



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

**YENEPOYA NATUROPATHY AND YOGIC
SCIENCE COLLEGE**

**PROGRAM OUTCOMES AND COURSE OUTCOMES
UNDERGRADUATE PROGRAM
BACHELOR OF NATUROPATHY AND YOGIC SCIENCES
(B.N.Y.S.)**

ATTESTED

Dr. Gangadhara Somayaji K S
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
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PROGRAM OUTCOMES
BACHELOR OF NATUROPATHY AND YOGIC SCIENCES
(B.N.Y.S.)

PROGRAM OUTCOME (K = Knowledge, S = Skill, A = Aptitude)

PO 1 - Recognize health needs of the community, and carry out Professional obligations ethically keeping in mind the objectives of the National health policy; (K, S)

PO 2 - Develop skills in most of the competencies, and training that are required to deliver the health care system of Naturopathy and Yoga (S, A)

PO 3 - Become aware of the contemporary advances and developments In the discipline concerned; (K, S)

PO 4 - Acquire a spirit of scientific inquiry and get oriented to the Principles of research methodology and epidemiology; (K, A)

PO 5 - Become proficient in their profession by developing a scientific temper and improve educational experience; (K, S, A)

PO 6 - 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; (K, A)

PO 7 - Plan and devise measures in Naturopathy and yoga for the prevention and rehabilitation of patients suffering from disease and disability; (S, A)

PO 8 - Demonstrate empathy and humane approach towards patients and their families and exhibit interpersonal behavior in accordance with the societal norms and expectations; (S, A)

PO 9 - Organize and supervise the chosen/assigned health care services, Demonstrating adequate clinical skills in the clinic/hospital or the field Situation; (S, A)

PO 10 - Work towards realization of “Health for all”, as a national goal through Naturopathy and Yoga; (K, A)

PO 11 - To follow medical ethics and fulfill the social and professional responsibilities as a Naturopathy and Yoga Physician through drugless therapies; (K, A)

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COURSE OUTCOMES
BACHELOR OF NATUROPATHY AND YOGIC SCIENCES
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ANATOMY

- CO 1 - Understand normal human anatomy, Locate and identify body structures including topography of living body;
- CO 2 - Comprehend histological structures of various tissues and organs, co- relate structure and function in order to understand the diseased states;
- CO 3 - Recognize basic structure and connections of the central nervous system, understand the regulation and integration of various organs and systems and be skilled in locating lesion sites according to deficits in diseased states;
- CO 4 - Explain developmental basis of variations and abnormalities with respect to sequential development of organs and systems, teratogens, genetic mutations and environmental hazards.
- CO 5 - Understand clinical basis of some common clinical procedures i.e., intramuscular and intravenous injection, lumbar puncture and kidney biopsy etc.

PHYSIOLOGY

- CO 1 - Explicate the normal functioning of all the organ systems and their interactions for well co- ordinate body function;
- CO 2 - Appreciate the relative contribution of each organ system to the homeostasis;
- CO 3 - Explain the physiological aspects of normal growth and development;
- CO 4 - Illustrate the physiological response and adaptations to environmental stresses;
- CO 5 - List physiological principles underlying pathogenesis and disease management.
- CO 6 - Conduct experiments designed to study physiological phenomena;
- CO 7 - Interpret experimental/investigative data;
- CO 8 - Differentiate between normal and abnormal data from results of tests, which he/she has done and observed in the laboratory.

BIOCHEMISTRY

- CO 1 - Elucidate the molecular and functional organization of a cell and list its sub cellular components;

- CO 2 - Outline structure, function and inter-relationships of bio molecules and consequences of deviation from normal;
- CO 3 - Review the fundamental aspects of enzymology and clinical application wherein regulation of enzymatic activity is altered;
- CO 4 - Illustrate digestion and assimilation of nutrients and consequences of malnutrition;
- CO 5 - Integrate the various aspects of metabolism and their regulatory pathways;
- CO 6 - Explain biochemical basis of inherited disorders with their associated sequelae;
- CO 7 - Describe mechanisms involved in maintenance of body fluid and pH homeostasis;
- CO 8 - Delineate the molecular mechanisms of gene expression and regulation, the principles of genetic engineering and their application in medicine;
- CO 9 - Summarize the molecular concept of body defenses and their application in medicine;
- CO 10 - Outline the biochemical basis of environmental health hazards, biochemical basis of cancer and carcinogenesis;
- CO 11 - Familiarize with principles of various conventional and specialized laboratory investigations and instrumentation analysis and interpretation of a given data;
- CO 12 - Suggest experiments to support theoretical concepts and clinical diagnosis;
- CO 13 - Perform conventional techniques/instruments to perform biochemical analysis relevant to clinical screening and diagnosis;
- CO 14 - Analyse and interpret investigative data.

PHILOSOPHY OF NATUROPATHY

- CO 1 - Elucidate the history of Naturopathy including major contributors to the field and their work;
- CO 2 - Understand the evolution and composition of the human body according to different schools of medicine such as Naturopathy, Yoga, Ayurveda, Homeopathy, Conventional Medicine, etc.
- CO 3 - Firmly establish his/her diagnostic and therapeutic thought processes in the fundamental principles of Naturopathy;
- CO 4 - Understand Naturopathic viewpoints of concepts like hygiene, vaccination, family planning, personal life and prevention of diseases, geriatrics, etc, and implement them in his/her practice
- CO 5 - Understand Principles behind using the diagnostic procedures of Naturopathy, like spinal diagnosis, facial diagnosis, iris diagnosis, and chromo diagnosis.
- CO 6 - Demonstrate knowledge of recent advances and research in Naturopathy principles/ theories.
- CO 7 - Demonstrate basic knowledge of the various therapeutic modalities utilized in Naturopathy;

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CO 8 - Describe the various principles of Naturopathy with respect to the body, health, disease and therapy.

PRINCIPLES OF YOGA

- CO 1 - Explain the various definitions of Yoga, history of Yoga and branches of Yoga ;
CO 2 - Describe kinds of Yogasanas, its importance, methods, rules, regulations and limitations;
CO 3 - Illustrate the various limbs of Ashtanga Yoga;
CO 4 - Demonstrate knowledge of pranayamas, prana and lifestyle, breathing and lifespan.
CO 5 - Demonstrate various types of Yogasanas in their correct method of performance;
CO 6 - Demonstrate different pranayamas.
CO 7 - Explain about the definitions, origin, branches of Yoga.

SANSKRIT

- CO 1 - Demonstrate knowledge of complete Sanskrit script;
CO 2 - Describe kinds of nouns, verbs, pronouns, etc, with examples;
CO 3 - Illustrate kinds of gender, number, and declensions employed in Sanskrit;
CO 4 - Demonstrate skill in pronunciation of different kinds of Sanskrit words, phrases and sentences.
CO 5 - Read and understand Sanskrit with respect to script and basic grammar.
CO 6 - Familiarize themselves with various texts and compositions such as Madhurashtakam, Vaidyakeeyasubhashitasahityam etc;
CO 7 - Speak fluently in Sanskrit after having learnt the various peculiar pronunciations.

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