

**NIRMA UNIVERSITY**  
**Institute of Pharmacy**  
**(B. Pharm)**  
**(Semester - VIII)**

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<b>Course Code</b>	<b>BP802T</b>
<b>Course Title</b>	<b>Social and Preventive Pharmacy – Theory</b>

**Scope:**

The purpose of this course is to introduce to students a number of health issues and their challenges. This course also introduced a number of national health programmes. The roles of the pharmacist in these contexts are also discussed.

**Objective:** At the end of the course, the student shall be able to

1. Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide.
2. Have a critical way of thinking based on current healthcare development.
3. Evaluate alternative ways of solving problems related to health and pharmaceutical issues

**Course Learning Outcomes (CLO):**

After successful completion of the course, student will be able to -

6. Explain the concept of health and disease, social and health education as well as social impact and effect of hygiene on health and disease.
7. Relate general principles of use of preventive medicines for various diseases.
8. List national health programs, its objectives, functioning and outcomes.
9. Discuss importance of national health intervention program for mother, child, family welfare, and social health improvement as well as role of WHO in Indian national programs.
10. Elaborate role of community services in rural and urban areas.

**Syllabus:**

**Teaching hours: 45 Hours**

**UNIT I**

**10 Hours**

**Concept of health and disease:** Definition, concepts and evaluation of public health. Understanding the concept of prevention and control of disease, social causes of diseases and social problems of the sick.

**Social and health education:** Food in relation to nutrition and health, Balanced diet, Nutritional deficiencies, Vitamin deficiencies, Malnutrition and its prevention.

**Sociology and health:** Socio cultural factors related to health and disease, Impact of urbanization on health and disease, Poverty and health

**Hygiene and health:** personal hygiene and health care; avoidable habits

**UNIT II**

**10 Hours**

**Preventive medicine:** General principles of prevention and control of diseases such as cholera, SARS, Ebola virus, influenza, acute respiratory infections, malaria, chicken guinea, dengue, lymphatic filariasis, pneumonia, hypertension, diabetes mellitus, cancer, drug addiction-drug substance abuse

### **UNIT III**

**10 Hours**

**National health programs, its objectives, functioning and outcome of the following:**

HIV AND AIDS control programme, TB, Integrated disease surveillance program (IDSP), National leprosy control programme, National mental health program, National programme for prevention and control of deafness, Universal immunization programme, National programme for control of blindness, Pulse polio programme.

### **UNIT IV**

**08 Hours**

National health intervention programme for mother and child, National family welfare programme, National tobacco control programme, National Malaria Prevention Program, National programme for the health care for the elderly, Social health programme; role of WHO in Indian national program

### **UNIT V**

**07 Hours**

Community services in rural, urban and school health: Functions of PHC, Improvement in rural sanitation, national urban health mission, Health promotion and education in school.

### **Tutorials**

**Teaching hours: 15 Hours**

Tutorials will be based on above syllabus.

### **Suggested Readings<sup>^</sup>:(Latest edition)**

27. Prabhakara GN, *Short Textbook of Preventive and Social Medicine*, JAYPEE Publications, New Delhi
28. Mahajan and Gupta. *Textbook of Preventive and Social Medicine* (Edited by Roy Rabindra Nath and Saha Indranil), JAYPEE Publications, New Delhi
29. Jain V. *Review of Preventive and Social Medicine (Including Biostatistics)*, Jain Vivek, JAYPEE Publications, New Delhi
30. Hiremath Lalita D, Hiremath Dhananjaya. *Essentials of Community Medicine—A Practical Approach*, JAYPEE Publications, New Delhi
31. Park K, *Textbook of Preventive and Social Medicine*, Banarasidas Bhanot Publishers, Jabalpur.
32. Adepu R. *Community Pharmacy Practice*, BSP publishers, Hyderabad.
33. *Research in Social and Administrative Pharmacy*, Elsevier, Netherland
34. WHO Reports (<https://www.who.int/>)

L= Lecture, T= Tutorial, P= Practical, C= Credit

<sup>^</sup> this is not an exhaustive list

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