



**PONDICHERY UNIVERSITY**  
**(A CENTRAL UNIVERSITY)**

**M.B.B.S.**

**Syllabus & Regulations**

2017-18 Onwards

**PONDICHERRY UNIVERSITY  
M.B.B.S  
REGULATIONS AND SYLLABUS  
(1st AUGUST 2017)**

**IN ACCORDANCE WITH  
MEDICAL COUNCIL OF INDIA  
REGULATIONS ON  
GRADUATE MEDICAL EDUCATION, 1997  
(AMENDED UPTO 10<sup>th</sup> March 2017)**

**PONDICHERRY UNIVERSITY**  
**POSTGRADUATE MEDICAL EDUCATION (AMENDMENT)**  
**SYLLABUS & REGULATIONS, 2008**

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 SRI MANAKULA VINAYAGAR  
 MEDICAL COLLEGE AND HOSPITAL  
 KALITHEERTHALA UPPAM,  
 MADAGADIPET, PUDUCHERRY-605 107.

decision taken by the Council on such requests shall be final.

Note-3: The College/Institutions shall send intimation to the Medical Council of India about the number of students admitted by them on migration within one month of their joining. It shall be open to the Council to undertake verification of the compliance of the provisions of the regulations governing migration by the Colleges at any point of time.

## 7. Training Period and Time Distribution:

1. Every student shall undergo a period of certified study extending over 4 ½ academic years divided into 9 semesters, (i.e. of 6 months each) from the date of commencement of his study for the subjects comprising the medical curriculum to the date of completion of the examination and followed by one year compulsory rotating internship. Each semester will consist of approximately 120 teaching days of 8 hours each college working time, including one hour of lunch.

2. The period of 4 ½ years is divided into three phases as follows:-

a) Phase-1 (two semesters) - consisting of Pre-clinical subjects (Human Anatomy, Physiology including Bio-Physics, Bio-chemistry and introduction to Community Medicine including Humanities). Besides 60 hours for introduction to Community Medicine including Humanities, rest of the time shall be somewhat equally divided between Anatomy and Physiology plus Biochemistry combined (Physiology 2/3 & Biochemistry 1/3).

b) Phase-II (3 semesters) - consisting of para-clinical / clinical subjects. During this phase teaching of para-clinical and clinical subjects shall be done concurrently. The para-clinical subjects shall consist of Pathology, Pharmacology, Microbiology, Forensic Medicine including Toxicology and part of Community Medicine. The clinical subjects shall consist of all those detailed below in Phase III. Out of the time for Para-clinical teaching approximately equal time be allotted to Pathology, Pharmacology, Microbiology and Forensic Medicine and Community Medicine combined (1/3 Forensic Medicine & 2/3 Community Medicine). See Appendix C.

c) Phase-III (Continuation of study of clinical subjects for seven semesters after passing Phase-I). The clinical subjects to be taught during Phase II & III are Medicine and its allied specialties, Surgery and its allied specialties, Obstetrics and Gynaecology and Community Medicine. Besides clinical posting as per schedule mentioned herewith, rest of the teaching hours be divided for didactic lectures, demonstrations, seminars, group discussions etc. in various subjects. The time distribution shall be as per Appendix C. The Medicine and its allied specialties training will include General Medicine, Paediatrics, Tuberculosis and Chest, Skin and Sexually Transmitted Diseases, Psychiatry, Radio-diagnosis, Infectious diseases etc. The Surgery and its allied specialties training will include General Surgery, Orthopaedic Surgery including Physio-therapy and Rehabilitation, Ophthalmology, Otorhinolaryngology, Anaesthesia, Dentistry, Radio-therapy etc. The Obstetrics & Gynaecology training will include family medicine, family welfare planning etc.

3. The first 2 semester (approximately 240 teaching days) shall be occupied in the Phase I (Pre-clinical) subjects and introduction to a broader understanding of the perspectives of medical education leading to delivery of health care. No student shall be permitted to join the Phase II (Para-clinical/clinical) group of subjects until he has passed in all the Phase I (Pre-clinical subjects) for which he will be permitted not more than four attempts (1 MBBS University examination), provided four chances are completed in three years from the date of enrolment.

4. After passing pre-clinical subjects, 1½ year (3 semesters) shall be devoted to para-clinical subjects. Phase II will be devoted to para-clinical & clinical subjects, along with clinical postings. During clinical phase (Phase III) pre-clinical and para-clinical teaching will be integrated into the teaching of clinical subjects where relevant.

# PONDICHERRY UNIVERSITY

## SALIENT FEATURES OF POSTGRADUATE MEDICAL EDUCATION (AMENDMENT) REGULATIONS, 2008

### 1. SHORT TITLE AND COMMENCEMENT:-

1. These regulations may be called "The Postgraduate Medical Education Regulations 2008".
2. They shall come into force from the current year.

### 2. GENERAL CONDITIONS TO BE OBSERVED BY POSTGRADUATE TEACHING INSTITUTIONS:

- i. Postgraduate Medical Education in broad specialities shall be of three years duration in the case of degree course and two years in the case of Diploma course after MBBS and in the case of super specialities the duration shall be of three years after MD/MS.
- ii. Postgraduate curriculum shall be competency based.
- iii. Learning in postgraduate programme shall be essentially autonomous and self directed.
- iv. A combination of both formative and summative assessment is vital for the successful completion of the PG programme.
- v. A modular approach to the course curriculum is essential for achieving a systematic exposure to the various areas concerned with the discipline.
- vi. The training of PG students shall involve learning experience 'derived from' or 'targeted to' the needs of the community. It shall, therefore, be necessary to expose the students to community based activities.

### 3. GOALS AND GENERAL OBJECTIVES OF POSTGRADUATE MEDICAL EDUCATION PROGRAMME TO BE OBSERVED BY POSTGRADUATE TEACHING INSTITUTION.

#### 3.1 GOAL

The goal of postgraduate medical education shall be to produce competent specialists and/or Medical teachers.

- i. who shall recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the national health policy
- ii. who shall have mastered most of the competencies, pertaining to the speciality, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system;
- iii. who shall be aware of the contemporary advance and developments in the discipline concerned;
- iv. who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology; and
- v. who shall have acquired the basic skills in teaching of the medical and paramedical professionals;

#### 3.2 GENERAL OBJECTIVES OF POST-GRADUATE TRAINING EXPECTED FROM STUDENTS AT THE END OF POST-GRADUATE TRAINING

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DEAN  
SRI MANIKULA VINAYAGAR  
MEDICAL COLLEGE AND HOSPITAL  
KALITHEERTHAL KUPPAM,  
MADAGADIPET, PUDUCHERRY-605 107.

(d) The Record (Log) Books shall be checked and assessed periodically by the faculty members imparting the training.

13.5 During the training for award of Degree / Super Speciality / Diploma in clinical disciplines, there shall be proper training in Basic medical sciences related to the disciplines concerned; so also in the applied aspects of the subject; and allied subjects related to the disciplines concerned. In the Post Graduate training programmes including both Clinical and Basic medical sciences, emphasis has to be laid on Preventive and Social aspects. Emergency care, facilities for Autopsies, Biopsies, Cytopsies, Endoscopy and Imaging etc. shall also be made available for training purposes.

13.6 The Post Graduate students shall be required to participate in the teaching and training programme of undergraduate students and interns.

13.7 Training in Medical Audit, Management, Health Economics, Health Information System, basics of statistics, exposure to human behaviour studies, knowledge of pharmaco – economics and introduction to non- linear mathematics shall be imparted to the Post Graduate students.

13.8 Implementation of the training programmes for the award of various Post Graduate Degree and Diplomas shall include the following:-

**(a) Doctor of Medical (M.D.) / Master of Surgery (M.S.)**

**(i) Basic Medical Sciences** – The teaching and training of the students shall be through Lectures, Seminars, Journal Clubs, Group Discussions, Participation in laboratory and experimental work, and involvement in Research Studies in the concerned speciality and exposure to the 'Applied aspects' of the subject relevant to clinical specialities.

**(ii) Clinical disciplines**

The teaching and training of the students shall include responsibility in the management and treatment of patients entrusted to their care; participation in Seminars, Journal clubs, Group Discussions, Clinical Meetings, Grand Rounds and Clinico - Pathological Conferences; practical training in Diagnosis and Medical and Surgical treatment; training in the Basic Medical Sciences, as well as in allied clinical specialities.

**(b) Doctor of Medicine (D.M.) / Magister Chirurgiae (M.Ch.)**

The training programme shall be on the same pattern as for M.D. / M.S. in clinical disciplines; with practical training including advanced Diagnostic, Therapeutic and Laboratory techniques, relevant to the subject of specialization. Post Graduate Degree / Diploma / Super Speciality Residents in Surgical specialities shall participate in surgical operations as well.

**(c) Diplomas**

The teaching and training of the students shall include graded clinical responsibility; Lectures, Seminars, Journal Clubs, Group Discussions and participation in Clinical and Clinico-Pathological Conferences, practical

TRUE COPY ATTESTED

DEAN

SRI MANAKA VINAYAGAR  
MEDICAL COLLEGE AND HOSPITAL,  
KALITHEERTHUKUPPAM,  
MADAGADIPET, PUDUCHERRY-605 107.