

## ALLIED & HEALTHCARE INSTITUTE

*Course duration 2 years +6 month internship*

### Eligibility

\* Interested candidate must have passed 10+2 with physics chemistry biology or math with 40% marks by state board or any recognized board/ university.

### COMMUNITY MEDICAL SERVICES (C M S)

#### Community medical services & essential drug (C M S & ED) course

Health for all by through the Alma Ata declaration signed by all members' countries,  
"The W H O was given call, Health for all 2000 A D."

To full fill this aim of W H O, Dr. Dinesh Kumar Shukla registrar Para Medical Council of India has started such.

Course name community medical services and essential drug C M S (E D)course to train rural doctor's practioners of all system and health workers and others supported by unique and W H O Is (Geneva, Switzerland) guidelines.

After completing the C M S (E D) course the candidate will be eligible for admission to essential drug training .after which they will be authorized to use **350 essential drugs** approved by W H O.

### **COURSE DETAILS**

<b>1<sup>st</sup> Year Subject</b>	<b>2<sup>nd</sup> Year Subject</b>
<ul style="list-style-type: none"><li>➤ Pathology</li><li>➤ Anatomy &amp; Physiology</li><li>➤ Health &amp; Hygiene</li><li>➤ Pharmacology</li></ul>	<ul style="list-style-type: none"><li>➤ Medical Jurisprudence</li><li>➤ Obstetrics &amp; Gynecology</li><li>➤ Practice of Medicine</li><li>➤ Primary Health Care</li></ul>

## **DETAILED SYLLABUS**

### **First year**

#### **Part -1 Anatomy**

1. Cell, Tissues, Organ, Structure
2. Skeleton System-Structure & Function
3. Cardiovascular System
4. Muscular System
5. Respiratory System
6. Digestive System
7. Excretory System
8. Endocrine System
9. Reproduction System
10. Nervous System
11. Special Senses (Eye, Ear, Nose, Skin)

#### **Part -2 Physiology**

1. Cell, Tissues- Normal Physiology
2. Skeleton System-A.P.L. Function
3. Cardiovascular System-Cardiac Cycle Action
4. Muscular System-Potential Special
5. Respiratory System-Junction tissues
6. Digestive System-Composition
7. Excretory System
8. Reproduction System
9. Endocrine System
10. Nervous System

#### **Part -3 Pathology**

1. General Pathology
2. Clinical Pathology
3. Bacteriology
4. Parasitological

5. Fungi logy
6. Helminthological
7. Applied Pathology
8. Advance Pathology

#### **Part -4 Health & Hygiene**

1. Food & Nutrition
2. Community Health & Hygiene
3. Environment and Sanitation
4. Home Nursing
5. First Aid
6. Ors, Breast Feeding, Health Food Etc.

#### **Part -5 Pharmacology**

1. Definition of Drugs
2. Pharmacy-Source of Drug
3. Form of Drugs
4. Route of Administration
5. Various type of drugs-classification
6. Advantage and Disadvantage of drugs
7. Dose definition, Minimum and Maximum dose, Calculating of dose
8. Injection-Definition, Purpose of injection common dangers of injection
9. Different routes of infusion
10. Infection definition
11. Sterilization-disinfection
12. Methods of transmission diseases
13. Immunity Definition-types Bacteria-common bacteria Virus Definition, Small Pox Virus, Chickenpox Virus Measles, Polio, Aids Virus
14. Definition of Toxicology, General Principle of Clinical Toxicology
15. Classification of poisons-General treatment of poisoning

## Second year

### Part -1 Medical Jurisprudence

1. Criminal Courts in India
2. Indian legal System
3. Procedure in Court
4. Medical Ethics
5. Injuries
6. Rape Indecent Assaults, Battery
7. Medical Examination and Consent

### Part -2 Obstetrics and Gynecology

1. Obstetrics- (a) Antenatal Care (b) Safe Delivery (c) Postnatal Care
2. Gynecology-Common Diseases
3. Family Welfare-Family planning methods (Temporary & Permanent)
4. Investigation of Sterility
5. Reproductive & Child Health (RCH)
6. National Family Welfare Pregnancy
7. Complications of Pregnancy
8. Complications of Labour
9. Common Gynecological Disorders

### Part -3 Practice of Medicine

1. Communicable Disease : Prevention, Control and Treatments
2. Deficiency Diseases
3. Endocrine Diseases
4. Home Remedies
5. First Aid
6. Home Nursing
7. Drug Addiction
8. Mental Diseases

### Part -4 Primary Health Care

1. Family Welfare
2. Investigation of Sterility

3. Temporary Methods
4. Permanent Methods
5. Gynecology
6. Antenatal Care
7. Postnatal Care
8. Health Education – General, School Health, Nutrition, Sex Etc.
9. Special Disease & General, School Health, Nutrition, Sex Etc.4

**Essential Drugs Training (Primary Level) – 350 Drugs**

Practical examination will be for assessment of patients, immunization and blood smear Drawing, Albumin test for urine, ORS preparation etc.

Allied & Healthcare Institute Delhi