

## **1<sup>st</sup> Semester**

### **BVSNPT (101) Communication Skills – English – 1 :-**

Students are taught English along with communications skills so that they may be able to speak, read , write, listen, and understand English. This subject makes them presentable in industrial sector as language proficient.

### **BVSNPT (102) Anatomy 1 :-**

This subject teaches the basic structure and organs inside the human body. The subject outcome to the student is that, knowledge of anatomy of the body like bones, joints,muscles etc. will help them in getting the exact diagnosis of the problem in the specific organ where the patient suffers.

### **BVSNPT (103) Physiology 1 :-**

The outcome course helps in understanding the basic mechanism of origin, spreading of disease to various systems. This may help in acquaintance of how to give best accurate treatment to the patient with proper methods like medicine, Physiotherapy etc.

### **BVSNPT (104) Human Nutrition**

This is very important for the human Nutrition which gives the base of the diseases like blood sugar, osteoporosis. These diseases have flooded the population in this decade. These can be prevented by giving the knowledge of proper diet as assistant dietician.

### **BVSNPT (105) Diet and Nutrition for Sports :**

Here the students are taught about the diet of the players and normal person, which they are having for how many times a day. Sametime the energy requirement also in normal situation and in games. So it is interesting for the students to teach clients about diet system.

### **BVSNPT (106) Hospital Management :-**

This course teaches about important things in consideration before working in any Hospital by the Physiotherapist. He/She must know about the Hospital management. This include like Hospital beds, bed mattresses, transference of the patient, walking aids, measuring of blood pressure, Respiratory rate etc.

### **BVSNPT (107) Environmental Science :-**

The Science examines the effect of humans on nature, by applying various sciences towards studying the environment and addressing environmental problems.

### **BVSNPT (108)**

Training is done by students for practical purpose.

## **Second Semester**

### **BVSNPT(201) Communication skills English – 2**

Students are taught English along with communications skills so that they may be able to speak, read , write, listen, and understand English. This subject makes them presentable in industrial sector as language proficient.

### **BVSNPT(202)**

This subject teaches the basic structure and organs inside the human body. The subject outcome to the student is that, knowledge of anatomy of the body like bones, joints,muscles etc. will help them in getting the exact diagnosis of the problem in the specific organ where the patient suffers.

### **BVSNPT(203)**

The outcome course helps in understanding the basic mechanism of origin, spreading of disease to various systems. This may help in acquaintance of how to give best accurate treatment to the patient with proper methods like medicine, Physiotherapy etc.

### **BVSNPT(204) Physiotherapy is Sports :-**

Here the students are taught about the physiotherapy given to the sports players during the games. Main types of injuries like soft tissue injury, ligament injury, bone swelling, fractures are treated by them as professionals. They are taught about improving power, strength and endurance of the skeletal muscles.

### **BVSNPT(205) Ethics in Physiotherapy :**

In short it is judgement call. Ethics in physiotherapy acts as the moral code of conduct that defines the relationship between the therapist and her patient or client. So that the therapist and other healthcare professional works on mutual respect and trust.

### **BVSNPT(206) Electrotherapy – 1 :**

The outcome of this subject is very important for the students of physiotherapy. This is a Full subject which teaches about the electric equipments and their use in giving therapy to the patients. Mastery in the subject will make the physiotherapist succeed.

### **BVSNPT(207)**

Training is done by students for practical purpose.

### **3<sup>rd</sup> Semester**

#### **BVSNPT(301) Food science & Microbiology :-**

The outcome of this subject focuses specifically on issues of food spoilage caused by the presences of food borne pathogens. Students are instructed in methods of sanitation and preservation during food preparation and processing.

#### **BVSNPT(302) Food service management :**

The graduation of this science in this subject programme teaches the needed skills to manage all aspects of a restaurant or food service business. So this type of programme could benefit those who wish to prepare for a career in restaurants, Food service facilities or food distribution services.

#### **BVSNPT(303) Dietitics :**

It focuses on the science of nutrition in order to work out ways in which health conditions such as diabetes and cancers can be prevented.

#### **BVSNPT(304)Diet & Nutrition for sports 2 :**

This type of programme will help to meet the challenges by sports nutritionist facing with athletes. They meet various nutritional issues for athletes like eating healthy foods, energy management, hydration, Pre-exercise eating, recovery weight management & Supplementation etc.

#### **BVSNPT(305) Basic Nursing & First Aid :**

This training programme prepares individuals to deal with common injuries like back injuries and head injuries. Same time nursing contributes to the health services in the hospitals etc. These health services encompasses provision, preventive,curative and rehabilitative aspects of care to sick people when needed.

#### **BVSNPT(306) Exercise therapy 1 :**

The knowledge for physiotherapists, covers the exercise for sedentary and sports player. Also teaches them exercise for patients with various diseases like metabolic diseases,cardiovascular disease, orthopedics etc. which disturb their movement and activity of daily life. This subject includes gait training, stretching, strengthening exercises, resisted exercises and various activites.

#### **BVSNPT(307)**

Training is done by students for practical purpose.

## **4<sup>th</sup> Semester**

### **BVSNPT(401) Catering Management for sports events:**

These events given the examination of sports event management with in the broad field of sport as entertainment. Catering management also gives the monitoring of the quality of the product and service provided.

### **BVSNPT(402) Weight management :**

This subject involves developing meaningful ways to track weight over time and to identify ideal body weights for different individuals like mainly for obese persons. As obesity is a risk factor for many chronic diseases like diabetes, hypertension and cardiovascular diseases.

### **BVSNPT(403)Sports psychology and counseling:**

This subject programme teaches the students that could help the patient with depression, loss of motivation, fear or anxiety by teaching them proper goal setting which would encourage patients to maintain this physical exercise programme. Sports counseling helps athletes with their well being mental functioning and their physical performance.

### **BVSNPT(404) Stress Management :**

Intended outcomes for the course is by assessing and analyzing the symptoms, causes and effects of all types of stressors in order to implement appropriate stress management techniques. And also meet with current needs.

### **BVSNPT(405) Exercise Therapy – 2:**

The knowledge for physiotherapists, covers the exercise for sedentary and sports player. Also teaches them exercise for patients with various diseases like metabolic diseases,cardiovascular disease, orthopedics etc. which disturb their movement and activity of daily life. This subject includes gait training, stretching, strengthening exercises, resisted exercises and various activites.

### **BVSNPT(406) Electrotherapy – 2 :**

The outcome of this subject is very important for the students of physiotherapy. This is a Full subject which teaches about the electric equipments and their use in giving therapy to the patients. Mastery in the subject will make the physiotherapist succeed.

### **BVSNPT(407)**

Training is done by students for practical purpose.

## **5<sup>th</sup> Semester**

### **BVSNPT(501) Computer Application – 1:**

In this Subject the outcome measures that we use in clinical practice are divided into four categories like self report measures, performance-based measures, observer reported measures and clinician-reported measures. This will help making and saving data of the patients as record.

### **BVSNPT(502) Human Nutrition & Metabolism -1 :**

The main aim of physiotherapist is to restore function of multiple body systems. So in some cases they have to play role to reverse and manage life style related conditions with non-pharmacological interventions. So this will help them to provide clinically relevant patient education with long-term health benefits as well as life style behavior changes to improve their general health and physical therapy outcomes.

### **BVSNPT(503) Community Nutrition :**

This subject includes nutritional surveillance, epidemiological studies of diet and also the development, implementation and evaluation of dietary recommendations and goals. So these data will help in intervening the patients.

### **BVSNPT(504) Nutritional problems in India :**

The main purpose to teach this subject is to deal with various nutritional problems like (PEM), V-A deficiency, iron deficiency anemia and iodine deficiency disorders. This deals with nutritional status of children in urban slums in India.

### **BVSNPT(505) Exercise Therapy – 3:**

The knowledge for physiotherapists, covers the exercise for sedentary and sports player. Also teaches them exercise for patients with various diseases like metabolic diseases,cardiovascular disease, orthopedics etc. which disturb their movement and activity of daily life. This subject includes gait training, stretching, strengthening exercises, resisted exercises and various activities.

### **BVSNPT(506) Electrotherapy – 3 :**

The outcome of this subject is very important for the students of physiotherapy. This is a Full subject which teaches about the electric equipments and their use in giving therapy to the patients. Mastery in the subject will make the physiotherapist succeed.

### **BVSNPT(507)**

Training is done by students for practical purpose.

## **6<sup>th</sup> Semester**

**BVSNPT(601) Computer Applications -2:**

In this Subject the outcome measures that we use in clinical practice are divided into four categories like self report measures, performance-based measures, observer reported measures and clinician-reported measures. This will help making and saving data of the patients as record.

**BVSNPT(602) Human Nutrition & Metabolism -2 :**

The main aim of physiotherapist is to restore function of multiple body systems. So in some cases they have to play role to reverse and manage life style related conditions with non-pharmacological interventions. So this will help them to provide clinically relevant patient education with long-term health benefits as well as life style behavior changes to improve their general health and physical therapy outcomes.

**BVSNPT(603) Yoga Therapy :**

This therapy will result in improvement in muscular strength, endurance, flexibility, body awareness , Improved self management of pain. It also reduces stress levels and promote relaxation so that students may help the patients in emotional and physical health issues that accompany our busy modern life styles.

**BVSNPT(604) Naturopathy :**

The science helps to deal with the help of applications of natural therapies. He can apply tools like fasting, nutrition, water and exercise. It includes natural healing practices such as homeopathy, acupuncture and herbal medicine, ozone therapy etc. Naturopathy is the ability to apply natural methods of healing.

**BVSNPT(605) Exercise Therapy – 4:**

The knowledge for physiotherapists, covers the exercise for sedentary and sports player. Also teaches them exercise for patients with various diseases like metabolic diseases,cardiovascular disease, orthopedics etc. which disturb their movement and activity of daily life. This subject includes gait training, stretching, strengthening exercises, resisted exercises and various activities.

**BVSNPT(606) Electrotherapy – 4 :**

The outcome of this subject is very important for the students of physiotherapy. This is a Full subject which teaches about the electric equipments and their use in giving therapy to the patients. Mastery in the subject will make the physiotherapist succeed.

**BVSNPT(607)**

Training is done by students for practical purpose.