## University of Patanjali,

Haridwar, Uttarakhand.

**Bachelor of Naturopathy and Yogic Sciences (B.N.Y.S.)** 

**Syllabus of BNYS** 





#### INTRODUCTION

Patanjali Yogpeeth has been established on dated 4/2/2004, to promote the traditional knowledge of Vedic system of health and healing. The common masses have accepted and realized the efficacy of Indian traditional systems of Yoga, Naturopathy and Ayurveda. Especially, the integrated approach to overcome the Corona Pandemic Crisis. The Mother Nature has all resources to maintain health and harmony of all the living organisms in this world. But we, human beings in the name of civilization, modernization and technical advancement, adopted and habituated to unnatural lifestyle and going against Natural Laws of Health. In this Era of Modernization, the prevalence of psychosomatic disorders, Infections and Auto immune diseases are in rage and losing the Innate Immunity.

The demand for traditional and integrated methods towards health and healing has been increased. Therefore, Param Pujya Swami Ramdevji and Param Shraddey Acharya Balkrishna ji have given the clarion call "BACK TO NATURE" and propounded to promote traditional and integrated therapeutic academic program. University of Patanjali established Faculty of Naturopathy and Yoga Science, under which 6 years BNYS medical UG program started. The main objective to start BNYS medical degree course is to blend Indian culture, heritage, traditional knowledge of Naturopathy, Yoga Philosophy & Practices with an integrated approach in medical science.

First BNYS is divided into 2 parts BNYS 1<sup>st</sup>A of 6 months consists of Physics, Chemistry, Biology and Sanskrit & BNYS 1<sup>st</sup>B 1 ½ year duration, and consists of pre-clinical subjects that describe about Yoga and Naturopathy principles, Human Anatomy, Physiology, Biochemistry, Philosophy of Nature cure, Fundamental principles of integrated system of medicine 1<sup>st</sup> and 2<sup>nd</sup>, Philosophy and Practice of Yoga and Sanskrit. Second BNYS is one year duration consisting Para-clinical subjects like – Pathology, Microbiology, Community Medicine, Basic Pharmacology, Yoga and Physical Culture-I, Diagnostic Method in Yoga & Naturopathy, Fundamental principles of integrated system of medicine 3<sup>rd</sup> and Modern Diagnostic Methods. Third BNYS is of one year duration and consists of Para-clinical and Yoga – Naturopathy clinical subjects include Porensie Medicine and Toxicology, Fundamental principles of integrated system of medicine 4<sup>th</sup>. Manipulative Therapy, Community Medicine, Yoga & Physical Culture II, Nutrition & Herbology, Psychology & Basic Psychiatry and Obstetrics & Gynecology. Final or 4<sup>th</sup> BNYS is of one year duration, and consists of intense clinical subjects like Yoga Therapy, Hydrotherapy & Claytherapy,

Fasting & Diet therapy, Chromotherapy & Magnetotherapy, Physiotherapy, Acupuncture, Acupressure, Reflexology Pranic healing & Reiki, Fundamental principles of integrated system of medicine 5<sup>th</sup>, Minor Surgery, First aid and Emergency Medicine and Hospital Management.

To procreate competent Naturopathy physicians, Board of studies of Naturopathy and Yoga science & Academic council of Patanjali University, with the approval of Revered Yog Rishi Pujya Swami Ramdevji and Ayurveda Shiromani Pujya Acharya Balkrishnaji restructured the BNYS course syllabus and admission criteria. Yoga being one of the core subjects in BNYS, all Yoga Sutras explained in the Sanskrit language. To retain the real meaning and convey the complete essence of each sutra, The August management of University of Patanjali initiated the reforms in BNYS admission criteria by allowing few percentages of seats to the students with Sanskrit and other streams of +2. For such students the **University of Patanjali** is conducting 6 months bridge course. **This is in similarity to pre-tib course in Unani Medicine**. In this bridge course, students study all subjects of Science and Sanskrit language. The bridge course isprerequisite and designed to fill the gap between science and arts students to get admission into BNYS under University of Patanjali.

In view of new regulations from UGC, University of Patanjali also revised the BNYS course on CBCS exam pattern and also bought uniformity in duration and course contents from 1stBNYS to 4th BNYS course curriculum.

#### **GOALS OF BNYS COURSE**

- 1. Recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the National Health Policy
- 2. Develop the skills in most of the competencies and training that are required to deliver the Naturopathy and Yoga health care system
- 3. Become aware of the contemporary advances and developments in the discipline concerned;
- 4. Acquire a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology,
- 5. Become proficient in their profession by developing scientific temper and improve educational experience;
- 6. Identify social, economic, environmental, biological and emotional determinants of healthin a given case and take them into account while planning therapeutic, rehabilitative, preventive and promotive measures/strategies;

- 7. Plan and devise measures in Naturopathy and yoga for the prevention and rehabilitation of patients suffering from disease and disability;
- 8. Demonstrate skills in documentation of individual case details as well as morbidity data relevant to the assigned situation;
- 9. Play the assigned role in the implementation of national health programs, effectively and responsibly;
- 10. Organize and supervise the chosen/assigned health care services demonstrating adequate managerial skills in the clinic/hospital or the field Situation;
- 11. Develop skills as a self-directed learner; recognize continuing educational needs, select and use appropriate learning resources;
- 12. Demonstrate competence in basic concepts of research methodology and epidemiology, and be able to critically analyze relevant published research literature;
- 13. To implement all National health policies;
- 14. Work towards realization of Health for all, as a national goal through naturopathy and yoga;
- 15. To follow the medical ethics and to fulfill the social and professional responsibilities as a Naturopathy and Yoga Physician through drugless therapies;
- 16. Be competent in the practice of holistic medicine with expert knowledge and experience in promotive, preventive, curative and rehabilitative aspects of diseases;
- 17. Become proficient in their profession by developing scientific temper and improve educational experience;

#### INSTITUTIONAL GOALS

After the medical undergraduate program, the students must:

- Be able to expertly diagnose and manage common diseases and health problems of individuals as well as community, work with the health team as a fully qualified doctor at primary, secondary or tertiary levels, with his/her clinical experience and skills in history, physical examination and relevant investigations;
- 2. Be proficient in promotive, preventive, curative and rehabilitative medicine and therapy fo common health issues;

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3. Be adept in different therapeutic modalities and their administration;

- 4. Develop a humane attitude towards one's clients and understand economic, environmental, social, psychological and cultural factors that influence health;
- 5. Enjoy an urge for self-improvement, directed towards advanced expertise or research in any chosen area of health care;
- 6. Have enough knowledge about implementation of National Health Programs and the basic factors required for the same, which are as follows;
  - a. Family Welfare and Maternal and Child Health (MCH);
  - b. Sanitation and Water Supply:
  - c. Prevention and Control of communicable and non-communicable diseases;
  - d. Immunization;
  - e. Health education;
  - 7. Possess management skills in human resources, materials and resource management in health care delivery;
  - 8. Be competent in recognizing community health issues and design, institute curative and preventive measures and evaluate the outcome of these measures, thus working towards resolving these issues;
  - 9. Be able to work successfully in a variety of health care settings;
  - 10. Develop integrity, responsibility, reliability, dependability and compassion, which are characteristics required for successful professional life; 11. Develop leadership and communication skills to work as leading investigator or clinician in health care team.

#### OBIECTIVES OF MEDICAL GRADUATE TRAINING PROGRAMME

- 1. To effectively integrate the conventional basic sciences (e.g., human physiology) with the traditional medical systems and to enhance the understanding of their effects and therapeutic potential;
- 2. To provide state of the art learning facilities (e.g., audio visual aids, interactive learning systems) to conceptualize the ancient medical system;
- 3. To run advanced laboratories under each department (basic and clinical sciences) of effective experimental training and research;

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- 4. To explore the possibilities of promoting effective integrated medical practice at conventional medical facilities attached to the institute; 5. To provide the best possible clinical setting for clinical training and research;
- 5. To prepare every Yoga and Naturopathic physician with an in depth understanding of Basic sciences, superior clinical training and with an outlook for research and development;

#### NORMS RELATED BNYS COURSE

#### **Course of Study**

The duration of the course shall be 6 years (six years). The course shall include a period of regular study of five (5 years, followed by a compulsory rotatory internship of one year. The period of regular study shall be divided into five phases - first year of two years which is divided into BNYS 1<sup>st</sup> A of 6 months and BNYS 1<sup>st</sup> B of 1 ½ year, and the Second, Third and Final years of one year each of the B.N.Y.S. Medical Degree Course respectively.

#### Attendance

A candidate shall be considered to have satisfied the requirement of attendance for each Part/Phase if he/she attends not less than 80 per cent of the theory and practical classes actually conducted up to the end of the Phase in that subject. Such a candidate having shortage of attendance shall be required to attend 80 per cent of the theory and practical classes actually held up to the end of the term by repeating that subject of that Part/Phase during a subsequent term.

#### SCHEME OF EXAMINATION

The examination/s shall be held as per the date of Examination notified by s University: There should be one Internal & One External Examiner for all practical and Viva exams for each subject. A candidate shall register for term/year, when he/she appears for the first time to the examination of that Part.

#### **Internal Assessment**

There shall be an internal assessment which follows broadly the principles enunciated by the University in each subject for which 20 per cent of the marks are set apart these will be added in the final grade in the University examinations. There shall be minimum of two assignments and two periodical tests in all subjects of each year assess the progress of the candidate. If a candidate fails in an Examination, his/her internal assessment shall be assessed again as if he/she is a regular student for the second attempt only.

#### **Theory**

Minimum of 3 examinations is recommended. The examination preceding the university examination may be similar to the University Examination. Average marks of the better of the two notified internal examinations should be reduced to the marks allotted for internal assessment for each subject and should be sent to the university.

#### **Practical**

A minimum of one clinical test may be conducted at the end of each ward postings in all the clinical subjects, Assistant professor and above or lecturer with five years of teaching experience can conduct internal assessment examination. Average of best two examination marks should be taken into consideration while calculating the marks of internal assessment. The internal assessment marks of both theory and practical obtained by the candidates should be sent to university at least 15 days prior to the commencement of the theory exams.

#### **Eligibility for examination:**

A candidate who has passed in all the subjects of First B.N.Y.S. Medical Degree examination shall be eligible to be promoted to Second B.N.Y.S. Medical Degree course. A candidate is eligible for carry over facility only if he/she has appeared for all the subjects of that particular examination.

First year to Second Year - 3 subjects carry Over, second year to Third year - 3 subjects carry over, Third Year to Final year-3 subject Carry over.

Completion of the degree should not go beyond 11 years from the date of admission.

#### Criteria for Pass

To be eligible for promotion to BNYS 1<sup>st</sup> B, the candidate has to complete and pass in all the subjects. The candidate is declared to have been successful provided he/she secures minimum 50% and above in subjects. To be eligible for promotion to the II, III & IV years, the candidate has to complete and pass in all the subjects of 1, II & III years with an exemption of one subject in each year. The candidate is declared to have been successful passed, if he/she secures minimum 50% and above in theory, 50% and above in oral/practical/clinical separately each subject, but should get 50% in aggregate in all.

#### **Declaration of Class**

A candidate who passes all the subjects of one examination in the first attempt only be eligible for a class. No class or rank shall be declared for candidate who does not pass any examination in the first attempt, and such a candidate shall be eligible only for a pass class.

#### **Grading system**

The students will be assigned a grade in each course based on his or her combined performance in the sessional work and the final examination. Grade distinction and grade point of each grade is as follows:

| Grade Distinction |       |             |              |  |  |  |  |
|-------------------|-------|-------------|--------------|--|--|--|--|
| Marks Obtained    | Grade | Grade Point | Class        |  |  |  |  |
| Less than 50%     | F     | 0           | Fail         |  |  |  |  |
| 50 % to 54 %      | C     | 1           | Pass         |  |  |  |  |
| 55% to 64 %       | В     | 2           | Second class |  |  |  |  |
| 65% to 74%        | A     | 3           | First class  |  |  |  |  |
| 75% to 100%       | 0     | 4           | Distinction  |  |  |  |  |

#### **Cumulative Grade Point Average:**

Based on the grades obtained in all the subjects registered for by a student, his or her Cumulative Grade Point Average (CGPA) is calculated as follows:

CGPA is rounded off to the second decimal place.

$$CGPA = \frac{\sum (No.ofCreditsXGradePo \text{ int})}{\sum No.ofCredits}$$

CGPA is rounded off to the second decimal place.

Note: A candidate who passes in all the subjects of any Examination only in first attempt shall be eligible for First class with Distinction /First/Second Class



# Bachelor of Naturopathy and Yogic Sciences (B.N.Y.S.) (A Six years Degree Course)

MEDIUM OF INSTRUCTION: - English & Sanskrit

## **CURRICULUM**

## BNYS 1<sup>st</sup> A Duration: 6 months

| S.No. | Subject   | Duration of Study |
|-------|-----------|-------------------|
| 1.    | Physics   | 6 months          |
| 2.    | Chemistry | 6 months          |
| 3.    | Biology   | 6 months          |
| 4.    | Sanskrit  | 6 months          |

| S.No. | Subject   | Paper Code Theory | Paper Code Practical |
|-------|-----------|-------------------|----------------------|
| 1.    | Physics   | PBNYS – T 101     | -                    |
| 2.    | Chemistry | PBNYS – T 102     | -                    |
| 3.    | Biology   | PBNYS – T 103     | -                    |
| 4.    | Sanskrit  | PBNYS – T 104     | -                    |

|          | B.N.Y.S. 1 <sup>st</sup> A (6 MONTHS) |         |    |              |       |           |    |       |                         |         |               |
|----------|---------------------------------------|---------|----|--------------|-------|-----------|----|-------|-------------------------|---------|---------------|
| S.<br>No | Subject                               | Theo ry | IA | Viva<br>voce | Total | Practical | IA | Total | Grand<br>Total<br>Marks | Credits | Hrs./<br>Week |
| 1.       | Physics                               | 70      | 20 | 10           | 100   | -         | -  | -     | 100                     | 6       | 6             |
| 2.       | Chemistry                             | 70      | 20 | 10           | 100   | -         | -  | -     | 100                     | 6       | 6             |
| 3.       | Biology                               | 70      | 20 | 10           | 100   | -         | -  | -     | 100                     | 6       | 6             |
| 4.       | Sanskrit                              | 70      | 20 | 10           | 100   | -         | -  | -     | 100                     | 6       | 6             |

<sup>\*</sup>IA - Internal Assessment



### **B.N.Y.S.** 1<sup>st</sup> **B**

## **Duration: 18 months**

|       | Part -1  |                   |  |  |  |  |  |  |  |
|-------|--|-------------------|--|--|--|--|--|--|--|
| S.No. | Subject  | Duration of Study |  |  |  |  |  |  |  |
| 1.    | Biochemistry                                   | 12 months         |  |  |  |  |  |  |  |
| 2.    | Philosophy and Practice of Yoga                | 12 months         |  |  |  |  |  |  |  |
| 3.    | Sanskrit                                       | 12 months         |  |  |  |  |  |  |  |
|       | Part -2  |                   |  |  |  |  |  |  |  |
| 1.    | Human Anatomy – I                              | 18 months         |  |  |  |  |  |  |  |
| 1.    | Human Anatomy – II                             | 16 monus          |  |  |  |  |  |  |  |
| 2.    | Human Physiology –I                            | 18 months         |  |  |  |  |  |  |  |
| ۷.    | Human Physiology – II                          | 18 monuis         |  |  |  |  |  |  |  |
| 3.    | Philosophy of Nature cure – I                  | 18 months         |  |  |  |  |  |  |  |
| 3.    | Philosophy of Nature cure – II                 | 18 monus          |  |  |  |  |  |  |  |
|       | Fundamental principles of integrated system of |                   |  |  |  |  |  |  |  |
| 4.    | medicine -I                                    | 18 months         |  |  |  |  |  |  |  |
| 4.    | Fundamental principles of integrated system of | 16 monuis         |  |  |  |  |  |  |  |
|       | medicine -II                                   |                   |  |  |  |  |  |  |  |

**Practical's**: Biochemistry, Philosophy and Practice of Yoga, Anatomy, Physiology & Philosophy of Nature Cure.

|                 | Part -1   |                   |                         |  |  |  |  |  |  |  |  |
|-----------------|---|-------------------|-------------------------|--|--|--|--|--|--|--|--|
| S.No.           | Subject   | Paper Code Theory | Paper Code<br>Practical |  |  |  |  |  |  |  |  |
| 1.              | Biochemistry  | BNYS – T 101      | BNYS – P 101            |  |  |  |  |  |  |  |  |
| 2.              | Philosophy and Practice of Yoga                             | BNYS – T 102      | BNYS – P 102            |  |  |  |  |  |  |  |  |
| 3.              | Sanskrit  | BNYS – T 103      | -                       |  |  |  |  |  |  |  |  |
|                 | Par   | t -2              |                         |  |  |  |  |  |  |  |  |
|                 | Human Anatomy – I   | BNYS – T 104A     | BNYS – P 104            |  |  |  |  |  |  |  |  |
| 1.              | Human Anatomy – II  | BNYS – T 104B     |                         |  |  |  |  |  |  |  |  |
|                 | Human Physiology –I   | BNYS – T 105A     | BNYS – P 105            |  |  |  |  |  |  |  |  |
| 2.              | Human Physiology – II                                       | BNYS – T 105B     |                         |  |  |  |  |  |  |  |  |
|                 | Philosophy of Nature cure – I                               | BNYS – T 106A     | BNYS – P 106            |  |  |  |  |  |  |  |  |
| 3.              | Philosophy of Nature cure – II                              | BNYS – T 106B     |                         |  |  |  |  |  |  |  |  |
| 4.              | Fundamental principles of integrated system of medicine -I  | BNYS – T 107A     | 0                       |  |  |  |  |  |  |  |  |
| <del>'1</del> . | Fundamental principles of integrated system of medicine -II | BNYS – T 107B     | Gity                    |  |  |  |  |  |  |  |  |

B.N.Y.S. 1st B

Duration: 18 months

|          | Part -1 (12 MONTHS)                   |        |    |              |       |               |    |       |                         |             |                   |
|----------|---------------------------------------|--------|----|--------------|-------|---------------|----|-------|-------------------------|-------------|-------------------|
| S.<br>No | Subject                               | Theory | IA | Viva<br>voce | Total | Practica<br>I | IA | Total | Grand<br>Total<br>Marks | Credit<br>s | Hrs./<br>Wee<br>k |
| 1        | Biochemistry                          | 80     | 20 | 30           | 130   | 60            | 10 | 70    | 200                     | 6           | 6                 |
| 2        | Philosophy<br>and Practice<br>of Yoga | 80     | 20 | 30           | 130   | 60            | 10 | 70    | 200                     | 6           | 6                 |
| 3        | Sanskrit                              | 80     | 20 | 50           | 150   | -             | -  | -     | 150                     | 6           | 6                 |
|          | Total 550 18 18                       |        |    |              |       |               |    |       |                         |             |                   |

|          | Part - 2 (18 MONTHS)  |            |    |              |       |               |    |       |                         |             |                   |
|----------|---|------------|----|--------------|-------|---------------|----|-------|-------------------------|-------------|-------------------|
| S.<br>No | Subject   | Theor<br>y | IA | Viva<br>voce | Total | Practica<br>1 | IA | Total | Grand<br>Total<br>Marks | Cred<br>its | Hrs./<br>Wee<br>k |
| 1        | Human<br>Anatomy – I  | 80         | 20 | 30           | 230   | 60            | 10 | 70    | 300                     | 6           | 6                 |
| 1        | Human<br>Anatomy – II                                       | 80         | 20 | 30           | 250   | 00            | 10 | 70    | 300                     | 0           | 0                 |
| 2        | Physiology-I  | 80         | 20 | 30           | 230   | 60            | 10 | 70    | 300                     | 6           | 6                 |
| 2        | Physiology –II  | 80         | 20 | 30           | 230   | 00            | 10 | 70    | 300                     | 0           | O                 |
|          | Philosophy of   | 80         | 20 | 30           | 230   | 60            | 10 | 70    |                         |             |                   |
| 3        | Nature cure-I   | 80         | 20 | 30           | 230   | 00            | 10 | /0    | 300                     | 6           | 6                 |
| 3        | Philosophy of<br>Nature cure –II                            | 80         | 20 |              |       |               |    |       | 300                     |             | O                 |
| 4        | Fundamental principles of integrated system of medicine -I  | 80         | 20 | 50           | 250   | -             | -  | -     | 250                     | 6           | 6                 |
| 4        | Fundamental principles of integrated system of medicine –II | 80         | 20 |              |       |               |    |       | 230                     | 6           | 6                 |
|          |   |            |    |              |       |               |    | Total | 1150                    | 24          | 24                |

<sup>\*</sup>IA - Internal Assessment

B.N.Y.S. 2<sup>nd</sup>

**Duration: 12 months** 

| S.No. | Subject  | <b>Duration of Study</b> |
|-------|--|--------------------------|
| 1.    | Pathology-I                                    | 12 months                |
| 1.    | Pathology-II                                   | 12 monus                 |
| 2.    | Microbiology                                   | 12 months                |
| 3.    | Yoga and Physical Culture-I                    | 12 months                |
| 4.    | Diagnostic Method in Yoga & Naturopathy        | 12 months                |
| 5.    | Modern Diagnostic Methods                      | 12 months                |
| 6.    | Basic Pharmacology                             | 12 months                |
| 7.    | Fundamental principles of integrated system of | 12 months                |
|       | medicine –3 <sup>rd</sup>                      | 12 monus                 |

**Practical's**: Pathology, Microbiology, Yoga &phy. culture, Diagonostic Methods in N&Y, Modern Diagnostics.

| S.No. | Subject  | Paper Code Theory | Paper Code Practical   |
|-------|--|-------------------|------------------------|
| 1.    | Pathology-I                                    | BNYS – T 201 A    | BNYS- P 201            |
| 1.    | Pathology-II                                   | BNYS – T 201 B    | DN 1 5- P 201          |
| 2.    | Microbiology                                   | BNYS – T 202      | BNYS- P 202            |
| 3.    | Yoga and Physical Culture-I                    | BNYS – T 203      | BNYS- P 203            |
| 4.    | Diagnostic Method in Yoga &                    | BNYS – T 204      | BNYS- P 204            |
| 7.    | Naturopathy                                    | DN15-1204         | DN15-1 20 <del>4</del> |
| 5.    | Modern Diagnostic Methods                      | BNYS – T 205      | BNYS- P 205            |
| 6.    | Basic Pharmacology                             | BNYS – T 206      | -                      |
| 7.    | Fundamental principles of                      | BNYS – T 207      |                        |
|       | integrated system of medicine –3 <sup>rd</sup> | DIVIS-120/        | -                      |



B.N.Y.S. 2<sup>nd</sup>
Duration: 12 months

|          | B.N.Y.S. 2 <sup>nd</sup> (12 MONTHS)                                     |            |    |              |       |           |    |       |                         |         |               |
|----------|--|------------|----|--------------|-------|-----------|----|-------|-------------------------|---------|---------------|
| S.<br>No | Subject  | Theo<br>ry | IA | Viva<br>voce | Total | Practical | IA | Total | Grand<br>Total<br>Marks | Credits | Hrs./<br>Week |
| 1.       | Pathology-I  | 80         | 20 | 30           | 230   | 60        | 10 | 70    | 300                     | 6       | 6             |
| 1.       | Pathology-II   | 80         | 20 | 30           | 250   | 00        | 10 | 70    | 300                     | 0       | U             |
| 2.       | Microbiology   | 80         | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 6       | 6             |
| 3.       | Yoga and<br>Physical<br>Culture-I  | 80         | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 6       | 6             |
| 4.       | Diagnostic Method in Yoga & Naturopathy                                  | 80         | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 6       | 6             |
| 5.       | Modern Diagnostic Methods  | 80         | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 6       | 6             |
| 6.       | Basic<br>Pharmacology  | 80         | 20 | 50           | 150   | -         | -  | -     | 150                     | 6       | 6             |
| 7.       | Fundamental principles of integrated system of medicine –3 <sup>rd</sup> | 80         | 20 | 50           | 150   | -         | -  | -     | 150                     | 6       | 6             |
|          | Total 1400 42 42   |            |    |              |       |           |    |       |                         |         |               |



**B.N.Y.S. 3**<sup>rd</sup> Duration: 12 months

| S.No. | Subject   | Duration of Study |
|-------|---|-------------------|
| 1.    | Forensic Medicine & Toxicology  | 12 months         |
| 2.    | Community Medicine  | 12 months         |
| 3.    | Psychology & Basic Psychiatry   | 12 months         |
| 4.    | Obstetrics & Gynecology   | 12 months         |
| 5.    | Yoga & Physical Culture II  | 12 months         |
| 6.    | Nutrition & Herbology   | 12 months         |
| 7.    | Manipulative Therapy  | 12 months         |
| 8.    | Fundamental principles of integrated system of medicine – 4 <sup>th</sup> | 12 months         |

**Practical's**: Forensic Medicine & Toxicology, Community Medicine, Obstetrics & Gynecology, Yoga & Physical Culture II, Nutrition & Herbology, Massage, Chiropractice, Osteopathy & Aromatherapy.

| S.No. | Subject   | Paper Code   | Paper Code Practical |  |
|-------|---|--------------|----------------------|--|
|       |   | Theory       |                      |  |
| 1.    | Forensic Medicine & Toxicology  | BNYS – T 301 | BNYS- P 301          |  |
| 2.    | Community Medicine  | BNYS – T 302 | BNYS- P 302          |  |
| 3.    | Psychology & Basic Psychiatry   | BNYS – T 303 | -                    |  |
| 4.    | Obstetrics & Gynecology   | BNYS – T 304 | BNYS- P 304          |  |
| 5.    | Yoga & Physical Culture II  | BNYS – T 305 | BNYS- P 305          |  |
| 6.    | Nutrition & Herbology   | BNYS – T 306 | BNYS- P 306          |  |
| 7.    | Manipulative Therapy  | BNYS – T 307 | BNYS- P 307          |  |
| 8.    | Fundamental principles of integrated system of medicine – 4 <sup>th</sup> | BNYS – T 308 | -                    |  |



**B.N.Y.S. 3**<sup>rd</sup> Duration: 12 months

| B.N.Y.S. 3 <sup>rd</sup> (12 MONTHS) |   |         |    |              |       |           |    |       |                         |         |               |
|--------------------------------------|---|---------|----|--------------|-------|-----------|----|-------|-------------------------|---------|---------------|
| S.<br>No                             | Subject   | Theo ry | IA | Viva<br>voce | Total | Practical | IA | Total | Grand<br>Total<br>Marks | Credits | Hrs./<br>Week |
| 1.                                   | Forensic Medicine & Toxicology  | 80      | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 5       | 5             |
| 2.                                   | Community<br>Medicine   | 80      | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 5       | 5             |
| 3.                                   | Psychology &<br>Basic<br>Psychiatry                                       | 80      | 20 | 50           | 150   | -         | -  | 1     | 150                     | 5       | 5             |
| 4.                                   | Obstetrics &<br>Gynecology  | 80      | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 5       | 5             |
| 5.                                   | Yoga &<br>Physical<br>Culture II  | 80      | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 5       | 5             |
| 6.                                   | Nutrition &<br>Herbology  | 80      | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 5       | 5             |
| 7.                                   | Manipulative<br>Therapy   | 80      | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 5       | 5             |
| 8.                                   | Fundamental principles of integrated system of medicine – 4 <sup>th</sup> | 80      | 20 | 50           | 150   | -         | -  | -     | 150                     | 5       | 5             |
|                                      |   |         |    |              |       |           |    | Total | 1500                    | 40      | 40            |



**B.N.Y.S. 4**<sup>th</sup> Duration: 12 months

| S.No. | Subject   | Duration of Study |
|-------|---|-------------------|
| 1.    | Yoga Therapy  | 12 months         |
| 2.    | Hydrotherapy & Claytherapy  | 12 months         |
| 3.    | Fasting & Diet therapy  | 12 months         |
| 4.    | Chromotherapy & Magnetotherapy  | 12 months         |
| 5.    | Physiotherapy   | 12 months         |
| 6.    | Acupuncture, Acupressure, Reflexology Pranic healing & Reiki              | 12 months         |
| 7.    | Minor Surgery, First aid and Emergency Medicine                           | 12 months         |
| 8.    | Hospital Management   | 12 months         |
| 9.    | Fundamental principles of integrated system of medicine – 5 <sup>th</sup> | 12 months         |

**Practical's**: Except Hospital Management & Administration all other subjects have practical.

| S.No. | Subject   | Paper Code Theory | Paper Code Practical |  |  |
|-------|---|-------------------|----------------------|--|--|
| 1.    | Yoga Therapy  | BNYS – T 401      | BNYS- P 401          |  |  |
| 2.    | Hydrotherapy & Claytherapy  | BNYS – T 402      | BNYS- P 402          |  |  |
| 3.    | Fasting & Diet therapy  | BNYS – T 403      | BNYS- P 403          |  |  |
| 4.    | Chromotherapy & Magnetotherapy  | BNYS – T 404      | BNYS- P 404          |  |  |
| 5.    | Physiotherapy   | BNYS – T 405      | BNYS- P 405          |  |  |
| 6.    | Acupuncture, Acupressure,<br>Reflexology Pranic healing & Reiki           | BNYS – T 406      | BNYS- P 406          |  |  |
| 7.    | Minor Surgery, First aid and<br>Emergency Medicine                        | BNYS – T 407      | BNYS- P 407          |  |  |
| 8.    | Hospital Management & Research<br>Methodology                             | BNYS – T 408      | -                    |  |  |
| 9.    | Fundamental principles of integrated system of medicine – 5 <sup>th</sup> | BNYS – T 409      | -                    |  |  |

## **B.N.Y.S.** 4<sup>th</sup> (12 MONTHS)

| S.<br>No | Subject   | Theory | IA | Viva<br>voce | Total | Practical | IA | Total | Grand<br>Total<br>Marks | Credits | Hrs./<br>Week |
|----------|---|--------|----|--------------|-------|-----------|----|-------|-------------------------|---------|---------------|
| 1.       | Yoga Therapy  | 80     | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 2.       | Hydrotherapy & Claytherapy  | 80     | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 3.       | Fasting & Diet therapy  | 80     | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 4.       | Chromotherapy & Magnetotherapy  | 80     | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 5.       | Physiotherapy   | 80     | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 6.       | Acupuncture, Acupressure, Reflexology Pranic healing & Reiki              | 80170  | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 7.       | Minor Surgery, First aid and Emergency Medicine                           | 80     | 20 | 30           | 130   | 60        | 10 | 70    | 200                     | 4       | 4             |
| 8.       | Hospital Management & Research Methodology                                | 80     | 20 | 50           | 150   | 1         | 1  | 1     | 150                     | 4       | 4             |
| 9.       | Fundamental principles of integrated system of medicine – 5 <sup>th</sup> | 80     | 20 | 50           | 150   | -         | 1  | -     | 150                     | 4       | 4             |
|          |   |        |    |              |       |           |    | Total | 1700                    | 36      | 36            |

<sup>\*</sup>IA - Internal Assessment



## **Sub division of marks:**

**Subject Carry Marks** 

| Theory:                   | 80        | 80             | 80*2 = 160            | 80*2 = 160           |  |
|---------------------------|-----------|----------------|-----------------------|----------------------|--|
| Long Questions            | 10*4=40   | 10*4=40        | 10*4=40               | 10*4=40              |  |
|                           |           |                |                       |                      |  |
| Short Questions           | 5*6=30    | 5*6=30         | 5*6=30                | 5*6=30               |  |
| Very Short Questions      | 2*5=10    | 2*5=10         | 2*5=10                | 2*5=10               |  |
| Theory Internal           | 2 3 10    | 2 3 10         | 2 3 10                | 2 3 10               |  |
| Assessment (Every 6       |           |                |                       |                      |  |
| months then aggregated to | 20        | 20             |                       |                      |  |
| 20 marks)                 |           |                | 20                    | 20                   |  |
|                           | 20 + 20 = | 20 + 20 = 40/2 | 20.20.20              | 20.20.20.60/2        |  |
|                           | 40/2 = 20 | =20            | 20+20+20<br>=60/3 =20 | 20+20+20=60/3<br>=20 |  |
|                           |           |                | =60/3 =20             | =20                  |  |
|                           |           |                |                       |                      |  |
|                           |           |                |                       |                      |  |
| Long Questions            | 10*1 =10  | 10*1 =10       | 10*1 =10              | 10*1 =10             |  |
|                           |           |                |                       |                      |  |
| Short Questions           | 5*2 =10   | 5*2 =10        | 5*2 =10               | 5*2 =10              |  |
| Viva voce                 | 50        | 30             | 50                    | 30                   |  |
| Internal                  | 25        | 15             | 25                    | 15                   |  |
| External                  | 25        | 15             | 25                    | 15                   |  |
| Total                     | 150       | 150            | 250                   | 230                  |  |
| Passing Marks             | 75        | 75             | 125                   | 115                  |  |
|                           |           |                |                       |                      |  |
| Practical                 | -         | 60             | -                     | 60                   |  |
| Records                   |           | 10*1=10        |                       | 10*1=10              |  |
| Main Dunation 1/Vana      |           | 20*1=20        |                       | 20*1=20              |  |
| Major Practical/Yoga      | _         | 20.1–20        | _                     | 20.1–20              |  |
| Minor Practical/Shatkriya |           | 10*1=10        |                       | 10*1=10              |  |
| ,                         |           |                |                       |                      |  |
| Spotting                  |           | 5*4=20         |                       | 5*4=20               |  |
| Practical Internal        | _         | 10             | _                     | 10                   |  |
| Assessment                |           |                |                       |                      |  |
| Total                     | -         | 70             | -                     | 78                   |  |
| Passing Marks             | -         | 35             | -                     | 35                   |  |
|                           | 1         | • • • •        |                       | ENV OF A             |  |
| Grand Total Marks         | 150       | 200            | 250                   | 300                  |  |
| Passing Marks             | 75        | 100            | 125                   | 150                  |  |
|                           |           | 18             |                       | 1-1                  |  |