

## ***SYLLABUS***

### **Course Contents:**

No limit can be fixed and no fixed number of topics can be prescribed as course contents. The student is expected to know the subject in depth; however emphasis should be on the diseases/health problems most prevalent in that area. Knowledge of recent advances and basic sciences as applicable to his/her specialty should get high priority. Competence in managing behavioural problems commensurate with the specialty must be ensured.

### **The student must acquire knowledge in the following: Theoretical concepts:**

1. Neurophysiology and Neuro-chemistry
2. Functional and behavioural neuroanatomy
3. Genetics
4. Psychoneuroendocrinology
5. Psychoneuroimmunology
6. Electrophysiology and cognitive neuroscience
7. Neuro-imaging
8. Memory
9. Sleep and circadian rhythm
10. Learning – Theories
11. Theory of personality
12. Clinical Psychology including Psychometry and Psychodiagnostics
13. Transcultural Psychiatry
14. Research Methodology and Statistics
15. Psychodynamics

16. Psychiatric assessment (including History Taking, Neurological Examination, Mental Status Examination, Investigations, Use of rating scales, etc.).
17. Classification In Psychiatry
18. Organic Psychiatry (including Psychological Features and Clinical Assessment of Cerebrovascular Disorders, Delirium, Epilepsy, Head Injury, Headache, HIV – AIDS, Infections, etc.)
19. Movement Disorders (including Medication-Induced Movement Disorders, etc)
20. Substance Related Disorders (including Alcohol-Related Disorders, Amphetamine-Related Disorders, Caffeine-Related Disorders, Cannabis- Related Disorders, Cocaine-Related Disorders, Hallucinogen-Related Disorders, Inhalant-Related Disorders, Nicotine-Related Disorders, Opioid- Related Disorders, Phencyclidine-Related Disorders, Sedative-, Hypnotic-, or Anxiolytic-Related Disorders, etc.)
21. Psychosis (including Schizophrenia, Schizophreniform Disorder, Schizoaffective Disorder, Delusional Disorder, Brief Psychotic Disorder, Shared Psychotic Disorder, etc).
22. Mood Disorders (including Depressive Disorders, Bipolar Disorders, Cyclothymic Disorder, etc.)
23. Anxiety Disorders (including Panic Disorder, Agoraphobia, Phobias, Obsessive-Compulsive Disorder, Generalized Anxiety Disorder, etc).
24. Stress and related disorders (Posttraumatic Stress Disorder, Acute Stress Disorder Adjustment Disorder etc.)
25. Somatoform Disorders (including Somatization Disorder, Undifferentiated Somatoform Disorder, Conversion Disorder, Pain Disorder, Hypochondriasis, Body Dysmorphic Disorder, etc.)
26. Factitious Disorders <sup>I</sup>

27. Dissociative Disorders (including Dissociative Amnesia, Dissociative Fugue, Dissociative Identity Disorder, Depersonalization Disorder, etc.)
28. Personality disorders
29. Sexual disorders, gender dysphoria and psychological issues among LGBTQIA+ groups (including Sexual Desire Disorders, Sexual arousal Disorders, Orgasmic Disorders, Sexual Pain Disorders, Vaginismus, Paraphilias, etc)
30. Eating Disorders (including Anorexia Nervosa, Bulimia Nervosa, etc.)
31. Sleep Disorders (including Insomnia, Narcolepsy, Breathing-Related Sleep Disorders, Circadian Rhythm Sleep Disorders, Parasomnias, Nightmare Disorder, Sleep Terror Disorder, Sleepwalking Disorder, etc.)
32. Impulse-Control Disorders (including Intermittent Explosive Disorder, Kleptomania, Pyromania, Pathological Gambling, Trichotillomania, etc
33. Psychosomatic Disorders including Consultation Liaison psychiatry
34. Miscellaneous: Non-compliance, Malingering, Antisocial Behaviour, Borderline Intellectual Functioning, Age-Related Cognitive Decline, Bereavement [including Death], Academic Problems, Occupational Problems, Identity Problems, Religious or Spiritual Problems, Acculturation Problems, Phase of Life Problems, Chronic Fatigue Syndrome, etc.)
35. Abuse (Physical / Sexual) or Neglect of Child /Adult
36. Culture Bound Syndromes
37. Pre-Menstrual Dysphoric Disorder
38. Perinatal Psychiatry
39. Emergencies In Psychiatry including suicide, its management and medico-legal aspect I

40. Psychotherapy
41. Psychopharmacology
42. Electro-Convulsive Therapy, Other brain stimulation methods (rTMS, DBS, tDCS and others) and Neurosurgery
43. Child and Adolescent Psychiatry (including Learning Disorders, Motor Skills Disorder, Communication Disorders, Pervasive Developmental Disorders (Autistic Disorder, Rett's Disorder, Childhood Disintegrative Disorder, Asperger's Disorder), Attention-Deficit/Hyperactivity Disorder, Conduct Disorder, Oppositional Defiant Disorder, Pica, Tic Disorders, Elimination Disorders, Separation Anxiety Disorder, Selective Mutism, Reactive Attachment Disorder of Infancy or Early Childhood, Stereotypic Movement Disorder, etc.)
44. Intellectual disability
45. Geriatric Psychiatry (including dementia, legal and ethical issues, positive psychiatry in aging, psychiatric aspects of long term care)
46. Community psychiatry
47. Rehabilitation of psychiatric patients
48. Ethics in Psychiatry
49. Forensic and Legal Psychiatry (including Mental Health Care Act, Persons with Disability Act, Narcotic Drugs and Psychotropic Substance Act etc.)

**The student may know the following:**

1. History of Psychiatry
2. Epidemiology
3. Mind – the evolving concepts
4. Psychiatry rating scales
5. Placebo Effect

6. Sex and Gender Issues in Psychiatry
7. Psychosurgery

**MAPPING OF PROGRAMME OUTCOMES [POs] AND COURSE  
OUTCOMES [COs] OF PG PROGRAMMES**

No.	By the end of the programme, the Postgraduate will have / be:
PO 1	Knowledge and Skills
PO 2	Planning and problem solving abilities
PO 3	Communication
PO 4	Research Aptitude
PO 5	Professionalism and Ethics
PO 6	Leadership
PO 7	Societal Responsibilities
PO 8	Environment and Sustainability
PO 9	Lifelong Learner

**MD PSYCHIATRY PROGRAMME**

Course Code	Course Title
01290301	MD Psychiatry

*Course 1 (Subject Code)*

CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes
CO 1	Basic Sciences as related to Psychiatry	PO1,PO2,PO3,PO5, PO6,PO7,PO8,PO9
CO 2	Clinical Psychiatry	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO8,PO9
CO 3	Psychiatric theory and Psychiatric specialties	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO8,PO9
CO 4	Neurology and General Medicine as related to Psychiatry	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9
CO 5	Clinical/ Practical and Oral/Viva voce examination should consist of 1. Presentation of long case of psychiatry. 2. Neurology short case. 3. A short case Psychiatry. 4. Viva - Voce.	PO1,PO2,PO3,PO5, PO6,PO7,PO8,PO9