

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती

(FACULTY OF INTER-DISCIPLINARY STUDIES)

आंतर-विद्याशाखीय अभ्यास विद्याशाखा

P.G. Diploma in Naturopathy & Yogic Science8 Semester – I & II

Syllabus

(NEP - v23)

Session – 2023-24

Sant Gadge Baba Amravati University, Amravati Faculty: Inter-disciplinary studies

One Years – Two Semester Master's Degree Programme – NEP 23
Programme: P.G. Diploma in Naturopathy & Yogic Science (PGDNYS)

Part A

As per the provisions in the Maharashtra Public University Act, 2016 (Mah. Act No. VI of 2017) Clause 45(1), P.G. Diploma in Naturopathy & Yogic Science is to create skilled and learned human resources through its various teaching–learning and skills development programmes in higher education. As a part of this initiative Sant Gadge Baba Amravati University propose to launch One year P.G. Diploma in Naturopathy and Yogic Science programme from the academic year 2021-22 through Department of Lifelong Learning & Extension under the Faculty of Interdisciplinary studies. P.G. Diploma in Naturopathy and Yogic Science is an innovative programme which provides the set up for bringing the real world of work in to classroom and gives the opportunities to learner directly involved in development process in community.

OBJECTIVES OF THE PROGRAMME:

The P.G. Diploma in Naturopathy and Yogic Science programme aims an increasing demand for medicines from traditional system in developing as well as developed countries because of their being into existence since a very long time thereby enjoying the reputation of being both safe and efficacious. Naturopathy is a field of health care that works with and not against standard allopathic health care providers, such as medical doctors. The philosophy of Naturopathy is to work with the body, to assist it in its natural ability to heal and maintain health. Yoga is an ancient art, and a natural way of remaining fit and healthy. It also helps in improving mental health. Treatment are natural and non invasive and include herbal remedies, lifestyle changes, and dietary modifications and in some case other complementary techniques including massage, acupuncture.

- The course will provide deeper insight into the curriculum of yogic science along with the therapeutic applications of yoga and alternative therapies.
- At the P.G. level it is also intended that student should get familiar with the original test of Yoga.
- Promoting positive health in the student through yoga and enabling and imparting skills in them to
 practice and apply yogic practices for health to general public and teach yoga for total personality
 development and spiritual evolution.
- A research attitude and orientation will also be inculcated into the student so that they further become able to undertake advance and applied researches in the field of yoga and alternative therapies.

ELIGIBILITY:

Any Bachelor Degree holder in any faculty of this University or any other statutory University.

Note:

Students those who have passed three years degree of any streams (Faculty) from the recognized statutory University and have completed P.G. Diploma in Naturopathy and Yogic Science (PGDNYS) shall be eligible for the admission of Third semester (Part-II) of M.A. Yogashastra.

DURATION:

The P.G. Diploma in Naturopathy and Yogic Science Programme of full time One year (Two Semesters).

SPECIAL CHARACTERISTICS OF THIS PROGRAMME:

Commitments for learner:

- 1. Student commits that he/she will attend the classes regularly.
- 2. Student commits that he/she will go thoroughly comprehensive learning activities and try out them in scenario of lifelong learning.
- 3. Student commits that he/she will find more information about Lifelong Learning theories on own basis.
- 4. Student commits that he/she will involve Community Learning Programme.
- 5. Student commits that he/she will go thoroughly the methods of teaching learning for adult learner
- 6. Student commits that he/she will find more tools and techniques to teach adult learner.

POs:

Post Graduate Diploma in Yogic Science programme equips students with traditional and modern knowledge, general competence and analytical skills that are required in Schools, Colleges, Hospitals and /or for research o completion of programme it will.

- 1. Train up the students in such a way that they can objectively carry out investigation scientifically without biased or without having any preconceived notions.
- 2. Become professionally trained in hydrotherapy, Mud therapy, Chromo therapy, Diet Management etc.
- 3. Becomes professionally trained in the areas of Asana, Pranayama, Bandha Mudras and Meditation.
- 4. Students will get properly trained in terminology & concepts of Naturopathy & Yoga.
- 5. Developed research problem related to techniques of yoga, its characterisation and naturopathy and its application.
- 6. Demonstrate highest standard of professional behaviour, critical interpersonal and communication skills as well as commitment to Lifelong Learning.

PSOs:

- 1. Understanding the basic concepts of various nature therapies such as hydrotherapy, Chromo therapy, Massage therapy etc.
- 2. Learn how to perform yogic practices and able to teach them in a scientific way.
- 3. Prepare the students to pursue research carrier, carrier in academics, in educational institutions and Nature therapy and allied fields.

EMPLOYABILITY POTENTIAL:

Post Graduate Diploma in Naturopathy and Yogic Science Programme developed the skills particularly the ability to analyze and apply information gives one good head start in any field one wisher to get in. The skills are useful even in the management disciplines. This programme gives a chance to developed their ability to solve problems, communication skills and critical thinking, that helps to interpret rich scientific data and that is always a boon to scientific researchers.

Surly helps one to increase his/ her employability in this filed P.G. Diploma in Naturopathy & Yogic Science (PGDNYS) qualified can easily avail the jobs both in private and public sectors any kind of job related to naturopath and yoga as an online tutor, lecturer, school teacher, research analyst, Yoga Training manager etc. They can apply for jobs in Yoga naturopathy centres, Generals hospital etc.

The cultural and AYUSH Ministry of Govt. Of India also recruit P.G. Diploma in Naturopathy & Yogic Science (PGDNYS) students for teaching jobs. Etc.

P.G. Diploma in Naturopathy & Yogic Science (PGDNYS) students have ample opportunities to be in health care, health fitness centres in most foreign countries.

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Faculty: Inter Disciplinary One Year – Two Semester Post Graduate Diploma Programme – NEPv23 P.G. Diploma in Naturopathy & Yogic Science (PGDNYS) Semester I

Sr. No	Course/Subject	Course/Subject Code	Title of the Course/Subject	(Total Number of Period)	Credit
1	RM and IPR	PGDN101	Research Methodology and Intellectual Property Right	60	4
2	Discipline Specific Core I.I	PGDN102	Applied Naturopathy	60	4
3	Discipline Specific Core II.I	PGDN103	Yoga : History, Theories & Techniques	60	4
4	Discipline Specific Core III.I	PGDN104	Anatomy & Physiology	60	4
5	Discipline Specific Elective I.A Or Discipline Specific Elective I.B	PGDN105A Or PGDN105B	Holistic Health Or Yoga for Health & Wellbeing	60	4
6.	DSC – I. 1 Lab	PGDN106	Practical - I	30	1
7.	DSC – II. 1 Lab	PGDN107	Laboratory Practical	30	1
			Total Cre	dits	22

P.G. Diploma in Naturopathy & Yogic Science (PGDNYS)

Semester II

Sr. No	Code of the Course/Subject	Course/Subject Code	Title of the Course/Subject	(Total Number of Period)	Credit
1	Discipline Specific Core I.2	PGDN201	Applied Naturopathy	60	4
2	Discipline Specific Core II.2	PGDN202	Yoga: History, Theories & Techniques	60	4
3	Discipline Specific Core III.2	PGDN203	Anatomy & Physiology	60	4
4	Discipline Specific Elective II.A	PGDN204A	Holistic Health		4
	Or	Or	Or	60	
	Discipline Specific Elective II.B	PGDN204B	Diet Management		
5.	DSC – I. 2 Lab	PGDN205	Naturopathy Practical	30	1
6.	DSC – II. 2 Lab	PGDN206	Practical – II	30	1
7.	Internship/ Field Projects	PGDN207	Internship/ Field Projects	120	4*
			Total Cr	edits	18+4*

Sant Gadge Baba Amravati University, Amravati.

Faculty: Inter -Disciplinary Studies

One Year - Two Semester P.G. Diploma Programme-NEPv23 P.G. Diploma in Naturopathy and Yogic Science (PGDNYS) Semester I

Sr.No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
1	RM and IPR	PGDN101	Th-Major	Research Methodology and Intellectual Property Right	60	4

Cos

The students would be able to:

- ➤ Identify different Sources of Knowledge, types and paradigms of Research.
- Elucidate meaning, purpose and characteristics of Research.
- > Identify the research gap and formulates the Research Problem.
- > Formulate research Proposal on an identified problem.
- Identify and analyze the research problem along with its specification in terms of objectives, Hypothesis, definitions, limitation and delimitations.
- Analyze the types and methods of Research
- > Illustrate concept of Population and Sampling.

Unit	Content	Period		
Unit I	Introduction			
	Meaning & Definition of Research	12		
	Concept of research			
	Basic steps of research			
	Criteria of good research			
	Type of Research			
	Qualities of a good Researcher			
Unit II	Definition & Meaning of research problem	12		
	Criteria for selection of research problem			
	Review of literature:- Meaning & sources			
Unit III	Hypothesis- Meaning, function and hypothesis; Null/Alternative hypothesis.	12		
	Research Design: Types of research design – exploratory, descriptive,			
	diagnostic and experimental.			
Unit IV	Sampling- Meaning & Types of sampling; Probability & Non-Probability	12		
	Method			
	Types of sampling – Probability & Non-Probability Method			
	Tools and techniques of data collection-questionnaire, schedule, interview,			
	observation, case study, survey etc.			
Unit V	Statistics and its significance in research; Mean, Median, Mode	12		
	Research Report			
	Introductions to Intellectual Property right			
	Plagiarism-Concept and significance of plagiarism.			

Reference Books:

- 1. Statistics for Psychology J. P. Varma Tata McGraw Hill Education Private Limited New Delhi
- 2. Research Methods applied Health,
 Physical Education and Recreation
 2nd, Washington, D.C., AAHPERD,

1959

- 3. Manual for Writing of Research papers, thesis and Dissertation
- 4. Research in Education
- 5. Methods of Research Educational
- 6. Psychological and Sociological
- 7. Introduction to Research
- 8. Principles and practices
- 9. The Elements of Research
- 10. Research in Physical Education

- Scott, G.M. (Ed): -
- Turabian, Kate. L.A. Chicago University of Chicago Press, 1967
- Best, John, W. Cliffs. N. J., Prenctice Hall Inc. 1964
- Good Cater, V. & Douglas, E.S. Carts New
- York, Appleton Cent, Crofts, 1954
- Hilway, Tyrus Boston, Houghton Mifflin Co. 1956
- Indian Educational Pub;
 - Whiteney, F.L.: New York Prenctice
- Hall Inc. 1961.
- Clarke. H.

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
2	DSC-I.1	PGDN102	Th-Major	Applied Naturopathy	60	4

Cos

- Able to integrate knowledge and skills in food and nutrition with professional issues affecting the nutrition and/or dietetics fields.
- Able to apply knowledge of fasting can safely and successfully be implemented in an impatient integrative medicine concept and its perceived as help promoting method
- Apply the knowledge that massage therapy on various parts of the body will help the person to regain his health
- Apply the knowledge of Chromo-therapy can be used for pain management such as joint and back pain, sore or torn muscles, sprains, arthritis, post-surgical scars, burns, wounds and more. When used in conjunction with infrared light, chromo-therapy is one of the most effective and noninvasive ways to repair the body.

Unit	Content	Period
Unit I	Content History of Naturopathy Contribution in naturopathy Father Sebastian kenp Mahatma Gandhi Vinoba Bhave Contribution of various centres in Naturopathy National institute of Naturopathy (NIN) Urali Kanchan, Pune	Period 12
	3. Morarji Desai National Institute of Yoga (MDNIY), Delhi.	
Unit II	 10 basic principal on Naturopathy Concept of Panchmahabutas Properties of water, air, mud, sun & sky 	12
Unit III	 Science of Facial Expression Foreign matter theory- Definition and formation of foreign matter Accumulation of foregn matter, liquids and solids dry and gaseous form Course of accumulation of foreign Matter . Elimination of foraign matter and how to increase the vitality 	12
Unit IV	Hydrotherapy • Therapeutic significance actions and uses of hydrotherapy • Internal use of irrigation, external use of various bath, packs (lapet) Introduction of pool therapy	12
Unit V	 Mud therapy General principals of mud therapy Types of mud Mud bath dry and wet mud bath Therapeutic action and use of mud 	12

Reference Books:

1) Science of nature life Dr. Bansal 2) Davas nature guide Dr. Davas 3) Baths Dr. S.J Singh 4) My water care Stevenson kneip 5) The healing clay Michael Abserrsa 6) Ore Earth and cure Raymond Dextroial 7) Hydrotherapy in practice Davis BC and Harrison R.A. 8) My nature care M.K Gandhi 9) Massage therapy Dr J H Kellog 10) Step by step massage Carol MC Gilvery and Gini reed 11) जल चिकित्सा डॉ. ओझा 12) जल चिकित्सा डॉ नागेंद्र कुमार नीरज 13) ब्रुहद प्राकृतिक चिकित्सा डॉक्टर ओम प्रकाश सक्सेना 14) मालिश द्वारा रोग उपचार एवं सौंदर्य - मनोज पब्लिकेशन 15) प्राकृतिक आयुर्विज्ञान - डॉ. बंसल

Sr.No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
3	DSC-II.1	PGDN103	Th-Major	Yoga : History, Theories & Techniques	60	4

Cos

- > Apply the knowledge of various modification of mind and the means of inhibiting them.
- > Get knowledge of essence of schools of Yoga, Sankhya Philosophy & Hathyoga
- > Apply the knowledge of essence of Samadhi and Sadhana Pada.
- > Apply the knowledge of essence of Vibhuti and Kaivalya pada.

Unit	Content	Period
Unit I	 Yoga Yoga: Definition & historical Background. Aims & Objectives of Yoga. Mis-Conceptions of Yoga. 	12
Unit II	Schools & concept of Yoga	12
Unit III	 Patanjala Yoga Sutra Introduction of different Padas (Samadhi, Sadhana, Vibhuti, Kaivalya) Concept of Chitta: Chitta-Bhumis, Chitta Vrittis, Abhyasa, Vairagya, Chitta Vikshepas, Chitta Prasadanam, Sahabuhas Ashtanga Yoga: Concept of Yama, Niyama, Asana, Pranayama, Pratyahara, Dharana, Dhyana, Samadhi. Concept of Kriyayoga and Pancha kleshas 	12
Unit IV	 Concept and historical background of Hathyoga Hathapradipika: Concept of chaturang Yoga, Yogakuti, Mitahara, Sadhak-Bandhak, Tattva, Nada, Kudalini 	12
Unit V	Gheranda Samhita Concept of saptang Yoga Method of cleansing technique of body (Shatkarma) concept of bandha, Mudra	12

- 1. Samputra Yog vidya Rajeev jain, mangal Publication House Pvt. Ltd Bhopal
- 2. Patanjal Yog-Sutra Dr. P.V. karambelkar, kaivalyadhama, Lonawala
- 3. Light on the yoga sutra of Patanjali B.K.S. Iyengar,
- 4. Hatha Yoga Pradipika Swami Mukti bodhanada, Yioga Publication Trust Munger, Bihar, India.
- 5. Bhartiy Darshan ki Rupreksha Prof. Herendra Sinha
- 6. Aasana, Pranayama Mudra bandha Swami Satyananda Sarswati
- 7. Gherand smhita Swami Niranjananda Saraswati
- 8. Bhagwatgita (As it is) ISKON

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
4	DSC-III.1	PGDN104	Th-Major	Anatomy & Physiology	60	4

Cos

After completion of the course the student can able to understand

- Able to understand the knowledge of human anatomy and physiology of cell structure
- > Identify and explain structure and functions of each body system.
- > Able to discuss disease, disorders and conditions commonly found in Healthcare occupation.
- > Able to demonstrate principle alignment in different Asanas.
- Able to understand various physiological process in the body

Unit	Content	Period
Unit I	Introduction	12
	Introduction to human body with reference of Anatomy and Physiology	
	Study of cell-structure, different component of cell and their functions.	
	Study of Tissues- Epithelial, connective, muscular and nervous.	
Unit II	Musculoskeletal System Introduction of Skeletal System Function of Skeletal system Types of joints, composition of bone & types of bones Types of movements Vertebral column of Human body Introduction of muscular system, types of muscles Tone, Fatigue Circulatory System Structure and function of Heart and blood vessel, cardiac cycle, Blood pressure composition of blood, blood cells, function of blood,	12
Unit IV	blood grouping. Respiratory System	12
Cint I v	Structure and functions of organs of respiratory system, mechanism of Respiration. Exchange of gases and oxygen transportation.	12
Unit V	Digestive System	12
	• Structure and functions of organs of Digestive system, mechanism and stages of Digestion	

Reference Books:

1) Anatomy and Physiology for Nurses - Shri. Nandan Bansal.

2) Manav Sharir Rachana Yevam Kriya Vidnyan - Prof. Dr. Anant Prakash Gupta.

3) Human Anatomy and Physiology
 4) Anatomy and Physiology of Yogic Practices
 5) Sharir Rachana Yevam Kriya Vidnyan
 Dr. Wivek Sathe.

Sr.No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
5	DSE-I.A	PGDN105A	Th-Major Elective	Holistic Health	60	4

Cos

- Able to develop a scientific point of view of health with reference to traditional and modern concept of health
- Able to identify health problems and understand their own role on health.
- Understand the basic principles of stress management. Recognize your stress triggers and how to manage them.
- > Able to Demonstrate effective counseling skills with individuals (adults and children) couples families and or groups
- > Able to apply the knowledge of yoga therapy in recovering the common health related complications

Unit	Content	Period
Unit I	Health	12
	 Meaning and concept of Health 	
	 Concept of Health according to Who and AYUSH 	
	 Characteristics of healthy individual 	
	Factors influencing Health	
Unit II	Mental Health	12
	 Interdiction to mental Health 	
	 Mind and consciousness 	
	Personality & its types	
Unit III	Stress Management	12
	 Stress Definition, types & views 	
	 Effects of stress on Human Physiology 	
	Stress related disorders	
Unit IV	Counselling	12
	 Introduction & definition of Counselling 	
	Types of counselling	
	 Methods of Counselling 	
	Characteristics of counsellor	
Unit V	Therapy	12
	 Concept & types of Therapies 	
	 Yoga Therapy – Principles, Rules & Characteristics 	
	Disease specific yoga therapy	

- 1. Managing Stress
- 2. Key to Health
- 3. Yoga Therapy in management of Stress
- 4. Yoga for Stress Relief
- 5. Yogic Therapy –Its Basic Principles & Methods
- 6. Swadhay and Yoga Therapy
- 7. Paramrsha Manivighyana
- 8. Nirdeshana Yevam Paramarshan

- Shrivastava H.S.
- M.K. Gandhi
- Dr. S.V. Karandikar
- Thakur, Bharat
- Kuvalayananda Swami & S.L. Vinekar
- Dr. Waze , Pune
- Dr. Vimal Agrawal
- Amarnath rai & Madhu Astana

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
5	DSE-I.B	PGDN105B	Th-Major Elective	Yoga for Health & Wellbeing	60	4

Cos

- ➤ Able to apply concept of Yoga and Consciousness
- Able to provide understanding and implementation of vasuadhaiva kutumbakam.
- Explain various methods of yoga with respect to the body, health, disease and therapy

Unit	Content	Period
Unit I	Introduction	12
	What is Yoga	
	Brief history and development of Yoga	
	The Fundamentals of Yoga	
	Traditional schools of yoga	
	Yogic practices for Health & wellness	
Unit II	Meaning & concept of Vasudhaiva Kutumbhakam	12
	Utility of Vasudhaiva Kutumbhakam in 21 st Century	
	Prayer for mental peace	
	Asanas for physical and mental wellbeing	
Unit III	General Guideline for Yoga Practice	12
	Before Practice	
	During Practice	
	After Practice	
	B) Prayer	
	C) Loosening Practices: Neck Bending, Trunk Movement,	
	Knee Movement	
Unit IV	Yogasana	12
	A) Standing postures: Tadasana, Vrikshasana,	
	Pad-hastasana, Ardha- Chakrasana, Trikonasana B) Sitting Postures: Bhadrasana, Ardha Ushtrasana	
	Shasankasana , Vakrasana	
	C) Prone Postres: Bhujanagasana, Shalabhsana,	
	Makarasana	
	D) Supine Postures: Setu Bandhasana, Pavanamuktasana,	
	Shavasana	
Unit V	A) Kapalabhati	12
	B) Pranayama: Nadisodhana or Anuloma Viloma,Bhramari	
	C) Dhyana	
	D) Sankalpa	
i	E) Shanti Patha	

- 1. Common Yoga Protocol Morarji Desai National Institute of Yoga, New Delhi
- 2. Yogasane Dr. P. D. Sharma
- 3. Anatomy and Physiology of Yogic Practices Dr. M.M. Gore
- 4. Bhagawatgeeta Iskon
- 5. Yoga therapy: Swami Kuvalyanand & Dr. Vinegar, Lonavala

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
6	DSCI.1 Lab	PGDN106	Pr-Major	Practical - I	30	1

Cos

- > Able to explain the concept of Yoga and Consciousness
- Able to apply knowledge of various methods in yoga with respect to the body, health, disease and therapy.

Unit	Content	Period			
Unit I	Yogic Sukshma and Sthul vyayama and Suryanamskar	6			
Unit II	Standing:- Utkatasana, Tadasana, Vrukshasana,	6			
	Trikonasana, Garudasana, Vatayanasana				
	Sitting Asana:- Vakrasana, Mandukasana, Ushtrasana,				
	Padmasana, Siddhasana, Vajrasana,				
	Gaumukhasana,				
	Prone Position: - Makarasana, Bhujangasana, Shalbhasana,				
	Dhanurasan.				
	Supine Position:-Pawanmuktasan, Stubandhasan, Halasan,				
	Srawangaasan,				
Unit III	Shtkarma	6			
	Neti :- Jalaneti, Sutraneti				
	Dhauti :- Vamana, Vastra, Danda				
	Tratak ;- Samip, SadurNauli :- Vama Nauli, Dakshin Nauli,				
	Madhya Nauli, Nauli chalana				
	Kapalbhati :- Shitkram, Vyutkram, Vatkram				
Unit IV	Bandha – Mudra	6			
	Jalandhar Bandha, Uddiyana Bandha, Mool Bandha, Maha				
	Bandha, Yoga Mudra, Bramha Mudra, Simhamudra, Viparit				
	Karni, Kaki Mudra, Nabho Mudra, Khechari Mudra, Shambhavi				
	Mudra.				
Unit V	Pranayama:	6			
	Nadishodhana, Bhramari, Bhastrika, Shitali, Shitkari,				
	Suryabhedan				

- 1. Common Yoga Protocol Morarji Desai National Institute of Yoga, New Delhi
- 2. Yogasane Dr. P. D. Sharma
- 3. Anatomy and Physiology of Yogic Practices Dr. M.M. Gore
- 4. Bhagawatgeeta Iskon
- 5. Yoga therapy: Swami Kuvalyanand & Dr. Vinegar, Lonavala
- 6. Asanas: Swami Kuvalyanand, Kaivalyadham, Lonalwala.
- 7. Pranayama: Swami Kuvalyanand, Kaivalyadham, Lonalwala.
- 8. आसन, प्राणायाम, बंध- मुद्रा , स्वामी सत्यानंद

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
7	DSC-II.1 Lab	PGDN107	Pr-Major	Laboratory Practical	30	1

Cos

- > Apply knowledge for how to handle various laboratory Apparatus properly.
- > Able to examine the person properly.
- > Able to understand the importance of laboratory reports & how to read the report.

Unit	Content	Period
Unit I	Examination of height weight and BMI	6
	Examination of pulse	
Unit II	Examination of pallor and Ecterus	6
	Use of spirometer	
Unit III	Use of stethoscope	6
	Use of Sphygmomanometer	
Unit IV	Study of Microscopic slides of Human tissue and Human Parts.	6
Unit V	Study of Blood reports like CBC, Thyroid Function Test and	6
	urine analysis	
	urine analysis	

Reference Books:

1) Anatomy and Physiology for Nurses - Shri. Nandan Bansal.

2) Manav Sharir Rachana Yevam Kriya Vidnyan - Prof. Dr. Anant Prakash Gupta.

3) Human Anatomy and Physiology
 4) Anatomy and Physiology of Yogic Practices
 5) Sharir Rachana Yevam Kriya Vidnyan
 Dr. M.M. Gore.
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Faculty: Inter - Disciplinary Studies

One Year - Two Semester P.G. Diploma Programme-NEPv23 P.G. Diploma in Naturopathy and Yogic Science (PGDNYS) Semester II

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
1	DSC-I.2	PGDN201	Th-Major	Applied Naturopathy	60	4

Cos

- > Enrich the knowledge to integrate knowledge and skills in food and nutrition with professional issues affecting the nutrition and/or dietetics fields.
- Enrich the knowledge, fasting can safely and successfully be implemented in an impatient integrative medicine concept and its perceived as help promoting method
- Able to apply knowledge that massage therapy on various parts of the body will help the person to regain his health
- > Enrich the knowledge of Chromo-therapy can be used for pain management such as joint and back pain, sore or torn muscles, sprains, arthritis, post-surgical scars, burns, wounds and more. When used in conjunction with infrared light, chromo-therapy is one of the most effective and noninvasive ways to repair the body.

Unit	Content	Period
Unit I	Sun Light Therapy	12
	A. Principal of Sun Light Therapy	
	B. Physiological & chemical properties of Sunlight, Effect of Sunlight in curing	
	disease.	
	C. Sun bath :- Sun gazing, General Sun bath, sun bath through Wet pack, leaves	
	(atapsnana),Oil (Abhyangasnan), Sunbath for Children and Aged persons.	
	D. Principal of chromotherapy and healing power of VIBGYOR	
Unit II	Nutrition	12
	A. Nutrition - history and importance of nutrition	
	B. Concept of :- Hita, Mita ,Rita :- Satvik, Rajasik,Tamasik aahar	
	C. Nutritional deficiency, there prevention and control.	
	D. Naturopathic approach towards vegetarian and non vegetarian food.	
Unit III	Massage	12
	A.T. I. C. O.T.	
	A. Introduction and history of Massage. B. Rules, regulations and characteristics of Massager.	
	C. Effects of pressure of hands and lubricants of following system : Skin, Muscular	
	System, Ligaments, Skeletal System, Circulatory and Nervous System.	
	D. side effect of massage and their solutions.	
Unit IV	Fasting	12
	A. Philosophy of therapeutic fasting	
	B. Theory of fasting and starvation, difference between fasting and starvation,	
	Hunger and Appetite.	
	C. Methods of fasting for therapeutic	
	D. Curative impact of fasting on various disease	
Unit V	Disease and treatment through Naturopathy	12
	A. What is disease; curative factors of diseases	
	B. classification of diseases :- Spiritual, Mental and Physical. Characteristics of	
	Therapist	
	C. Naturopathy centre and its structure.	

Reference Books:

1) The principles of light and colour Dr. Ed Babbitt 2) Colour therapy R.S. Amber 3) Diet and nutrition Dr. Elizabeth Evans 4) Fasting for healthy long life Hereward world 5) Science of nature life Dr. Bansal 6) सूर्य किरण चिकित्सा हरिओम गुप्ता 7) प्राकृतिक आयुर्विज्ञान डॉक्टर बंसल 8) उपवास चिकित्सा रामचंद्र वर्मा 9) आहार एवं पोषण संजय पब्लिशर 10) प्राकृतिक आयुर्विज्ञान डॉ बंसल 11) सूर्य किरण चिकित्सा डॉ मोहनलाल कठोतिया

Sr.No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
2	DSC-II.2	PGDN202	Th-Major	Yoga : History, Theories & Techniques	60	4

Cos

- > To provide understanding of hathayoga, concept & into science.
- > Apply knowledge for physiological effects of Asanas on body postures.
- Apply knowledge for Bandhas and Mudras with their effects on the body
- > Apply knowledge for importance of yoga in stress management
- > Apply knowledge for communication skill for teaching.

Unit	Content	Period
Unit I	Concept of Shatchakra and Kundalini.	12
	Importance and Need of Yoga Education.	
	Characteristics of Yoga Teacher.	
Unit II	Significance of Prayers and Shantipaths.	12
	Significance of Mantrajapa for Chittashuddhi.	
	• Significance of PranavJapa (Om).	
	Importance of Pranayama.	
Unit III	Physiological significance of Body Postures.	12
	Physiological significance of Meditative Postures.	
	Aims of Yogic Postures.	
	Guidelines for Yogic Practices.	
Unit IV	Role of Shodhan kriyas in Health and Hygiene.	12
	 Effect of Yogic Practices in various digestive disorders. 	
	 Effect and benefits of Bandha & Mudra's. 	
	Stress Management through various Yogic Methods.	
Unit V	Communication skills	12
	Knowledge and Demonstration ability, Describing the yogic	
	practice to Individuals, Pairs and group.	
	 Daily teaching plan and Curse Schedule, Questions- Answers 	
	Feedback	

Reference Books:

1) Yoga for the Digestive system — Dr. Swami Shankar devavnanda

2) Lights on Pranayama – B.K. S. Iyengar

3) Yogic Management of Common Diseases — Dr. Swami Karmanada

4) Kundalini Yoga — Swami Satyananda Saraswati

5) Surya Namskar – Swami Satyananda Saraswati

6) Rog Aur Yoga — Dr. Karmananda Saraswati

7) Yoga Nidra - Swami Satyananda Saraswati

8) Prana and Pranayama - Swami Niranjananada Saraswati

Sr.No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
3	DSC-III.2	PGDN203	Th-Major	Anatomy & Physiology	60	4

Cos

After completion of the course the students can able to explain,

- Basic concept of Anatomy and Physiology.
 Able to identify and explain the structure and functions of each body system.
- > Demonstrate the principle of Alignment as asana.

Unit	Content	Period
Unit I	Endocrine System	12
	• Various endocrine glands with their hormone secretions, Mechanism of action of Hormone, Physiology of Diabetes and stress hormones.	
Unit II	Nervous System	12
	Structure and types of neuron	
	Central nervous System-brain and spinal cord	
	Peripheral Nervous system.	
	Autonomous nervous system	
Unit III	Excretory system	12
	Urinary organs-structure and function	
	Anatomy & Physiology of kidneys	
	Structure and function of Nephrons	
	Mechanism of urine formation	
Unit IV	Sense organs	12
	Structure and function of eye, skin, rar, nose and Tongue, Physiology of	
	different sense organs	
Unit V	Reproductive System	12
	Puberty, Male reproductive system, Female reproductive system,	
	Menstrual cycle changes during Pregnancy.	

Reference Books:

1) Anatomy and Physiology for Nurses Shri. Nandan Bansal.

2) Manav Sharir Rachana Yevam Kriya Vidnyan Prof. Dr. Anant Prakash Gupta.

3) Human Anatomy and Physiology B.D. Chourasiya. 4) Anatomy and Physiology of Yogic Practices Dr. M.M. Gore. 5) Sharir Rachana Yevam Kriya Vidnyan Dr. Vivek Sathe.

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
4	DSE-II.A	PGDN204A	Th-Major Elective	Holistic Health	60	4

Cos

- > Able to apply the basic principles physiotherapy on human body.
- ➤ Able to apply knowledge of the five great elements
- > Able to apply the knowledge of Tri Dosha and how they affect the disease process
- ➤ Able to explain basic knowledge of Ayurvedic physiology
- ➤ Able to Identify the critical anatomical features of the body, with special detail concerning the anatomy of acupuncture points, and describe the basic concepts of biomedical physiology.

Unit	Content	Period
Unit I	Physiotherapy	12
	Concept and principles of Physiotherapy.	
	Aims and Objectives.	
	Physiotherapy practices without equipment.	
	Electrotherapy : Introduction and uses	
Unit II	Ayurveda and Panchakarma	12
	Introduction and concept of Ayurveda and Panchakarma.	
	Concept of Tridosha, Trimala, Triguna, Sapta Dhaatu.	
	Treatment modalities in Panchakarma	
Unit III	Acupressure	12
	Definition and Basic concepts of Acupressure.	
	Theories of Acupressure (yin & yang Five element theory).	
	Measurements in Acupressure Therapy : Location and Indications of	
	Meridian points.	
	• Importance of EFT in Acupressure.	
Unit IV	Sujok Therapy	12
	Introduction and history of Sujok	
	Elementary theories of Sujok .	
	Treatments through Magnets, Seeds, Colour, Moxibustion, Mudra.	
Unit V	Magnet Therapy	12
	The history of magent therapy. Theory of magnet therapy	
	• Effect of magnet therapy, the principles of applying magent for treatment.	
	The selvantages of magent therapy.	
	 Magnetized water, magnetized milk, oil. 	

1.	Clinical Acupuncture	- Dr. Anton Jaisuriya
2.	Clinical Acupuncture	- Dr. Agrawal
3.	Su-Jok	- Park jae woo
4.	Thumb is Head	- Park jae woo
5.	Emergency Su-jok	- Park jae woo
6.	Charak Samhita	- Maharishi Charak, Maharishi Agnivesh
7.	आयुर्वेदा सर्वांसाठी	- वैद्य खडीवाले
8.	चरक संहिता	– महर्षी चरक, महर्षी अग्निवेष
9.	ॲडवान्स ॲक्युपंक्चर	- डॉ. अर्जुन अग्रवाल , डॉ. गोविंद शर्मा

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
4	DSE-II.B	PGDN204B	Th-Major Elective	Diet Management	60	4

Cos

- Able to apply the knowledge of Diet Management.
 Able to explain fundamental of nutrition with respect to different nutrients and food groups.
- > Able to classify morden nutrition to tradition naturopathic diet.

Unit	Content	Period
Unit I	Concept of health in naturopathy	12
	Definition of diet, nutrition and nutrient	
	Nutrition deficiency disease, preventive and curative approach	
Unit II	• Types of Diet – (Balance, Eliminative soothing	12
	Importance of diet and nutrition in Ayurveda	
	Effects of Rajsic, Tamsik, SatvikAhar on Physiology	
Unit III	Importance of	12
	Green Vegetables	
	Fruits	
	• Spices	
Unit IV	Sprouts and their nutritive value and methods of sprouting	12
	Food values in Raw State, Germination form and Cooked form	
Unit V	Comparison with Raw and Cooked food	12
	Non vegetarian diet : Positive and Negative aspect in	
	Naturopathy	

- 1. Food and Nutrition Gupta.
- 2. Morden Nutrition in health and disease. –Shils.
- 3. The sprouting book An Wignoro
- 4. Essential of food and nutrition Swami Nathan.
- 5. Normal & Therapeutics nutrition Corinne H. Robison
- 6. चरक संहिता - महर्षी चरक, महर्षी अग्निवेष

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
5	DSC-I.2	PGDN205	Pr-Major	Naturopathy Practical	30	1

Cos

- > Able to get knowledge about fundamental principles of Naturopathy
- > Able to get knowledge about nature cure principles of different diseased condition.
- > Able to get knowledge to understand the Therapy techniques given in Naturopathy for different ailments

Unit	Content	Period			
Unit I	nit I Packs ,Baths				
	Leg Pack ,Wetsheet Pack, Local Pack, Trunk Pack				
	Hip Bath, Spinal Bath, Sitz Bath Immersion Bath, Foot Bath				
Unit II	Mud	6			
	Types Of Mud, Pack, Full Mud Bath, Local Mud Application, Poltis				
Unit III	Sunlight Therapy	6			
	Sungazing Solarisation In Water, Glycerine, Sugar, Milk, Oil.				
Unit IV	Massage	6			
	Types And Techniques Of (Touch ,Percussion, Friction ,Kneading, Vibration,				
	Rolling, Stroking, Mixed Movements)				
Unit V	Air Bath, Vapour Bath ,Steam Bath	6			

Reference Books:

1. Science of Nature life - Dr. Bansal
2. Dava's nature guide - Dr. Dawas
3. Baths - Dr. S. J. Singh
4. प्राकृतिक आयुर्विज्ञान - Dr. Bansal

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
6	DSC-II.2	PGDN206	Pr-Major	Practical - II	30	1

Cos

- ➤ Able to demonstrate knowledge about various Mudras and Bandhas
- > Able to demonstrate knowledge about Mudras and Bandhas for different diseased condition.
- > Able to demonstrate knowledge the therapeutic aspect of Mudra and Bandhas

Unit	Content	Period
Unit I	Bandha	6
	Jalandhar bandha, Mul bandha, Udyan bandha, Mahabandha	
Unit II	Mudra	6
	Brahama Mudra ,Simha Mudra Viprit Karni Mudra, Nabho Mudra, Khechari	
	Mudra ,Shambhavi mMudra, Sanmukhi Mudra.	
Unit III	Mind relaxation techniques	6
	Om chanting, Meditation	
Unit IV	Cleansing technique	6
	Laghu Shankh prakshalan	
Unit V	Relaxation techniques	6
	Yog nidra	

- 1. आसन, प्राणायाम, बंध- मुद्रा स्वामी सत्यानंद
- 2. Asanas: Swami Kuvalyanand, Kaivalyadham, Lonalwala.
- 3. Pranayama: Swami Kuvalyanand, Kaivalyadham, Lonalwala
- 4. Hathapradipika -Swami Swatmaramji

Sr. No.	Subject	Code Of the Subject/Course	Type of Course	Title of the Course/Subject	Total Number of Periods	Credit
7	Internship / Field Projects	PGDN207	Related to Major	On Job Training, Internship / Field Projects	120	4*

Note: On Job Training, Internship/ Apprenticeship; Field projects Related to Major (During vacations of Semester I and Semester II) For duration of 120 hours, it is mandatory to all the students, to Internship complete during vacations of Semester I and/or II. This will carry 4 Credits for learning of 120 hours. Its credits and grades will be reflected in Semester II credit grade report.

An internship is an opportunity offered by one institution to potential students or students of class undergoing a training / professional programme in the institution, either in any one or both semesters in the final year or after the end of the final semester of the programme usually. It provides students with a period of practical experience in the institution relating to their field of study. The experience is valuable to students as a means of allowing them to experience how their studies are applied in the "Real World" and as a work experience that can be highly attractive to employers on candidate's CV.

It further determines if they (interns) have an interest in a particular career, create a network of contacts and credits, ultimately putting themselves for forthcoming opportunities for period work.

Here, particularly the programme of Post Graduate Diploma in Naturopathy and Yogic Science internship refers to an exchange and extending of services for professional experience to be continued for 120 hours in a hospitals/Naturopathy college/organization, so that as experienced interns when they begin regular employment, such work experiences during this period of internship, the intern is expected to use the things/technique he /she has learned in the institution and put them in to practice thus the students gain with experience in this field of study. It would be a mandatory part of the completion of the said programme.

Assessment of Internship:

- 1. During the internship period the intern shall maintain a case report of at least five patients.
- 2. Intern should complete his or her internship in any Naturopathy centre or Naturopathy Hospital, residential schools, Wellness Centre, Panchakarma Centre NGOs and any Institutions working for health awareness.
- 3. The intern shall examine the patient maintain complete case record of the patient.
- 4. The intern shall suggest proper Naturopathy treatment to the patient.
- 5. Counselling of patient, diet and proper Naturopathy lifestyle should be suggested by the intern to the patient.
- 6. The intern shall conduct practical yoga session regularly for the patient.
- 7. File has to be prepared and maintain with an index of all 5 case records with at least three follow up sessions.
- 8. A file should be submitted to supervisor after duly signed by administrator of the Naturopathy organisation countersigned by the Co-ordinator or concerned teacher before 10 days of 2nd semester final exam in 4 copies.
- 9. The intern shall show their sincerity and dedication and discipline while carrying out the concerned work.

Note-

A compiled file with an index having recorded the duty discharge by the intern be maintained accordingly, which shall be signed by Naturopathy personal, administrator of the institution or Hospital followed by the counter signed by Co-ordinator of the program ultimately it has to be endorsed by the head of the Department of the program.

Presentation of report of Internship:-

An examinee has to face and answer the questions asked by the examiner in the form of Viva-Voice with regards to personal and Technical preparations for internship and experience is gained during internship.