

DEPARTMENT OF PSYCHIATRY

U.G.COURSE

Programme outcome	Programme specific outcome	Course Outcome
<p>At the end of the course, the student should be able to:</p> <ol style="list-style-type: none">(1) comprehend nature and development of different aspects of normal human Behavior like learning, memory, motivation, personality and intelligence;(2) recognize differences between normal and abnormal behavior;(3) classify psychiatric disorders;(4). recognize clinical manifestations of the following common syndromes and plan their appropriate management of organic psychosis, functional psychosis, schizophrenia, affective disorders, neurotic disorders, personality disorders, psycho-physiological disorders, drug and alcohol dependence, psychiatric disorders of childhood and adolescence;(5) describe rational use of different modes of therapy in psychiatric disorders.	<p>The student should be able to:</p> <ol style="list-style-type: none">(1) interview the patient and understand different methods of communications in patient-doctor relationship;(2) elicit detailed psychiatric case history and conduct clinical examination for assessment of mental status;(3) define, elicit and interpret psycho-pathological symptoms and signs.(4) diagnose and manage common psychiatric disorders;(5) identify and manage psychological reactions and psychiatric disorders in medical and surgical patients in clinical practice and in community setting.	<p>Training in Psychiatry should prepare the students to deliver preventive, promotive, curative and re-habilitative services for the care of patients both in the family and community and to refer advance cases to a pecialised Psychiatry/Mental Hospital. Training should be integrated with the departments of Medicine, Neuro Anatomy, Behavioral Sciences and Forensic medicine.</p>

**Chairman
Board of Studies
PCMS & RC**

**Dean
PCMS & RC**

DEPARTMENT OF PSYCHIATRY

P.G.COURSE

Programme outcome	Programme specific outcome	Course Outcome
<p>At the end of the MD course in Psychiatry, the student should have able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Understand the relevance of mental health in relation to the health needs of the country <input type="checkbox"/> Ethical considerations in the teaching and practice of Psychiatry <input type="checkbox"/> Identify the social, economic, biological and emotional determinants of mental health <input type="checkbox"/> Identify the environmental causes as determinants of mental health <input type="checkbox"/> Institute appropriate diagnostic, therapeutic and rehabilitative procedures to the mentally ill patient <p>2</p> <ul style="list-style-type: none"> <input type="checkbox"/> Take detailed history, conduct appropriate ethically valid physical examination and institute appropriate evaluation procedures to make a correct clinical diagnosis <input type="checkbox"/> Perform relevant investigative and therapeutic procedures for the psychiatric patient <input type="checkbox"/> Recommend appropriate laboratory and imaging 	<p>By the end of the course, the student should have acquired knowledge (cognitive domain), professionalism (affective domain) and skills (psychomotor domain) as given below:</p> <p>3</p> <p>A. Cognitive domain</p> <p>By the end of the course, the student should demonstrate knowledge in the following:</p> <p>1. General topics:</p> <p>1. The student should be able to demonstrate knowledge of basic sciences (Anatomy, Physiology, Biochemistry, Microbiology, Pathology and Pharmacology) as applied to Psychiatry.</p> <p>2. The student should be able to explain aetiology, assessment, classification and management and prognosis of various psychiatric disorders (including psychiatric sub-specialities), and Neuroanatomy, Neurophysiology, Neurochemistry, Neuroimaging, Electrophysiology, Psychoneuroendocrinology, Psychoneuroimmunology, Chronobiology and</p>	<p>At the end of the course, the student, after undergoing should be able to deal effectively with the needs of medical community and should be competent to handle all the challenges related to the respect of psychiatry and recent advance in the subject.</p>

<p>examinations and interpret the results correctly</p> <ul style="list-style-type: none"> <input type="checkbox"/> Plan and deliver comprehensive treatment of a psychiatric patient using principles of rational drug therapy <input type="checkbox"/> Plan rehabilitation of psychiatric patient suffering from chronic illness <input type="checkbox"/> Clinically manage psychiatric emergencies efficiently <input type="checkbox"/> Demonstrate empathy and humane approach towards patients and their families and respect their sensibilities <input type="checkbox"/> Demonstrate communication skills of a high order in explaining management and prognosis, providing counseling and giving health education messages to patients, families and communities <input type="checkbox"/> Develop appropriate skills to practice evidence-based psychiatry <input type="checkbox"/> Demonstrate competence in basic concepts of research methodology and epidemiology <input type="checkbox"/> Be aware of and take appropriate steps in the implementation of national mental health programs, effectively and responsibly <input type="checkbox"/> Be aware of the concept of essential drugs and rational use of drugs <input type="checkbox"/> Be aware of the legal issues in the practise of Psychiatry <input type="checkbox"/> Be aware of the special requirements in the practice of Child and adolescent Psychiatry and Geriatric Psychiatry <ul style="list-style-type: none"> o Research: The student should know the basic concepts of research methodology and plan a research project in accordance with ethical principles. S/he should also be able to interpret research findings and apply these in clinical practice. S/he should know how to access and utilize information resources and should have 	<p>Neurogenetics.</p> <ol style="list-style-type: none"> 3. Acquire knowledge of delirium, dementia, amnestic & other cognitive disorders and mental disorders due to a general medical condition. 4. The student should be able to explain follow-up care of person suffering from chronic relapsing psychiatric ailments. 5. The student should acquire knowledge of emergency measures in acute crisis arising out of various psychiatric illnesses including drug detoxification and withdrawal. 6. The student should acquire knowledge of pharmacokinetics & pharmacodynamics of drugs involved in psychiatric management of patients. 7. The student should acquire knowledge of (a) normal child development and adolescence, mental retardation in children (b) learning & associated disorders and their management 8. The student should acquire knowledge and be able to explain mechanisms for rehabilitation of psychiatric patients. 9. The student should acquire knowledge of substance related disorders and their management. 10. The student should acquire knowledge of psychotic disorders, mood disorders, and anxiety disorders and their management 11. The student should acquire knowledge of sexual and gender identity disorders and their management. 12. The student should acquire knowledge of eating disorders and sleep disorders and their management. 13. The student should be conversant with recent advances in Psychiatry. 14. The student should be conversant with routine 	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

<p>basic knowledge of statistics.</p> <p>o Teaching: S/He should learn the basic methodology of teaching and develop competence in teaching medical/paramedical students, health professionals, members of allied disciplines (e.g. behavioural sciences), law enforcement agencies, families and consumers and members of the public.</p>	<p>bedside diagnostic and therapeutic procedures and acquire knowledge of latest diagnostics and therapeutics procedures available.</p> <p>15. The student should be conversant with various policy related aspects of Psychiatric practice in India (e.g. Mental Health Act, National Health Mental 4 Health Programmes etc.).</p> <p>16. The student should be conversant with research methodologies.</p> <p>B. Affective Domain:</p> <p>1. The student should be able to function as a part of a team, develop an attitude of cooperation with colleagues, interact with the patient and the clinician or other colleagues to provide the best possible diagnosis or opinion.</p> <p>2. The student should always adopt ethical principles and maintain proper etiquette in dealings with patients, relatives and other health personnel</p> <p>3. The student should demonstrate respect for the rights of the patient including the right to information and second opinion.</p> <p>4. The student should develop communication skills to prepare reports and professional opinion as well as to interact with patients, relatives, peers and paramedical staff, and for effective teaching.</p> <p>At the end of the course, the student should be able to:</p> <p>1. Obtain a proper relevant history, and perform a humane and thorough clinical examination including detailed mental state examinations using proper communication skills.</p> <p>2. Arrive at a logical working diagnosis and differential diagnosis after clinical</p>	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

	<p>examination.</p> <ol style="list-style-type: none">3. Order appropriate investigations keeping in mind their relevance and cost effectiveness and obtain additional relevant information from family members to help in diagnosis and management.4. Identify psychiatric situations calling for urgent or early intervention and refer at the optimum time to appropriate centres.5. Write a complete case record with all necessary details.6. Write a proper discharge summary with all relevant information.7. Obtain informed consent for any examination/procedure. <p>5</p> <ol style="list-style-type: none">8. Perform clinical audit.9. Must be able to perform modified Electroconvulsive therapy (ECT). The student, at the end of the course should be able to perform independently, the following: <ol style="list-style-type: none">1. Conduct detailed Mental Status Examination (MSE)2. Cognitive behaviour therapy3. Supportive psychotherapy4. Modified ECT5. Clinical IQ assessment6. Management of alcohol withdrawal7. Alcohol intoxication management8. Opioid withdrawal management9. Delirious patients10. Crisis intervention <p>The student must be able to demonstrate approach to patient with variety of clinical presentations including following symptoms:</p> <ol style="list-style-type: none">1. Auditory hallucinations2. Visual hallucinations3. Pseudo hallucination4. Seizures true and pseudo seizure	
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

	<p>5. Panic attack 6. Manic symptoms 7. Behavioural symptoms of schizophrenia 8. Catatonia 9. Delirium 10. Malingering</p> <p>The student, at the end of the course should be able to perform under supervision, the following:</p> <p>1. Behaviour therapy 2. Opioid intoxication management 3. Genetic counselling 4. Family therapy</p> <p>The student, at the end of the course should be able to assist the expert in the following:</p> <p>1. Interpersonal therapy 2. Management of suicide attempt</p> <p>6</p>	
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

**Chairman
Board of Studies
PCMS & RC**

**Dean
PCMS & RC**

