# DPU

Dr. D. Y. PATIL VIDYAPEETH, PUNE (Deemed to be University)

Syllabus for III – MBBS (Part - II)

2014 - 15 (Amended / Revised upto July 2019)



#### Dr. D.Y. PATIL VIDYAPEETH, PUNE

(Deemed to be University)

(Re-accredited by NAAC with a CGPA of 3.62 on a four point scale at 'A' Grade) (An ISO 9001 : 2015 Certified University)

Dr. A. N. Suryakar Registrar

> Ref. No.: DPU/875=Vii/2019 Date: 11/09/2019

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#### NOTIFICATION

Whereas in pursuance of the following decisions taken by the Board of Management, it is hereby notified to all concerned that the "Syllabus for III M.B.B.S. Part-I and Part II—2014-15" is revised upto July 2019 and hereby published.

- Changes in syllabus for UG and PG in General Medicine, Pulmonary Medicine and General Surgery vide Resolution No. BM-07-(iii)-4 dated 28th January, 2014.
- Updation in UG and PG syllabus of General Medicine, Obstetrics & Gynecology, Orthopedics, Anaesthesiology, ENT and Ophthalmology vide Resolution No. BM-04(i)-15, dated 31st March, 2015.
- Structure format for evolution of History taking for 3<sup>rd</sup> Semester in General Medicine vide Resolution No. BM-26(v)-15, dated 29<sup>th</sup> December, 2015.
- Replacement of the term "one line answer by one Sentence answer in the Clinical subjects" vide Resolution No. BM-26(ix)-15, dated 29<sup>th</sup> December, 2015
- > Introduction of Bioethical aspects in various chapters of all subjects vide Resolution No. BM-26(xi)-15, dated 29<sup>th</sup> December, 2015
- Modifications in UG Syllabus of Psychiatry vide Resolution No. BM-17(ix)-16, dated 22<sup>nd</sup> September, 2016.
- Consideration of weightage to the journal marks in internal assessment of III MBBS Clinical Subjects as continuous day to day assessment vide Resolution No. BM-05(ii)-17, dated 7th April, 2017.
- Conduct of prelim exam of 3<sup>rd</sup> MBBS only after the end of clinical postings, vide Resolution No. BM-38(ix)-17, dated 27<sup>th</sup> December, 2017.
- ➤ Enhancement of UG syllabus of General Medicine subject vide Resolution No. BM-16(x)-18, dated 21<sup>st</sup> July, 2018.
- Conduct of P.B.L. classes in E-library in the Department of Paediatrics vide Resolution No.BM-35(ii)-18, dated 12<sup>th</sup> October, 2018.
- Graduate Attributes, Programme Outcomes (POs), Course Outcomes (Cos) and gap analysis for all courses of UG and PG Programmes for Para-Clinical and Surgical Subjects vide Resolution No. BM-10(vii)-19 dated, 12<sup>th</sup> April, 2019.
- Interdisciplinary subjects (for Surgical Subjects) of M.B.B.S, M.D./M.S. and Super-specialty (D.M./M.Ch.) Programs under the Faculty of Medicine vide Resolution No. BM-10(viii) dated 12<sup>th</sup> April, 2019.



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- > Graduate Attributes, Programme Outcomes (POs), Course Outcomes (Cos) outcome analysis of Pos and Cos and mapping with objectives for all courses of UG and PG Programmes of Pre-Clinical and Medicine Subjects under the Faculty of Medicine vide Resolution No. BM-27(x)-19 dated 30th July, 2019.
- > Interdisciplinary subjects (for Medicine Subjects) of M.B.B.S, M.D./M.S. and Super-specialty (D.M./M.Ch.) Programs under the Faculty of Medicine vide Resolution No. BM-27(xi) dated 30th July, 2019.

The "Syllabus for III M.B.B.S. Part-I and Part II- 2014-15" Revised upto July 2019 will be useful to all the concerned. This will come into force with immediate effect.



(Dr. A. N. Suryakar) Registrar

- 1. PS to Chancellor for kind information of Hon'ble Chancellor, Dr. D. Y. Patil Vidyapeeth, Pune.
- 2. PS to Vice Chancellor for kind information of Hon'ble Vice Chancellor, Vidyapeeth, Pune.

  3. The Dean, Dr. D. Y. Patil Medical College Hospital & Research Centre, Pimpri, Pune
  4. The Controller of Examinations, Dr. D. Y. Patil Vidyapeeth, Pune.
  5. Director (IQAC), Dr. D. Y. Patil Vidyapeeth, Pune.

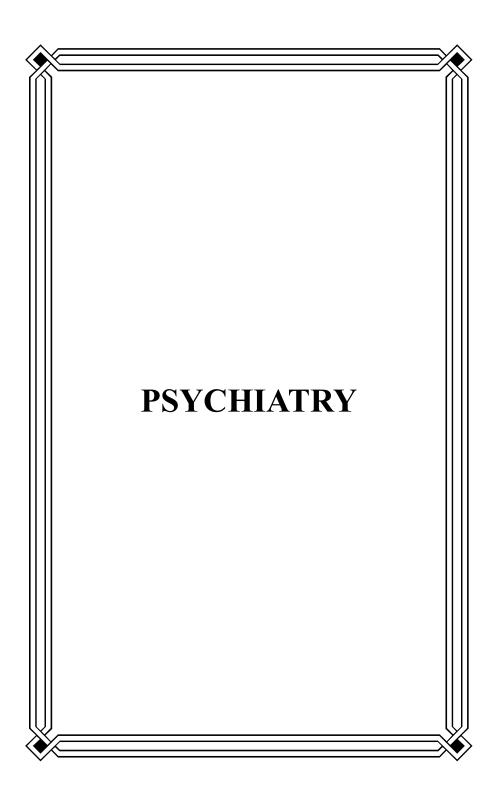
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## MAPPING OF PROGRAMME OUTCOMES [POs] AND COURSE OUTCOMES [COs] OF MBBS PROGRAMMES

<b>Course Code</b>	Course Title
MB401	General Medicine & Allied
MB402	General Surgery & Allied
MB403	Obstetrics & Gynaecology
MB404	Paediatrics

General Medicine & allied: (MB401)			
CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes	
401.1	At the end of the course the student shall have adequate knowledge to diagnose common clinical conditions with special reference to infectious diseases, nutritional disorder, metabolic disorders and environmental disorders.	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9	
401.2	Propose diagnostic and investigative procedures and ability to interpret them	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO9	
401.3	Outline various modes of management including drug therapy especially doses, side effects, toxicity, indications, contraindications and interaction	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9	
401.4	Provide first level management of acute emergencies promptly and efficiently and decide on the timing and level of referral if required	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9	
401.5	Recognize geriatric disorders and their management	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9	
401.6	Apply clinical skills of history taking, clinical examination to diagnose common medical disorders and medical emergencies	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8	
401.7	Perform simple routine investigations like haemogram, stool, urine, sputum and other biological fluids	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9	
401.8	To interpret simple X-Ray, ECG, CT scan and laboratory report findings	PO1,PO2,PO4,PO5, PO6,PO7,PO9	
401.9	Assist common bedside medical procedures like pleural tap, lumbar puncture, bone marrow aspiration, catheterization, insertion of Ryle's tube etc.	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9	
401.1	sympathetic and compassionate attitude towards patient and their relatives	PO1,PO2,PO3,PO5, PO7	
401.11	A curiosity to learn about medical research	PO1,PO2,PO4, PO5,PO6,PO7,PO8,	

General Medicine & allied: (MB401)			
CO	At the end of the course, the learner	Mapped	
No.	should be able to:	Programme	
		Outcomes	
		PO9	
401.12	To correctly record case files, medical	PO1,PO2,PO3,PO5,	
	certificates	PO7,PO9	
401.13	Diagnose and manage common	PO1,PO2,PO4,PO,P	
	respiratory illness	O6,PO7,PO8,PO9	
401.14	Should be able to diagnose provisionally	PO1,PO2,PO3,PO5,	
	Psychiatric disorders	PO6,PO7,PO8,PO9	
401.15	Should be able to diagnose and manage	PO1,PO2,PO4,PO,	
	common dermatology problems as	PO6,PO7,PO8,PO9	
	physician of first contact		



#### **PSYCHIATRY**

#### (1) **GOAL**:

Undergraduate training in Psychiatry will be imparted to students who are undergoing their MBBS degree course recognized by the Medical Council of India and will have the following aims.

- **1.1** To impart knowledge in Psychology, Neural Sciences, Neurology and Psychiatry.
- **1.2** To train the students in the clinical discipline in such a manner that they can investigate, diagnose and deal with neuropsychiatric disorders.

#### (2) OBJECTIVES:

#### 2.1 KNOWLEDGE

At the end of the course the students should have knowledge of -

- 2.1.1 Diagnosis and management of neuropsychiatric disorders.
- 2.1.2 Management of psychiatric emergencies.
- 2.1.3 Pharmacotherapy
- 2.1.4 Psychology and psychological therapies
- 2.1.5 Procedures used in Psychiatry like Electroconvulsive therapy, Narcoanalysis
- 2.1.6 The recent advances in the subject.

#### 2.2 SKILLS

At the end of the course the candidate should be -

- **2.2.1** Able to identify signs and symptoms of common psychiatric illnesses.
- **2.2.2** Able to identify developmental delays including cognitive delays.
- **2.2.3** Aware of common psychopharmacological interventions in Psychiatry.
- **2.2.4** Able to apply basic counseling skills and have comfort with discussing common psychiatric issues.
- **2.2.5** Able to understand the nature and development of normal human behavior.

- **2.2.6** Able to appreciate the interplay between psychological and physical factors in medical presentations.
- **2.2.7** Aware of statutory and educational provisions with regard to psychiatric illnesses and disability.
- **2.2.8** Able to develop helpful and humane attitude towards psychological, psychiatric and behavioural difficulties.
- **2.2.9** And overall, able to deliver mental health services at the primary level.

#### (3) INTEGRATION OF TEACHING AND TRAINING SCHEDULE:

The entire course will be covered in 6th, 7th and 8th semesters. 20 theory lectures of 1 hr duration will be covered during 6th and 7th semesters (10 theory lectures in each semester). 10 tutorials of 1 hr duration will be covered in 8th semester. During 8th semester students will be posted for clinical posting in psychiatry for 2 weeks duration.

#### (4) INTEGRATION OF TEACHING AND TRAINING SCHEDULE:

- 4.1 Theory lectures.
- 4.2 Ward and OPD work.
- 4.3 Observation of procedures like ECT, Narcoanalysis, use of Bio-feedback machines and EEG recording.
- 4.4 Case presentations / Clinical meetings.
- 4.5 Tutorials / Demonstrations of specimens, EEG, psychological testing, neuroimaging etc.
- 4.6 Self-study.

#### (5) SYLLABUS:

- 5.1 Introduction to Psychology, Biology of behaviour, Brain and behaviour.
- 5.2 Development during infancy, childhood, adolescence and adulthood.
- 5.3 Learning, memory, thinking and language.
- 5.4 Motivation, personality, attitude and perception.

- 5.5 Examination of a psychiatric patient, clinical manifestations of psychiatric disorders, doctor-patient relationship (2 lectures)
- 5.6 Classification of mental and behavioural disorders
- 5.7 Delirium, dementia, amnestic and other cognitive disorders.
- 5.8 Substance abuse.
- 5.9 Schizophrenia. (2 lectures)
- 5.10 Mood disorders. (2 lectures)
- 5.11 Other psychotic disorders.
- 5.12 Non-psychotic disorders, anxiety disorders, somatoform disorders, dissociative disorders, phobias and obsessional disorders. (2 lectures)
- 5.13 Child psychiatry.
- 5.14 Geriatric psychiatry.
- 5.15 Community and forensic psychiatry.
- 5.16 Normal human sexuality, sexual and gender identity disorders.
- 5.17 Eating disorders, disorders of sleep, adjustment disorders and personality disorders.
- 5.18 Stress and concepts of psychosomatic medicine.
- 5.19 Psychiatric emergencies.
- 5.20 Biological therapies.
- 5.21 Psychological therapies and counseling.

#### (6) PRACTICALS:

- 6.1 Ward and OPD work.
- 6.2 Case presentations and clinical meetings.
- 6.3 Tutorials and demonstrations.
  - N.B. Entire course duration will be covered in 20 theory lectures of 1 hour duration, 15 days of clinical postings of 4 hour duration each and 10 sessions of tutorials / demonstrations of 2 hours duration.

### (7) LECTURES, TUTORIALS (TOTAL NUMBER, TOPICS) IN EACH SEMESTER

#### 7.1 Lectures in 6th semester (Total No. 10)

- 7.1.1. Introduction and classification in Psychiatry
- 7.1.2. Psychiatric history taking & Mental status examination
- 7.1.3. Schizophrenia-1
- 7.1.4. Schizophrenia-2
- 7.1.5. Mood Disorder-1
- 7.1.6. Mood Disorder-2
- 7.1.7. Organic mental disorder
- 7.1.8. Psychoactive substance use disorder-1
- 7.1.9. Psychoactive substance use disorder-2
- 7.1.10. Anxiety Disorders

#### 7.2 Lectures in 7th semester (Total No. 10)

- 7.2.1 Stress related and somatoform disorder
- 7.2.2 Personality disorders
- 7.2.3 Sleep and eating disorders
- 7.2.4 Psychosexual disorders
- 7.2.5 Mental retardation
- 7.2.6 Child psychiatry-1
- 7.2.7 Child psychiatry-2
- 7.2.8 Emergency psychiatry
- 7.2.9 Psychopharmacology
- 7.2.10 Psychological treatment

#### 7.3 Tutorials (Total No. 10)

### (8) EVALUATION:

At the end of the course, the students will be evaluated by an internal assessment out of total marks of 20. The internal assessment will consist of orals and practicals only. Assessment of theoretical knowledge will be done during the Final MBBS examination along with Medicine and allied specialties paper.