

# **VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.**

**Department of Community Medicine**

**Government Medical College, Surat**

**Postgraduate degree course**

**(Diploma in Community Medicine / PSM)**

Every year 2 medical students can be admitted to the course of DCM (post graduation). The number of seat varies on the basis of the policy of MCI and Government of Gujarat. The total duration of the course is of 2 years. The whole duration is divided into 4 terms where each term is of 6 months duration. The post graduate teaching in the department is carried out with the following goals and general objectives-

## **1. Goals and General Objectives of the post graduate (MD) education:**

### **1.1 The goal of postgraduate medical education shall be to produce competent specialists of Community Medicine (PSM)**

- 1 Who shall recognise the health needs of the community, and carry out professional obligations ethically and in keeping with objectives of the national health policy;
- 2 Who shall have mastered most of the competencies, pertaining to the specialty, that are required to be practiced at the health care delivery system;
- 3 Who shall be aware of the contemporary advances and developments in the discipline of community medicine
- 4 Who shall have acquired a spirit of scientific enquiry and is oriented to the principles of research methodology and epidemiology and
- 5 Who shall have acquired the basic skills in training of the medical and paramedical professionals?

### **1.2 General objectives of post-graduate training**

At the end of postgraduate training in the Community Medicine (PSM) the student shall be able to:

1. Recognize the importance of the community medicine in the context of the health needs of the community and national priorities in the health sector;
2. Practice the community medicine specialty ethically and in step with the principles of health care;
3. Demonstrate sufficient understanding of the basic sciences relevant to the community medicine
4. Identify social, economic, environmental, biological and emotional determinants of health in a given case, and take them into account while planning therapeutic, rehabilitative, preventive and promotive measures/strategies.
5. Diagnose and manage majority of the health conditions in the community on the basis of clinical assessment, and appropriately conduct investigations.
6. Plan and advise measures for the prevention and rehabilitation of patients suffering from disease and disability
7. Demonstrate skills in documentation of individual/community case details as well as morbidity and mortality data relevant to the assigned situation.

8. Demonstrate empathy and humane approach towards patients and their families and exhibit interpersonal behaviour in accordance with the societal norms and expectations.
9. Play the assigned role in the implementation of national health programmes, effectively and responsibly.
10. Organize and supervise the chosen/assigned health care services demonstrating adequate managerial skills in the clinic/hospital or the field situation.
11. Develop skills as a self-directed learner; recognize continuing educational needs; select and use appropriate learning resources.
12. Demonstrate competence in basic concepts of research methodology and epidemiology, and be able to critically analyse relevant published research literature.
13. Develop skills in using educational methods and techniques as applicable to the teaching of medical/ nursing students, general physicians and paramedical health workers.
14. Function as an effective leader of a health team engaged in health care, research or training.

## **2. Eligibility for admission in MD Community Medicine / PSM :**

### **2.1 Eligibility:**

1. Every candidate for Diploma in Community Medicine (DCM) must have taken the Degree of M.B.B.S of South Gujarat University or of any other recognized Indian University by this University or Indian Medical Council of India. He/she must have successfully completed prescribed course.
2. The candidates wishing to undertake the Diploma Course in Community Medicine will have to fulfill the requirements of housemen ship as per recommendation of the Medical Council of India or alternatively they should have spent two years in a Primary Health Centre for Community Medicine and health work out of which at least one year should be in Primary Health Centre.

### **2.2 Duration of course:**

1. He will study as full time post-graduate student in department of Preventive and Social Medicine.
2. The course of study shall spread over a period of two academic years. The academic year will be according to South Gujarat University. This will be a full time course with minimum four hours teaching per day.

### **2.3 Admission:**

1. The PG admission committee members of the Government Medical College, Surat, will select the candidate deputed by Government of Gujarat purely on the basis of merit and the selected candidate should take up the course within stipulated days as per notice / order of the college/ university from the date of interview and their selection.
2. The candidates so selected should take up the course within 10 days from the date of notification of their selection. Failing which their admission to this course will be cancelled.

### 3. Syllabus:

**The course of study will be divided into three modules as given below**

**I-Module:-** Basic Science as applied to Community Medicine & Health:-

- 1) Epidemiology:- a) History, concepts, principles techniques, special and practical epidemiology. b) Social Science, c) Statistical Method and Health Statistics.
- 2) Nutrition.
- 3) Environmental sanitation including entomology and public health laboratory services.
- 4) Occupational Health.

**II-Module:-** Public Health Administration as applied to Community Medicine & Health

- 1) Development of health services including hospital services and medical care in India.
- 2) Organization of health services in India.
- 3) General Principles of Administration & management in Health.
- 4) Community considerations in Health.
- 5) Health Education.
- 6) National Programmes and their management.
- 7) Maternal and child health.
- 8) Family Planning
- 9) School Health.
- 10) Clinical postings in the hospital

**III-Module:-** Medical care at the villages as applied to Community medicine and health

- 1) Child care.
- 2) Maternal care including obstetrical and Gynecological care and fertility regulations.
- 3) Surgical care.
- 4) Anesthetic skill.
- 5) Ophthalmic care.
- 6) Traumatology and bone infections.
- 7) General Medicine Care.
- 8) Infections and nutritional disease care.
- 9) Common investigations and operations.

**Topics mentioned in the above will be taught to the students by the following methods:**

- Lectures
- Demonstrations
- Seminars
- Journal club
- Practical
- Field visits
- Case presentations
- Group discussions
- Participation in undergraduate teaching, in departmental research and National Programme.
- Clinical postings etc.

#### 4 Evaluation:

- For appearing in the examination, candidates should apply to the Registrar, South Gujarat University, Surat in the prescribed form along with prescribed fee with the certificate from the Dean / Professor in Charge P.G. Centre of having successfully completed prescribed course after completion of 4 terms and after submission of their report to the department.
- A combination of both formative and summative assessment shall be carried, as it is vital for the successful completion of the PG programme.

#### THEORY

The theory examination shall include **three papers**, each of three hours duration and 100 marks as follows:-

<b>Paper-I</b>	Basic science as applied to Community Medicine and Health	<b><u>100 marks</u></b>
<b>Paper-II</b>	Public Administration as applied to Community Medicine & Health	<b><u>100 marks</u></b>
<b>Paper-III</b>	Medical Care at village as applied to Community Medicine & Health	<b><u>100 marks</u></b>
	<b>Total..</b>	<b><u>300 marks</u></b>

#### PRACTICAL AND ORAL

The practical and oral will be conducted as follows:-

<b>Practical-I</b>	Basic science, Environmental sanitation, Public health, Laboratory services, Occupational health, Statistical methods, Nutrition, Epidemiological Exercise and public Administration as applied to Community Medicine & Health.	<b><u>75 marks</u></b>
<b>Practical-II</b>	Comprehensive medical care at village level. One long case, one short case and one rural family in rural setting.	<b><u>75 marks</u></b>
	<b>Oral:-</b>	<b><u>50 marks</u></b>
	<b>Total..</b>	<b><u>200 marks</u></b>

**Gross Total                      500 marks**

- There will be 3 theory papers each of 100 marks (total marks 300)
- There will be a practical and oral examination of 200 marks