DIAGNOSIS AND PSYCHIATRY: EXAMINATION OF THE PSYCHIATRIC PATIENTS:**


**CLINICAL MANIFESTATION OF PSYCHIATRIC DISORDERS.**

**PSYCHIATRIC CLASSIFICATION:**

Classification of mental disorders with general references to ICD-10 and DSM-5. The classification of mental disorders in the International Classification of Diseases.

**SCHIZOPHRENIA SPECTRUM AND OTHER PSYCHOTIC DISORDERS:**


**BIPOLAR AND RELATED DISORDERS:**

• **DEPRESSIVE DISORDERS:**


• **ANXIETY DISORDERS:**


• **OBSESSIVE – COMPULSIVE AND RELATED DISORDERS:**

Obsessive Compulsive Disorder, Body Dysmorphic Disorder, Hoarding Disorder, Trichotillomania, Excoriation (skin - picking) Disorder, substance / medication-induced obsessive – compulsive and related Disorder.

• **TRAUMA – AND STRESSOR – RELATED DISORDERS:**

Reactive Attachment Disorder, Disinhibited Social Engagement Disorder, Posttraumatic Stress Disorder and Acute stress Disorders. Adjustment Disorders. Other Specified Trauma – And Stressor – Related Disorders, Unspecified Trauma – And Stressor – Related Disorders

• **DISSOCIATIVE DISORDERS:**

Dissociative Identity Disorder, Dissociative Amnesia, Depersonalization/Derealisation Disorder, Other Specified Dissociative Disorder, Unspecified Dissociative disorder.

• **SOMATIC- SYMPTOM AND RELATED DISORDERS:**

Somatic- Symptom Disorder, Illness Anxiety Disorder, Conversion Disorder, Factitious Disorders. Other Specified Somatic- Symptom and Related Disorders, Unspecified Somatic- Symptom and Related Disorders.

• **SLEEP – WAKE DISORDERS:**

Insomnia Disorder, Hypersomnolence Disorder, Narcolepsy, Obstructive Sleep Apnea hypopnea, Central Sleep Apnea, Sleep Related Hypoventilation, Circadian Rhythm Sleep – Wake Disorders. Parasomnias, Other Specified Sleep – Wake Disorders, Unspecified Sleep – Wake Disorders.
• SEXUAL DYSFUNCTIONS:

• GENDER DYSPHORIA:
  Gender Dysphoria, Other Specified Gender Dysphoria, Unspecified Gender Dysphoria.

• SUBSTANCE-RELATED AND ADDICTIVE DISORDERS:
  Alcohol related disorders amphetamine (or Amphetamine like), Related disorders caffeine-related disorders and nicotine decoders, Cannabis – Related disorders, Cocaine related disorders, Hallucinogen related disorders, Inhalant related disorders, Opioid related disorders, Phencyclidine (or Phencyclidine like) related disorders, Sedative, Hypnotic or Anxiolytic related disorders.

• PERSONALITY DISORDERS:

• PARAPHILIC DISORDERS:

• OTHER MENTAL DISORDERS:

• MEDICATION – INDUCED MOVEMENT DISORDERS AND OTHER ADVERSE EFFECTS OF MEDICATIONS:

• PSYCHIATRIC EMERGENCIES:
  Suicide. Other psychiatric emergencies.

• OTHERS:
  Relational Problems. Malingering. Adults antisocial behaviour, criminality and violence. Borderline intellectual functioning and academic problems. Other additional conditions that may be a focus and clinical attention. Culture - bound syndromes

Approved and revised by the Board of Studies, Department of Psychiatry in its ordinary meeting held on 28.02.2018
CHILD PSYCHIATRY


NEURODEVELOPMENTAL DISORDERS:


FEEDING AND EATING DISORDERS:

Pica, Rumination Disorder, Avoidant / Restrictive Food Intake Disorder, Anorexia Nervosa, Bulimia Nervosa, Binge- Eating Disorder, Other Specified Feeding and Eating Disorders Unspecified Feeding and Eating Disorders.

ELIMINATION DISORDERS:

Enuresis, Encopresis Other Specified Elimination Disorders Unspecified Elimination Disorders.

DISRUPTIVE, IMPULSE-CONTROL AND CONDUCT DISORDERS:

Oppositional Defiant Disorder, Intermittent Explosive Disorder, Conduct Disorder, Anti Social Personality Disorder, Pyromania, Kleptomania, Other Specified Disruptive, Impulse-Control And Conduct Disorders Unspecified Disruptive, Impulse-Control And Conduct Disorders.

OTHER DISORDERS OF INFANCY, CHILD HOOD AND ADOLESCENCE:


MOOD DISORDERS AND SUICIDE

CHILD PSYCHIATRY- PSYCHIATRIC TREATMENT:

Individual Psychotherapy, Group Psychotherapy, Paediatric Psychopharmacology, Family Therapy, Partial Hospitalization, Residential and Inpatient, Psychiatric Treatment of children and adolescents.
CHILD PSYCHIATRY- SPECIAL AREAS OF INTEREST:

Psychiatric aspects of day care, Physical Abuse, Sexual abuse and Neglect of child, Children’s reaction to illness, Hospitalization and Surgery, Child or Adolescent antisocial behaviour, Identity problem and Borderline Disorders.

- **NEUROCOGNITIVE DISORDERS AND GERIATRIC PSYCHIATRY:**
  
  Epidemiology of Psychiatry disorders, Genetics of Dementias, Normal Aging, Psychological aspects Sociocultural aspects, Physiological aspects, Central Nervous system changes, assessment psychiatric examination of the elderly patient, Neuropsychological evaluation, Psychiatric disorders of late life, Alzheimer’s disease and other dementing disorders, Mood disorders, Schizophrenia and Delusional disorders, Anxiety disorders, Personality disorders, sleep disorders, drug and Alcohol Abuse, sensory Impairment, Psychiatric problems in the Medically Ill Elderly treatment Individual Psychotherapy, Family therapy, Group therapy, Psychopharmacology, treatment setting, Psychiatric aspects of Long-Term care, Community services for the elderly psychiatric patient, other Geriatric areas, Medical – Legal issues, Elder abuse ,Neglect.

- **HOSPITAL AND COMMUNITY PSYCHIATRY:**
  
  Community Psychiatry, Psychiatric Rehabilitation.

- **PSYCHIATRIC EDUCATION :**
  
  Graduate Psychiatric Education

- **FORENSIC PSYCHIATRY:**
  

- **Health issues in LGBT population.**

- **OTHERS:**
  

Approved and revised by the Board of Studies, Department of Psychiatry in its ordinary meeting held on 28.02.2018
RECENT ADVANCES IN PSYCHIATRY
AND RELATED NEUROLOGY AND MEDICINE

• RECENT ADVANCES IN PSYCHIATRY.

• NEUROPSYCHIATRY AND BEHAVIOURAL NEUROLOGY:


• CONSULTATION LIASON PSYCHIATRY.

• PSYCHOSOMATIC MEDICINE:


• Recent advancement in the management of depression and role of Ketamine & rTMS

• Mental health care act.

• Internet gaming disorders.

• Attenuated psychosis.
EVALUATION TECHNIQUES AND TOOLS TO BE USED AND THEIR FREQUENCY:

Every resident must have satisfactory performance in PGET (Post Graduate Evaluation Test) held every six months in their respective syllabi including last PGET covering whole syllabus (both theory and practical).

EXAMINATIONS PREREQUISITE

As per MCI guidelines

EXAMINATION

1. Theory examination

The residents are examined in four written papers of 3 – hours each as follows:
   Paper I – Basic sciences as related to psychiatry (MM - 100)
   Paper II – Clinical psychiatry (MM - 100)
   Paper III – psychiatry sub – specialities (MM - 100)
   Paper IV – Resent Advances in Psychiatry and related Neurology and Medicine (MM - 100)

2. Practical/Clinical Examination (MM - 400)

The clinical examination consists of following activities

(a). Case presentation’s
    (one long + 2 short cases)
    Including neurology

(b). Spots : Consisting of EEG, Neuroimaging and psychological tests instruments drugs etc.

(c). Grand Viva

Books Recommended:

- Comprehensive text book of Psychiatry
- Oxford text book of Psychiatry
- Introduction to Psychology by Morgon and King
- Rutter’s Child and Adolescent Psychiatry
- Stahl’s Essential Psychopharmacology
- Text Book of Forensic Psychiatry by Robert I. Simon and Liza H. Gold
- Research Methodology by C. R. Kothari
- Statistics by Hennery E. Garrett and S.K. Mangal
SYLLABUS FOR Ph.D. IN CLINICAL PSYCHOLOGY ADMISSION TEST
DEPARTMENT OF PSYCHIATRY, FACULTY OF MEDICINE
J.N. MEDICAL COLLEGE, A.M.U., ALIGARH


- PERCEPTION: Perception process, Perceptual Colour, Depth and line, Perceptual constancy, Role of motivation, Social and cultural factors in Perception Sensory distortion and Sensory deception (illusion, hallucinations).


- INTELLIGENCE: Nature of Intelligence, Theories of Intelligence, Measurement of Intelligence, and Intelligence and Creativity.

- THINKING: Development of Thinking, Language and thought, Images, Concept Formation, and Problem solving thought abnormalities e.g. delusion, obsession etc.

- PERSONALITY: Nature of personality, Trait and Type approaches, Biological and Socio-cultural Determinants of Personality, Personality assessment Techniques and tests e.g. Projective techniques: nature, types and evaluation.

- MEMORY: Physiological Basic of Memory, Memory and forgetting, Measurement of memory (Recall, Recognition, Relearning), Short term and long-term memory, Theories of Forgetting, Application of Mnemonic Devices etc to improve memory. Current research in memory and forgetting.

- RESEARCH METHODOLOGY: Objectives of research and types of research, research design, sampling.


- CLINICAL PSYCHOLOGY: Brief history of clinical psychology, Activities of clinical psychology, current trends in clinical psychology, the major theoretical approaches of clinical psychology: Psychotherapy: Issues and challenges, Psychotherapeutic interventions: Concept and definition of psychotherapy, Types of psychotherapy, Basic Ingredient of psychotherapy.
• PSYCHOPATHOLOGY: Theoretical foundations of psychopathology, psychopathology of Common Psychiatric disorders.

• HEALTH PSYCHOLOGY: Stress; Concept and definition, Sources of stress and reactions to stress. Coping with stress. Application of Stress management techniques.

• SPIRITUAL PSYCHOLOGY: Origin, Definition and Applications of Spiritual Psychology, Spiritual health, spiritual well-being, spiritual discipline and spiritual measures. Spiritual healing and psychotherapy.


• POSITIVE PSYCHOLOGY: Historical and Philosophical Foundation of Positive Psychology. Western/Eastern perspective of positive psychology. Positive Emotional and Cognitive States. Applications of positive psychology.

• PSYCHOMETRIC TEST: Projective tests, personality tests and intelligence tests

Approved and revised by the Board of Studies, Department of Psychiatry in its ordinary meeting held on 16.11.2017