



# **All India Paramedical Faculty**

## **Diploma in Community medical services & essential drug (C M S & ED) --119**

**Duration : 2 years +6 month internship**

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

**INTRODUCTION :-** 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. Medan Singh registrar All India Para Medical Faculty .  
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.

#### **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.

#### **Syllabus - FIRST YEAR**

##### **PAPER -I**

## **DETAILED SYLLABUS**

### **First year**

#### **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)

### **3- 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

### **3 Pathology**

1. General pathology
2. Clinical pathology
3. Bacteriology
4. Parasitological
5. Fungi logy
6. Helminthological
7. Applied pathology
8. Advance pathology

### **4 Health and Hygiene**

1. Food and nutrition
2. Community health and hygiene
3. Environment and sanitation
4. Home nursing
5. First aid
6. Ors, breast feeding, health food etc.

### **5 Pharmacology**

1. Definition of drugs,
2. Pharmacy-source of drug,
3. Form of drugs.
4. Route of administration
5. Various types 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 poxvirus, chicken pox virus measles, polio, aids virus
14. Definition of toxicology. General Principal of clinical toxicology,
15. Classification of poisons-  
General treatment of poisoning -

## **2<sup>nd</sup> year**

### **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

### **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 Labor
9. Common Gynecological Disorders.

### **3- Practice of Medicine**

1. Communicable diseases : 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

### **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 Diseases & general, school health, nutrition, sex etc.

➤ **Essential Drugs training (primary level) - 350 drugs.**

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

*First year- Paper*

<b>paper</b>	<b>subject</b>	<b>marks</b>		<b>Duration</b>
Paper-I	<b>ANATOMY &amp; PHYSIOLOGY</b>	75	100	3hrs
	<i>Internal Assessment</i>	25		
Paper-II	<b>Pathology, Health &amp; hygiene</b>	75	100	3hrs
	<i>Internal Assessment</i>	25		
Paper-III	<b>Pharmacology</b>	75	100	3hrs
	<i>Internal Assessment</i>	25		
practical	<b>ANATOMY &amp; PHYSIOLOGY, Pathology, Health &amp; hygiene, Pharmacology</b>	100		3hrs
<i>Second year- Paper</i>				
Paper-I	<b>Medical jurisprudence, Practice of Medicine</b>	75	100	3hrs
	<i>Internal Assessment</i>	25		
Paper-II	<b>Obstetrics and gynecology, - Primary Health Care</b>	75	100	3hrs
	<i>Internal Assessment</i>	25		
Practical	<b>Medical jurisprudence, Practice of Medicine , Obstetrics and gynecology, - Primary Health Care</b>		100	3hrs