



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

Syllabus for Super Speciality

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

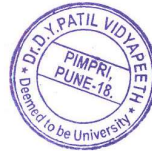
Date : 11/09/2019


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 Super Speciality – 2014-15**” is revised upto July 2019 and hereby published.

- Changes in Practical examination pattern of M. Ch. Urology vide **Resolution No. BM-35(viii)-18, dated 12th October, 2018.**
- Approval of Syllabus for D.M. (Cardiology), D.M. (Neurology) and M. Ch. (Cardio Vascular Thoracic Surgery) vide **Resolution No. BM-38(xiv)-17, dated 27th December, 2017.**
- Interdisciplinary 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 12th April, 2019.**
- Interdisciplinary 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 of Super Speciality – 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

Copy to:

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, Dr. D. Y. Patil 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.
6. Web Master for uploading on Website.

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

PROGRAMME OUTCOMES

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

D.M. NEUROLOGY PROGRAMME

Course Code	Course Title
SS06	DM Neurology

Course 1 (Subject Code)

CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes
SS06.1	Able to take detailed neurological history	PO1, PO2, PO3, PO5,
SS06.2	Perform detailed neurological exam	PO1, PO2, PO3, PO4, PO5, PO9
SS06.3	Able to discuss differential diagnose	PO1, PO2, PO4, PO9
SS06.4	Treat all neurological disorders	PO1, PO2, PO4, PO5,PO9
SS06.5	Understand neuroanatomy	PO1, PO2, PO4, PO9
SS06.6	Understand neuropathology	PO1, PO2, PO4, PO9
SS06.7	Understand Electrophysiology	PO1, PO2, PO4, PO5,PO9
SS06.8	Interpret Neuro imaging of central nervous system	PO1, PO2, PO4, PO5, PO9
SS06.9	Able to do nerve & muscle Biopsy	PO1, PO2, PO4, PO9
SS06.10	Present journal clubs, Case presentation and seminar.	PO1, PO2, PO3,PO4, PO9



D.M. Neurology

D.M. NEUROLOGY

1. GOAL -

The goal of course is to impart comprehensive training in Neurology and allied subjects like neuroradiology, neuropathology, neuropsychiatry and electrophysiology so as to make a competent specialist capable of diagnosing neurological disorders

2. ELIGIBILITY

- Post graduate degree in General Medicine (MD or DNB)

Entrance- NEET examination for super specialities

3. DURATION OF COURSE-

The course will be of total duration of three years including the examination period as prescribed by MCI.

4. ATTENDANCE-

Student will have to have minimum 80% attendance to be eligible for appearing in the examination.

5. LEARNING OBJECTIVES-

The course is designed to impart clinical training as well as performing and interpreting electrophysiological studies, interpretation of neuroradiology and neuro-histopathology

- 6. THE ACADEMIC CURRICULUM** will include neuroanatomy, physical examination of nervous system, neurophysiology, neuropathology, electrophysiology, neuroradiology, neuropsychiatry besides various disorders of the nervous system. The aim will be to train the student in the clinical approach to a problem and how to reach a logical diagnosis with sound theoretical knowledge with the help of investigations like electrophysiology, neuroradiology and neuro-histopathology

THE ACADEMIC CURRICULUM will be as follows-

ACADEMIC ACTIVITY	
Journal club	Once a Week
Investigation related – EEG, EMG, NCV, EP	Once a Week
Case presentation	Once a Week
Grand rounds	Once a Week
Seminar	Once a Week

Daily OPD and IPD as per the roster

Neuro-Radiology conference with Dept of Radiology once a month
Neurology- Neurosurgery conference with Dept of Neurosurgery once a month.

7. THESIS-

Every student will be required to submit a thesis 6 months before the commencement of examination. Once the thesis is accepted only then the student shall be eligible to appear in the examination. The topic of thesis will be selected by the student, will be discussed in the departmental meeting and approved by his guide within first 3 months after admission. No change of topic will be allowed later. The purpose of the thesis will be to inculcate interest in doing research & to understand research methodology. The student will present the progress of his work every 6 months in the departmental meetings. There will be continuous monitoring by the guide and periodic monitoring by the HOD. The thesis will be evaluated independently by two internal and two external examination and will either be approved or not approve Decision will be given 3 months before the final examinations.

8. LOGBOOK

Student will be required to maintain a log book for the day to day clinical, academic and electrophysiology work carried out by him which will be duly signed by the guide every month

9. PUBLICATION BY PGS

Student will be required to present one poster presentation, to read one paper at a state/national conference and to publish/accepted for publications a research paper during the period of training, to eligible to appear in the final exam.

10. EXAMINATION

Will consist of theory, and Practical examination

(a) THEORY

There will be 4 theory papers, each carrying 100 marks

Paper 1 - Basic medical sciences

Paper 2 - Disorders of the nervous system

Paper 3 - Tropical neurology, Neuropsychiatry, neurological involvement in systemic illness.

Paper 4 - Recent advances in neurology and clinical trials

However, these are only broad guidelines for the student and the examiners who will set the papers and not binding on them.

(b) PRACTICAL :

(I) Clinical Examination - Cases

One long case and two short cases.

Long case will carry 100 marks and short case 50 marks each

(II) Viva- 100 Marks

(III) Spots

X Rays, CT scans, MRIs, Electrophysiology graphs and histopathology. 100 marks

TOTAL MARKS = 800

Student will have to secure at least 50 percent marks in both theory and Practical each to pass.