# B.Sc Yoga 2020

## Curriculum Design:

Course Components		Subject Name	Internal	External	Total	Credits
Part - I	Paper - I	Tamil/Hindi – Paper	25	75	100	3
Part - II	Paper - I	English – Paper I	25	75	100	3
Part - III	Core Theory - I	Fundamentals of Yoga	25	75	100	5
11 11	Core Practical - I	Yogic Practices - I	25	75	100	3
	Allied Paper - I	Basic Yoga	25	75	100	3
		First Year - Second	Semester	7 17 17		
Part - I	Paper - II	Tamil/ Hindi – Paper	25	75	100	3
Part - II	Paper - II	English – Paper II	25	75	100	3
Part - III	Core Theory - II	Yoga and Psychology	25	75	100	5
	Core Practical - II	Yogic Practices - II	25	75	100	3
	Allied Paper - II	Anatomy and Physiology	25	75	100	3
		Second Year - Third	Semester			
Part - I	Paper - III	Tamil/ Hindi – Paper	25	75	100	3
Part - II	Paper - III	English - Paper III	25	75	100	3
Part - III	Core Theory - III	Methodology of Teaching Yoga	25	75	100	5
	Core Practical - III	Teaching Practice	25	75	100	3
Part - IV	Non Major Elective - I	Health and Psychology	25	75	100	2

M.Sc., (Yoga) M.Sc., (Yoga Therapy) M.P. Ed., M.Phil., Ph.D., Asst. Professor and Head i/c Department of Yoga Tamil Nadu Physical Education and Sports University Melakottaiyur (Po), Chennai-600 127.

M.Sc., (Yoga) M.Sc., (Yoga Therapy) M.P. Ed., M.Phill., Ph.D., Asst. Professor and Head I/c Department of Yoga Tamil Nadu Physical Education and Sports University Metakottalyur (Po), Chennal-600 127.

Part - III   Core Theory - IV   Traditional Indian   System of Medicines   and Therapies	Part - I	Paper - IV	Tamil/ Hindi – Paper - IV	25	75	100	3
System of Medicines and Therapies   Core Practical - IV   Yogic Practices - III   25   75   100	Part - II	Paper - IV	English – Paper IV			100	3
Part - IV   Non Major   Elective - II   Diet and Nutrition   25   75   100	Part - III	Core Theory - IV	System of Medicines				5
Part - III   Core Theory - V   Yoga Therapy   25   75   100		Core Practical - IV	Yogic Practices - III	25	75	100	3
Part - III         Core Theory - V         Yoga Therapy         25         75         100           Core Theory - VI         Patanjali Yoga Sutra         25         75         100           Core Practical - V         Yogic Practice - IV         25         75         100           Core Elective - I         Usage of Props         25         75         100           Part - IV         Environmental Studies         25         75         100           Third Year - Sixth Semester           Part - III         Core Theory - VI         Yogic Diet         25         75         100           Core Theory - VII         Methods of Naturopathy         25         75         100           Core Practical - VI         Yogic Practice - V         25         75         100	Part - IV		Diet and Nutrition	25	75	100	2
Core Theory - VI			Third Year - Fifth	Semestei			
Core Practical - V   Yogic Practice - IV   25   75   100	Part - III	Core Theory - V	Yoga Therapy	25	75	100	5
Core Elective - I   Usage of Props   25   75   100		Core Theory - VI	Patanjali Yoga Sutra	25	75	100	5
Part - IV   Environmental   25   75   100		Core Practical - V	Yogic Practice - IV	25	75	100	3
Studies   Third Year - Sixth Semester		Core Elective - I	Usage of Props	25	75	100	3
Part - III         Core Theory - VI         Yogic Diet         25         75         100           Core Theory - VII         Methods of Naturopathy         25         75         100           Core Practical - VI         Yogic Practice - V         25         75         100	Part - IV			25	75	100	2
Core Theory - VII Methods of Naturopathy  Core Practical - VI Yogic Practice - V 25 75 100			Third Year - Sixth	Semeste	P		18 18 18 18 18 18 18 18 18 18 18 18 18 1
Naturopathy  Core Practical - VI Yogic Practice - V 25 75 100	Part - III	Core Theory – VI	Yogic Diet	25	75	100	5
Core Practical - VI Yogic Practice - V 25 75 100		Core Theory - VII	1 Little Harris Control of the Contr	25	75	100	5
Core Elective - II Yoga and Fitness 25 75 100		Core Practical - VI	A STATE OF THE PARTY OF THE PAR	25	75	100	3
	195	Core Elective - II	Yoga and Fitness	25	75	100	3
Part - IV Value Education 25 75 100	Part - IV		Value Education	25	75	100	2

## FUNDAMENTALS OF YOGA

#### UNITI

Yoga: Meaning- Definitions- Need- Nature - Alm and Objectives, Principles, Philosophy and Scope of Yoga

Philosophy: Scope of Philosophy

Shad Darshanas: Nyaya, Vaishesika, Samkhya, Yoga, Mimamsa, Vedanta. Misconceptions and clarifications of Yogu-Yoga and Education.

#### UNIT II

History of yoga-Modern Developments- Contribution to yoga by Vedas, Upanishads, Vasishtha, Yoga Sutras, Thirumandiram, Yoga Gita, Yoga Fantra, Bhagayad YajnavalkyaSamahitha,Goraksataka, Hatha Yoga Pradipika, Gheranda Samhitha, Siva Samahitha, Hatha Ratnavali, Siddha Siddhanta Paddihati,Narada Bhakthi Sutras, Yoga

#### Rahasyo.

#### UNIT III

Contributions to yoga by Ramakrishna, Swami Vivekananda, Sivananda, Sri Arobinodo, Maharishi Mahesh yogi, Swami Rama, Krishnamacharya, Swami Kuvalayananda, Ramana Maharishi, Vethathiri Maharishi, Swami Dayanand saraswathi- Sri Yogendraji-Paramahamsa Yoganada- B.K.S Iyengar.

#### UNIT IV

Contributions of yoga to Religions: Hinduism, Jainism, Buddhism, Christianity, Islam, Sufism- Spirituality -Role of yoga & Religions on Spirituality- Methods to promote Spirituality.

### UNITV

Paths of Yoga: Hatha Yoga, Bhakti Yoga, Inana Yoga, Karma Yoga, Raja Yoga, Mantra Yoga, Laya Yoga, Yantra Yoga

Astanga Yoga: Yama, Niyama, Asana, Pranayama, Pratyahara, Dharana, Dhyana,

Samadhi Schools of yoga- Sivananda yoga, Integral yoga, Bihar school of yoga, Kundalini yoga, Ashtanga yoga, Viniyoga, Iyengar yoga

Hatha yoga, Swara yoga and Mantra yoga.

## References :-

1. Iyengar B. K. S (1976) Light on yoga, London, Unwin paperpacks.

Iyengar B. Saraswathi swami (1934) Yoga Asanas Madras : My magazine of India.

 Satyanada saraswati swami (2008) Asana, Pranayama, Mudra, Bandha, munger: Yoga publications trust.

4. Iyenger B.K.S (2008) Light on pranayama, New Delhi : Haper Collins publishers India.

 Vishnu Devananda Swami (1972) The complete Illustrated book of yoga, New york: Pocket Books.

6. Chandrasekaran K (1999) sound health through yoga Sedapatti : Prem Kalyan Publications.

 Yogeshwaranand saraswathi swami (1975) Pirst steps to higher yoga , Gangothari: Yoga niketan trust.

8. Coulter, H David (2001) Anatomy and Hatha yoga, USA: Body and Breath Inc.

9. Kirk Martin (2006) Hatha Yoga Illustrated Champaign : Humenkinetics.

10. Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.

 Kathy Lee Kapppmeier and Diane M. Ambrosini (2006) Instructing Hatha Yoga, Champaign: Human Kinetics.

#### **YOGIC PRACTICES - I**

#### Unit – I

Essentials of yogic practices, cleapliness and food, bath, time, sun, closing eyes, place, mirror, breathing, awareness, age limitations, sequence, blanket, clothes, position, emotying the bowels and stomach counter pose, pregnancy, contra-indictions, duration, straining, special provisions for women and patients, fitness, posture, side effects.

Unit – II Surya Namaskar

Unit - III Loosening the joints (S-vyasa)

Unit – IV
Asanas:
Advasana
Sukhasana
Ardha Padmasana
Marjari asana
Padadhirasana
Tiryanka Tadasana
Druta Utkatasana

Unit – V Asanas: Utthita Lolasana Yogamudrasana Tiryaka Bhujangasana Saithalyasana Meru wakrasana Eka Padasana Prishthasana Kurmasana Upavista Konasana

## References :-

- 1. Iyengar B. K. S (1976) Light on yoga, London, Unwin paperpacks. Sivananda Saraswathi swami (1934) Yoga Asanas Madras : My magazine
- 3. Satyanada saraswati swami (2008) Asana, Pranayama, Mudra, Bandha,
- 4. Iyenger B.K.S (2008) Light on pranayama, New Delhi : Haper Collins
- 5. Vishnu Devananda Swami (1972) The complete Illustrated book of yoga,
- 6. Chandrasekaran K (1999) sound health through yoga Sedapatti : Prem Kalyan Publications
- 7. Yogeshwaranund saraswalhi swami (1975) First steps to higher yoga, Gangothari: Yoga nikelan trust.
- 8. Coulter, H David (2001) Anatomy and Hatha yoga, USA: Body and Breath
- 9. Kirk Martin (2006) Hatha Yoga Illustrated Champaign : Humenkinetics.
- 10. Gharote (2004) Applied yoga, Lonvla : Kaivalyadhama.
- 11. Xathy Lee Kapppmeier and Disanc M. Ambresini (2006) Instructing Marks Yoga, Champaiga: Memen Kinopins,

## **Basic Yoga Texts**

#### Unit I

#### **Vedas**

## **Upanishads**

Ishasyopanishad, kena, katha, Mundaka, Mandukya, Aitareya, Taittiriya, chandogya, Brihadaryanaka Upanishads

## **Bhagavad Gita**

Yoga in Bhagavad Gita (Chapter – II), Karma Yoga (Chapter – III), Yoga in Chapter – VI, Bhakthi Yoga (Chapter – XII), Yogic diet (Chapter – XIV & XVII), Moksha (Chapter – XVIII)

## Yoga Vasishtha

Highlights and concepts of Freedom, gunas, meditation and ailments

Prasthanatrayee, Purushartha Chatushtaya, Narada Bhakthi Series

#### Unit II

Goraksataka, Hatha Yoga Pradipika, Gheranda Samhutha, Siva Samhutha, Hatha Ratnavali, Siddha Siddhanta Paddibati.

#### Unit III

Asanas in Hatha lext:

Definition, pre requisites, Special features

#### Unit IV

Pranayama in Hatha text:

Concept, phases & Stages, pre requisites, Benefits, precautions, contra indications

#### Unit V

Bandha, Mudra & other practices:

Concept, Definition, Benefits, precautions & contra-indications, stages.

## References:-

- \* Elyenger B K S (1976) Light on yoga, London, Unwin paperpacks
- Swananda Sarawathi swamii (1934) Yoga Asanas Medrasi My magazine of india
- Satyanada sarawan swami (200) (Asina, Pranayama, Mudra, Bandha, mungeri Yoga publications trist
- Iyenger B K S (2008) Tipot coll pranavama, New Pelni Haper Collins publishers India
- Chandra ek, rank (1999) Sound Health Through Yoga, Sedapathi Prem Kulyan Publications
- Vislenu Devananda Swami (1972) The complete Illustrated bank of yoga, New York: Pooket Books.
- Yogeshwaranand saraswathi swami (1975) First steps to higher yoga, Gangotham, Yoganiketan mist
- Coulter, H. David (2001) Anatomy and Hatha yoga, USA. Body and Breath Inc.
- Kirk Martin (2006) Hatha Yoha Illustrated Champaign. Humenkinetics.
- Gharete (2004) Applied yoga, Lonyla Kaivalyadhama
- Gharote (2004) Applied yoga, Lenvia Kaivalyadhama
- Kathy Lee Kappmeier and Diane M Ambrosini (2006) Instructing Hatha Yoga, Champaign: Human Kinetics
- Sityananda sararwati Swami (2007) Meditations from thitantras. Murgar: yoga publications Trust.

# YOGA AND PSYCHOLOGY

Unit I: Psychology: Meaning, Definitions, Nature, Need, Scope of Psychology-Psychology and Yoga, Role of yoga on Heredity and Environment, learning. Emotions, memory, Cognition, Intelligence, Attention, attitude, personality

Unit II: Growth and Development: Life span periods, yoga for different stages of life: infancy, early childhood, Later childhood, adolescence, Adulthood, Old age, Women. Yoga for Professional people

Unit III: 25 elements, koshas, Doshas, Gunas, Nadis and chakras, Mind, Types of mind, folds, mental faculties, stages, states, sources and powers of mind, unfolding powers of Mind, yoga for super-consciousness

Unit IV: Spirituality: Meaning, definition, Role of Yoga and Religion on Spirituality, Values, types of values, divine virtues.

Methods of developing spirituality

Unit V: Role of yoga on psychological qualities and psychological disorders
Neurosis: Anxiety, Phobias, obsessions, compulsions, stress, hysteria, Depression, suicide, Eating disorders, suicide.
Psychosis: Schizophrenia, Autism, Dementia, Bipolar disorders, Mental retardation, Personality disorders: Paranoid, Histrionic, Drug addicts, Gambling, Alcoholism,

smoking, anti-social personality disorders

## Anjerences:

- Kamlesh, M. L. (1988) Psychology in physical Education and sports, New Metropolitan.
- 2. Elangovan R., (2001) Udarkalvi Ulaviyal, Thirunelveli : Aswin
- 3. Gita Mathew, (1997) Sports Psychology, Shejin and Shiju Brothers, Karaikudi
- 4. Gidr, et al., (1989) Psychology, Glenview: scott foresman and company.
- Bringle Robert etal., (1981) understanding psychology, New York: Random House School Division New York.
- 6. Rishi Vivekananda ( 2006 ) practical yoga psychology, Munger : Yoga publications Trust
- 7. Abhedananda Swami (2002) yoga Psychology, Kolkatta: Ramakrishna Vedanta math.
- 8. Mangal S.K. (1991) ,Psychological Foundations of Education, Ludiana : Prakash Brothers.

#### YOGIC PRACTICES - II

#### Unit – I

Essentials of yogic practices, cleanliness and food, bath, time, sun, closing eyes, place, mirror, breathing, awareness, age limitations, sequence, blanket, clothes, position, emotying the bowels and stomach counter pose, pregnancy, contra-indictions, duration, straining, special provisions for women and patients, fitness, posture, side effects.

Unit – II Surya Namaskar

Unit - III Loosening the joints (Ramdev)

Unit – IV
Asanas:
Jyestikasana
Matsya kridasana
Dhyana veerasana
Vyaghrasana
Ardha ushtrasana
Kati chakrasana
Dwikonasana
Dolasana

Unit V
Asanas:
Lolasana
Sarpasana
Utthita Janu Sirshasana
Bhu Namanasana
Bakasana
Gorakshasana
Uttana Kurmasana
Supta Padangusthasana
Ardha Navasana



- \* Tyenger B.K.S (1976) Light on yoga, London, Unwin paperpacks
- Sivananda Sarawathi swami (1934) Yoga Asanas Madras: My magazine of India.
- Satyanada sarawari swami (2008) Asana, Pranayama, Mudra, Bandha, munger: Yoga publications trust.
- Iyenger B.K.S (2008) Light on pranayama, New Delhi , Haper Collans publishers India
- Chandrasekaran k (1999) Sound Health Through Yoga, Sedapatti: Prem kalyan Publications
- Vishnu Devananda Swami (1972) The complete Illustrated book of yoga, New York: Pocket Books.
- Yogeshwaranand saraswathi swami (1975) First steps to higher yoga,
   Gengothari: Yoga niketan trust
- · Coulter,H David (2001) Anatomy and Hatha yoga, USA: Body and Breath Inc.
- Kirk Martin (2006) Hatha Yoha Illustrated Champaign: Humenkinetics.
- Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.
- Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.
- Kathy Lee Kappmeier and Diane M.Ambrosini (2006) Instructing Hatha Yoga, Champaign: Human Kinetics.
- Satyananda sararwati Swami (2007) Meditations from thitantras. Murgar. yoga publications Trust.

#### ANATOMY AND PHYSIOLOGY

Unit I: Tissue cell: Cell structure- groups of Tissue- Epithelial tissue, muscular tissue. Connective tissue - their functions-The skeletal system- Bones, joints and muscles of the skeleton- tendons and ligaments- their functions.

#### Unit II:

The circulatory system- structure of the heart- the cardiac cycle- composition of blood-Blood pressure- Blood vessels- Hematological system-their functions- arteries, veins & capillaries. The Digestive system- alimentary canal-mouth- pharynx- esophagus-stomach- small and large intestine- the peritoneum- Liver- gall bladder- Pancreas- their functions- metabolism- physiology of digestion - The respiratory system - The respiratory passages - nose, pharynx, larynx, bronchi, lungs, their function - oxygen consumption - Physiology of respiration.

Unit III: The Nervous System- The central nervous system- autonomic nervous system-Brain- spinal cord- Sympathetic and parasympathetic systems- their functions-sensory organs-skin- eyes- ear- tongue- nose- their functions: Posture- active posture- inactive posture- ideal posture- control of posture.

Unit IV: The Endocrine system- Hypothalamus, Pituitary gland- Thyroid gland, Parathyroid glands- Thymus gland- Adrenal gland- Pineal gland- their functions. The urinary system-Kidneys, ureters, bladder, urethra, renal function. The reproductive system- puberty-menopause- testes, uterus, ovaries- their functions

Unit V: Impact of yogic practices on the Anatomy and physiology of different systems of human body-cells, bones, joints and muscles, skin.Cardio-vascular system, respiratory system, digestive & excretory system. Hematological and immune system, glands, nervous system, body metabolism, special senses, locomotor system.

#### References:

- 1. Telles Shirley (2006) A Glimpse of the human body, Bangalore, Swami Vivekananda yoga prakashana
- 2. Shri Krishna (1988) Notes on structure and functions of human body and Effects of yogic practices on it, Mumbai: ICYHC, Kaivalyadhama.
- 3. Ray S Dutta (2001) Yogic Exercise: Physiologic and psychic processes, New Delhi:
- 4. Evelyn C peace (1997) Anatomy and physiology for nurses, New Delhi: Jaypee Brothers.
- 5. Leslie Kumar (2007) Yoga Anatomy, Champaign: Human Kinetics
- 6. Nagendra kumar (2007), Yoga Bhyasa for week days, Bangalore: OM mantra Devo Bhava.
- 7. Gore M.M. (2003) Anatomy and Physiology of yogic practices, Lonavala Kanchan prakshan.
- 8. Bruce, J. Noble (1986) Physiology of Exercise and Sport. St. Louis C.V. Mospy.
- 9. Shavel L.G (1981) Essentials of Exercise Physiology, New Delhi: Surject Publication.
- 10.Fax. E.L. and Mathew D.K., (1981) The Physiological basis of Physical Education and Athletics III Ed. Philadelphia W.B. Sannders.
- 11. Clerke D.H., (1975) Exercise Physiology, New Jersy: Prentice Hall.
- 12. Selvalakshmi. S (2017) Anatomy and Physiology Madurai: Shanlax Publications.

## METHODOLOGY OF TEACHING YOGA

Unit I: Education

Yoga Education, Goal, Scope and importance, Principles of Teaching Yoga- Yogac, psychological, Physiological, Pedagogical, sociological

Meaning of methodology of teaching- factors influencing Methodology, Presentation technique

Role of language, Voice, fluency, clarity and body language in Teaching Factors of Yoga Education: Teacher, Student and Teaching-Gurus Shishya Parampara Types of students and teachers- promotion of leadership qualities

Unit II: Methods in Yoga Teaching

Lecture method

Response to instruction method (method)

Individualized Instructional Method

Group discussion Method

Directed Practice Method

Project method

Demonstration Method

Lecture cum Demonstration Method

Imitation Method

Dramatization Method

Sources of teaching methods

Unit III: Teaching aids:

Audiovisual aids

Visual aids

Audio aids

Models

**Props** 

Wooden brick and foot rest belt, ropes, slanting plank, chair, stool, bench, Box, the heart rate, ladder stool and drum, bolster and pillow, bandage, weight, the horse, big and small.

Unit IV: Preparing lesson plan-Essentials of a good lesson plan

Advantages of preparing a lesson plan

Contents of a lesson plan

Class management-formation of the class

Conducting yoga practical lessons: Precautions and contra-indications of practices

Lesson plant Assembly and roll call Relaxation & prayer Loosening the joints Introduction of the practice Demonstration Individual practice Group practice Yoga game (if time permits) Question and answer session Relaxation End prayer

Unit V: Organizing yoga class, Yoga camp, workshops in yoga, Yoga tours. Yoga gameboxe competitions, classification of age groups for competitions

Evaluation

Advantages

Devices of evaluation

#### References

- 1 Gharore M.L and Gangady S.K (2001) Teaching Methods for yogic practices Lonavla: Kaivalyadhama
- 2. Sivananda ( ) Yoga teachers trainingManual, val morin; Sivananda Ashram Yoga camp
- 3. Anandamitra (1991) Teachers' Manual Calcutta: Ananda Marga Pracaraka
- 4. Thirunarayanan and Haribaran (1975) Methods in Physical Education, Karaikudi
- 5. Basavaraddi Ishwar (2010) Yoga Teacher's Manual for school teachers, New Delhi: Morarji Desai National Institute of Yoga

## TEACHING PRACTICE

The teaching practice examination shall be conducted by the University. The teaching practice record shall be submitted at the time of the University teaching practice practical examination. The candidate will be evaluated by both internal and external examiner.

# PDSPS18G01- HEALTH PSYCHOLOGY

- Unit I: Introduction to health psychology. Concept of health, models of health with special reference to bio-psychosocial model of health
- Unit II: Health behavior and belief: Factors predicting health behavior and beliefs, health awareness and health seeking behavior Theories of health behavior (Protective motivation theory, theory of reasoned action)
- Unit III: Reproductive health: Reproductive health and its components, risk behavior, early pregnancy and its implication, family planning methods and management of reproductive health, mental disposition of women after the reproductive phase, Adolescent reproductive health and its importance, Reproductive and Child Health Policy, Govt. of India.
- Unit IV: Chronic illness: Causes and consequences, management of health problems like obesity and chronic illness like cancer, cardiac problems and diabetes.
- Unit V: Health assessments and promotion: Quality of life scales, health indices checklist, lifestyle evaluation and coping scales, health promotion strategies-: Exercise, nutrition, psychological intervention, lifestyle modification techniques, utility of relaxation and bio-feedback methods.

## Readings:

- Allen, F. (2011). Health psychology and behavior. Tata McGraw Hill Edition.
- Brannon, L. & Feist, J. (1989). Health Psychology: An Introduction. 4th Edition, Wordsworth.
- Dimmates, M.R. & Martin, L.R. (2007). Health Psychology. Pearson.
- Dimatteo, M. R., & Martin L. R. (2011). Health psychology. India:
- Dorling Kindersley Snyder, C.R., Lopez S. J., & Pedrotti, J. T. (2011). Positive psychology: The scientific and practical explorations of human strengths. New Delhi: Sage.
- Taylor, S.E. (2006). Health psychology, 6th Edition. New Delhi: Tata McGraw Hill. References

# INTRODUCTION TO TRADITIONAL INDIAN SYSTEMS OF MEDICINE AND THERAPIES

Unit I: History of yoga therapy- Essence and Principles of Yoga therapy-Physiology and pathology in the yoga- Shatra- koshas- doshas- Panchaprana-Application of Yoga and its types — Methodology in Yoga Therapy — Factors (Heyam, Hetu, Hanam and Upayam) — Methods (Darsanam, Sparsanam, Prasanam, NadiPariksa) Examination of Vertebra, joints, muscles, Abdomen and Nervous system and therapeutic yoga practices- Modification of yogic practices — Yogic diet- Yogic diet for Human systems— Nadis and chakras

Unit II: Application of traditional Indian medical systems and therapies:

Ayurveda – Doshas, Dinacarya, Ayurvedic diet, Panchakarma therapy

Siddha – Five elements theory, physical constituents, pathology (Kayakalpa, Kitchen, Herbal and other types of medicine) Varmam and Thokkanam, Exercise therapy, Cryo therapy, Acupressure, Acupuncture, Chromo therapy, Magnet therapy, Music therapy, Pranic healing, Magentotherapy, Naturopathy, Modalities of Naturopathy

Unit III: Therapeutic applications for High blood pressure, Obesity, Diabetes Mellitus, Asthma, Sinusitis, Migraine, Arthritis, Back pain, Thyroid problems, constipation, impotency, infertility, stroke, Epilepsy, Parkinson's disease, sleep disorders, skin diseases, insomnia, Anaemia

Unit IV: Therapeutic applications for psychological disorders:
Neurosis: stress, depression, eating disorders, suicide, hysteria
Psychosis: Schizophrenia, autism, Bipolar disorders, dementia
Personality disorders: Paranoid, histrionic, drug addicts- Smoking, Alcoholism,
Gambling – Anti social activities

**Unit V:**Therapeutic applications for the problems of women- Amenorrhea, Dysmenorrhea, menorrhagia, metrorrhagia, Hypomenorrhoea, oligomenorrhoea, polymenorrhoea, leucorrhoea, uterus related problems, miscarriage, pregnancy- Pre and post natal care, PCOS

#### References:

- 1. BalkrishnaAcharya (2006) Ayurveda its principles anfPhilophies, Hardwar: DivyaPrakashan
- 2. Atharale V.B. (1980) basic principles of Ayurveda, Bombay: Pediatric clinics
- 3. Frawley David (2000) Yoga and Ayurveda Delhi: Motilalbanarsidass Publishers Pvt Ltd,
- 4. BalkrishnaAcharya (2012) A practical approach to the Science of Ayurveda, Haridwar: DivyaPrakashan
- 5. Frawley David and Sandra Summerfield kozak (2011) Yoga for your type New Delhi: New Age Books,
- 6. VasantDattatray Lad (2007) Secrets of the pulse The Ancient art of Ayurvedic Pulse Diagnosis Delhi: MotilalBanarsidass Publishers Pvt.Ltd
- 7. Ashwini yogi (2011) SanatanKriya. The Ageless Dimension, New Delhi: Dhyan Foundation
- 8. Stiles Mukunda (2009): Ayurvedic yoga therapy New Delhi: New age books
- 9. Sivananda Swami (2006): Practice of Ayurveda Shivanandanagar: The Divine Life Society
- 10. Atreya (2000) Ayurvedic Healing for women, Delhi, MotilalBeharsidass
- 11.Joshi Rajani (2007) Health tips from the Vedas Haridwar: ShriVedmataGayathri trust
- 12. Thirunarayanam (2012) Introduction to Siddha Medicine, Chennai: centre for Traditional Medicine and Research
- 13.Bakhru (2011) The complete Hand book of Nature cure, Mumbai: Jaico publishing House
- 14.Gala DR, Dhiren Gala and Sanjay gala (2008) Nature cure for common diseases, Ahmadabad: Navneet publications (India) Ltd.,
- 15.Murthy Chidananda (2010) yogic and naturopathic treatment for common ailments, New Delhi: Central council for research in Yoga and Naturopathy
- 16.BasavaraddiIshwar (2012) Important therapeutic modalities used in Naturopathy, New Delhi. Central council for Research in Yoga &Natruopathy,
- 17.Murthy Chidananda(2011) Yoga and Naturopathy New Delhi: central council for Research in yoga and Naturopathy.

#### **YOGIC PRACTICES – III**

Unit 1: Loosening the joints
Joint freeing series

Suryanamaskar: Vinyasa Suryanamaskar (kneeling, lunge, jumping)

#### Unit 2:Asanas

Tadasana, Trikonasana, Ardha Chandrasana, Utthita Parshvakonasana, Urdhva Dhanurasana, Utkatasana, Moordhasana, Dandasana, Pavanamuktasana, Hamsasana, Ardha Sirsasana, Ardha Kati Chakrasana, Ardha chakrasana, Veerasana, Namaskarasana, Vakrasana, Malasana, Merudandasana, Janusirsasana, Bharadvajasana, Suptavajrasana, Makarasana, Ardha Padmasana, Sukhasana, Natarajasana, Savasana

Unit 3: Pranayama: Sectional breathing Viloma (Surya, Chandra) Anuloma (Surya, Chandra) Pratiloma Surya Bhedana Chandra Bhedana

Unit 4: Kriya Shankhaprakshalana Laghoo Shankhaprakshalana Agnisar Kriya

Bandhas: Jalandhara Banda Moola Bandha Uddiyana Bandha

#### Mudras:

Chin mudra, Chinmaya mudra, Adhi mudra, Bhrama mudra, Bairava mudra, Nasiga mudra, Ganesha mudra, Bhudi mudra, varuna mudra, Mukula mudra, Khechari mudra, Tadagi mudra, Shanmuki mudra,

Unit 5:Meditation

Japa, Soham & pranav Japa Ajapa japa, antar mouna, Om meditation, Nadanusandhana



## References:-

- Iyenger B.K.S (1976) Light on yoga, London, Univin paperpacks.
- Sivananda Sarawathi swami (1934) Yoga Asanas Madras: My magazine of india.
- Satyanada sarawan swami (2008) Asana, Pranayama, Mudra, Bandha, munger Yoga publications trust.
- lyenger B.K.S (2008) Light on pranayama, New Delhi . Haper Collins publishers India.
- Chandrasekaran k (1999) Sound Health Through Yoga, Sedapatti: Prem kalyan Publications
- Vishnu Devananda Swami (1972) The complete Illustrated book of yoga, New York: Pocket Books.
- Yogeshwaranand saraswathi swami (1975) First steps to higher yoga,
   Gangothari: Yoga niketan trust.
- Coulter, H David (2001) Anatomy and Hatha yoga, USA: Body and Breath Inc.
- Kirk Martin (2006) Hatha Yoha Illustrated Champaign: Humenkinetics.
- Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.
- Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.
- Kathy Lee Kappmeier and Diane M.Ambrosini (2006) Instructing Hatha Yoga, Champaign: Human Kinetics.
- Satyananda sararwati Swami (2007) Meditations from thitantras. Murgar yoga publications Trust.

#### **DIET AND NUTRITION**

#### Unit I:

Nutrition: Macronutrients, micro nutrients, carbohydrates, fats, proteins, vitamins, minerals, water, balanced diet, benefits of vegetarian diet, gluten free and lactose free diet – composition of the meal (Grains, dairy products, vegetables and fruits nut, pulses, oil and fat), Meditarrenian diet, Vegan diet, Low glycemic diet, DASH diet, yogic diet, principles of yogic diet, characteristics of sattvic, rajasic and tamasic diet, diet for yogic practitioners

#### Unit II:

Food stuffs - Qualities of food - ancient thoughts on food - Guidelines of eating

Yogic diet: General introduction of Ahara; concept of Mitahara; Classification in yogic diet according to traditional Yoga texts; diet according to the body constitution (Prakriti) – Vata, Pitta and KaphaGunas

Concepts of Diet - Pathya and Apathya according to GherandaSamhita, Hatha Pradeepika and Bhagavad gita; importance of yogic diet in Yoga Sadhana and its role in healthy living;

#### Unit III:

Nutrition during various stages od life childhood, adolescence, adult hood, Middle aged & aged – Nutrition during pregnancy & tips

Principles of weight control & Management

#### Unit IV:

Nutrition therapy for infectious diseases: Malaria, Typhoid, cholera, whooping cough, tuberculosis, measles, venereal diseases, dysentery, leprosy

#### Unit V:

Nutrition therapy for life style diseases: HBP, diabetes, obesity, cancer, stroke

#### YOGA THERAPY

Unit I: History of yoga therapy- Essence and Principles of Yoga therapy- Physiology and pathology in the yoga- Shatra- koshas- doshas- Pancha prana- Application of Yoga and its types – Methodology in Yoga Therapy – Factors (Heyam, Hetu, Hanam and Upayam) – Methods (Darsanam, Sparsanam, Prasanam, Nadi Pariksa)

Examination of Vertebra, joints, muscles, Abdomen and Nervous system and therapeutic yoga practices- Modification of yogic practices- Yogic diet for Human systems – Yogic diet – Nadis and chakras

Unit II: Application of traditional Indian medical systems and therapies:

Ayurveda – Doshas, Dinacarya, Ayurvedic diet, Panchakarma therapy

Siddha – Five elements theory, physical constituents, pathology (Kayakalpa, Kitchen, Herbal and other types of medicine) Varmam and Thokkanam, Exercise therapy, Cryo therapy, Acupressure, Acupuncture, Chromo therapy, Magneto therapy, Music therapy, Pranic healing, Magentotherapy, Naturopathy, Modalities of Naturopathy

Unit III: Therapeutic applications in Yoga for High blood pressure, Obesity, Diabetes Mellitus, Asthma, Sinusițis, Migraine, Arthritis, Back pain, Thyroid problems, constipation, impotency, infertility, stroke, Epilepsy, Parkinson's disease, sleep disorders, skin diseases, insomnia, Anaemia

Unit IV: Therapeutic applications in yoga for psychological disorders:

Neurosis: stress, depression, eating disorders

Psychosis: Schizophrenia, autism, Bipolar disorders, dementia

Personality disorders: Paranoid, histrionic, drug addicts- Smoking, Alcoholism, Gambling – Anti social activities

Unit V: Therapeutic applications in Yoga for the problems of women- Amenorrhea, Dysmenorrhea, Menorrhagia, Metrorrhagia, Hypomenorrhoea, oligomenorrhoea, Polymenorrhoea, Leucorrhoea, uterus related problems, miscarriage, pregnancy- Pre and post natal care, PCOS

## References:

- 1. Balkrishna Acharya (2006) Ayurveda its principles anf Philophies, Hardwar:
  Divya Prakashan
- 2. Atharale V.B. (1980) basic principles of Ayurveda, Bombay: Pediatric clinics
- 3. Frawley David (2000) Yoga and Ayurveda Delhi: Motilal banarsidass Publishers Pvt Ltd,
- 4. Balkrishna Acharya (2012) A practical approach to the Science of Ayurveda,
  Haridwar: Divya Prakashan
- 5. Frawley David and Sandra Summerfield kozak (2011) Yoga for your type New Delhi: New Age Books,
- 6. Vasant Dattatray Lad (2007) Secrets of the pulse The Ancient art of Ayurvedic Pulse Diagnosis Delhi: Motilal Banarsidass Publishers Pvt.Ltd
- 7. Ashwini yogi (2011) Sanatan Kriya. The Ageless Dimension, New Delhi: Dhyan Foundation
- 8. Stiles Mukunda (2009): Ayurvedic yoga therapy New Delhi: New age books
- 9. Sivananda Swami (2006): Practice of Ayurveda Shivanandanagar: The Divine Life Society
- 10. Atreya (2000) Ayurvedic Healing for women, Delhi, Motilal Beharsidass

- 11.Joshi Rajani (2007) Health tips from the Vedas Haridwar: Shri Vedmata Gayathri trust
- 12. Thirunarayanam (2012) Introduction to Siddha Medicine, Chennai: centre for Traditional Medicine and Research
- 13.Bakhru (2011) The complete Hand book of Nature cure, Mumbai: Jaico publishing House
- 14.Gala DR, Dhiren Gala and Sanjay gala (2008) Nature cure for common diseases, Ahmadabad: Navneet publications (India) Ltd.,
- 15. Murthy Chidananda (2010) yogic and naturopathic treatment for common ailments, New Delhi: Central council for research in Yoga and Naturopathy
- 16.Basavaraddi Ishwar (2012) Important therapeutic modalities used in Naturopathy, New Delhi. Central council for Research in Yoga & Natruopathy,
- 17. Murthy Chidananda(2011) Yoga and Naturopathy New Delhi: central council for Research in yoga and Naturopathy.

### PATANJALI'S YOGA SUTRAS

## Unit I:

Basics and date of the yoga Sutra – Raja Yoga – notable commentaries – Ashtanga Yoga – mind – psychic powers

- 1) Samadhi Pada
- 2) Sadhana Pada
- 3) Vibhuti Pada
- 4) Kaivalya Pada

## Unit II:

1:1-2, 1:5 to 7, 1:12, 1:17 to 18, 1:30 to 51

#### Unit III:

2:1 to 11, 1:23 to 24, 2: 28 to 55

#### Unit IV:

3: 1 to 9, 3: 25 to 38, 3: 41, 3: 56

#### Unit V:

4:1, 4:7, 4:19, 4:34

#### References

Desikachar (1995) The Heart of Yoga Researcher: Inner Traditions International

Desikachar (2008) Reflections of Yoga Sutras of Patanjali Chennai: Krishnamacharya

Yoga Mandiram

Swami Prabhavananda (2002) Patanjali Yoga Sutras Madras: Sri Ramakrishna Math Swami Satyananda Saraswathi (2005) Four chapters on Freedom, Munger: Yoga Publications Trust

#### **YOGIC PRACTICES - IV**

Unit I: Loosening the joints

Surya Namskar: for children (10steps) Bihar School of Yoga Model Vivekananda Kendra Model

Unit II: Asanas: Vrkshasana, Parivrtha Trikonasana, Virabhatrasana, Garudasana, Padahastasana, Ushtrasana, Sirshasana, Halasana, Sarvangasana, Matsyasana, Bhujangasana, Salabhasana, Dhanurasana, Navasana, Nouhasana, Siddha yoniasana, Ardha Matsyendrasana, Paschimottanasana, Baddha Konasana, Kukutasana, Padmasana, Vajrasana, Siddhasana, Savasana

Unit III: Pranayama Yogic Breathing Kapalbhati, Bhramari Ujjayi, Sheetali, Sheetkari, Bhastrika, Nadi Shodhana

Unit IV: Kriyas Jalaneti, Sutraneti

Bandhas

Jalandhara Bandha, Moola Bandha, Uddiyana Bandha

#### Mudras

Chin mudra, chinmaya mudra, adi mudra, Brahma mudra, Bhairava mudra, Bhairavi mudra, bhairavi mudra, Shanmuki mudra, Vipareeta karani Mudra, yoga mudra, ashwini mudra, nasiga mudra

Unit V: Meditation

Yoga nidra, Rajayoga meditation, Trataka Meditation, Chakra Meditation, Nine-centered Meditation, Preksha Meditation, Mindfullness based stress Reduction Technique

## **B.SC YOGA - DSE**

## PART - A

#### **USAGE OF PROPS**

## Unit I:

Yogic practices – benefits of yogic practices, yoga for healthy life and professional life

Unit II:

Meaning and need of props – concepts of props – benefits of props

Unit III:

Wooden brick and foot rest

Belts

Ropes

Slanting planks

Chair

Unit IV:

Stool

Bench & box

The heart rack

Ladder stool and drum

Unit V:

Bolsters and pillows

Bandage

Weights

Horse (big & small)

#### References:

- 1) Hoger (1990) Fitness and wellness, Colorado: Morton Publishing company
- 2) GirijaShyamsundar (2007) Nutrition perspectives Chennai: University of Madras
- 3) Swami Sivananda (2007) Health and Hygiene Sivanandanagar: The Divine life society
- 4) Lily PritamTelu Ram (1981) Health and Hygiene, Delhi: Vikas publishing House pvt ltd
- 5) Raghavan (1965) Hand book of health educstionkaraiKudi: Meenal enterprises
- 6) Sunitha Pant Bansal (2008) Diet in diseases Delhi: PustakMahal
- 7) Yoga charyaSundaram (2004) diet and digestion Coimbatore: The yoga publishing house
- 8) Syd Hoare (1986) Keep fit, Hodder and Stoughton: Teach yourself books
- 9) Swami Sivananda (2011) Health and diet, Shivananda Nagar: The divine life society
- 10) AnandaBalayogiBhavanani (2007) A yogic approach to stress, Puduchery: Vivekananda Yoga Research foundation
- 11) Nagendra and Nagratha (2008) New perspectives in Stress Management, Bangalore: Vivekananda Yoga Research foundation
- 12) Arvindjanar (2004) yoga diet, Bangalore: Sai towers
- 13) Kathy Phillips ( ) The Spirit of Yoga London Cassell& Co
- 14) \_\_\_\_\_ (2016) Guidebook for QCI, Delhi, AYUSH
- 15) Krishna Raman (1998) A Matter of Health, Chennai: East West books (Madras) Pvt. Ltd
- 16) Elangovan (2018) Yoga Psychology, Chennai: Ashwin Publications
- 17) Elangovan (2016) Fundamentals of Yoga, Chennai: Ashwin Publications.

# ENVIRONMENTAL STUDIES

:n - Scope and Importance - Need for Public awareness

. if T 11

and Resources - Water - Forest - Minerals - Food Energy - land.

TE III

ronmental Pollution - Definition - Causes - Effects and control measure of Air pollution - Water - Soil - Noise - Nuclear. TIV

Social issues and the environment - Urban problems related to energy - Water conservation - Rainwater harvesting - Water shed management - Environment ethics - Climate change - Global warning - Acid rain - Ozone layer deletion.

ULITY

He am population and the environment - Population growth variation among nation - population explosion - Family welfare program - Environment - an-d hu . an wealth.

## Reference:

CF & Environmental Education centre, Chernai: Environmental studies for

courses, Bharathidasan University, Tiruchirapalli.

#### YOGIC DIET

#### Unit I:

Food in ancient texts and systems of medicine

Yogic diet: General introductions of Ahara; concept of Mitahara; Classification in yogic diet according to traditional Yoga texts; diet according to the body constitution (Prakriti) – Vata, Pitta and Kapha-Gunas

Concepts of Diet - Pathya and Apathya according to GherandaSamhita, Hatha Pradeepika and Bhagavad gita; importance of yogic diet in Yoga Sadhanaand its role in healthy living.

#### Unit II:

Diet and health, Nutrition and health, food, food for body and Mind, harmful food, dietary rules, Law of karma

Food stuffs - quality of food - organic eating

#### Unit III:

Yogic diet :Sattvic, Rajasic, Tamasic, Benefits of Yogic diet (Sattvic), characteristics of Rajasic and Tamasic food, Principles of Yogic diet

#### Unit IV:

Summer diet, diet for detoxing, brain – boosting diet – anti-stress diet – Super food for new mothers

#### Unit V:

Diet for diseases, diet for longevity and well-being

#### References:

- 1) Hoger (1990) Fitness and wellness, Colorado: Morton Publishing company
- 2) GirijaShyamsundar (2007) Nutrition perspectives Chennai: University of Madras
- 3) Swami Sivananda (2007) Health and Hygiene Sivanandanagar: The Divine life society
- 4) Lily PritamTelu Ram (1981) Health and Hygiene, Delhi: Vikas publishing House pvt ltd
- 5) Raghavan (1965) Hand book of health educationkaraiKudi: Meenal enterprises
- 6) Sunitha Pant Bansal (2008) Diet in diseases Delhi: PustakMahal
- 7) Yoga charyaSundaram (2004) diet and digestion Coimbatore: The yoga publishing house
- 8) Syd Hoare (1986) Keep fit, Hodder and Stoughton: Teach yourself books
- 9) Swami Sivananda (2011) Health and diet, Shivananda Nagar: The divine life society
- 10) AnandaBalayogiBhavanani (2007) A yogic approach to stress, Puduchery: Vivekananda Yoga Research foundation
- 11) Nagendra and Nagratha (2008) New perspectives in Stress Management, Bangalore: Vivekananda Yoga Research foundation
- 12) Arvindjanar (2004) yoga diet, Bangalore: Sai towers
- 13) Kathy Phillips ( ) The Spirit of Yoga London Cassell& Co
- 14) \_\_\_\_\_ (2016) Guidebook for QCI, Delhi, AYUSH
- 15) Krishna Raman (1998) A Matter of Health, Chennai: East West books (Madras) Pvt. Ltd
- 16) Elangovan (2018) Yoga Psychology, Chennai: Ashwin Publications
- 17) Elangovan (2016) Fundamentals of Yoga, Chennai: Ashwin Publications.

#### METHODS OF NATUROPATHY

Unit I: Meaning – Definitions – Scope – Principles and Philosophy of Naturopathy
Modalities of Naturopathy: Diet therapy, fasting therapy, mud therapy, hydro
therapy, colon hydrotherapy, Massage therapy, air therapy, chromo therapy,
Magentotherapy, Sun rays

Unit II: Mud therapy: Mud pack, Chest pack, Mud Bath, Mud pack for face, Knee mud pack, Wet-sheet pack for the whole body, Banana leaf bath

Unit III: Hydro therapy: Enema, Hip Bath, alternative hip bath, Stiz Bath, Spinal Bath, Spinal spray bath, Foot and arm bath, Hot foot bath, Arm bath.

Unit IV: Steam bath

Sunna bath, Sponge bath, inmussion bath, Friction bath

Under water massage,

Wet sheet pack, chest pack, knee pack,

Local steam, steam inhalation, Jet spray massages

Color Hydrotheraphy, Whirlpoon bath.

Unit V: Naturopathy Diet (Eliminative, soothing, constructive)

Fasting, Sunbath, Air bath, massage

## References:

Johi, K.S (2008) Speaking of yoga nature-cure Therapy, New Delhi: New dawn press group

Bakhren H.K (2011) The complete hand book of Nature cure, Ahmadabad: Jaico publication house

Chidarard da Murthy (2011) Yoga and Naturopathy, New Delhi: Central council for research in yoga and Naturopathy

Basavaraddi V Ishwar (2012) Important therapeutic modalities used in Naturopathy, New Delhi: Central council for research in Yoga and Naturopathy.

## **YOGIC PRACTICES - V**

Unit 1: Loosening the joints

Pawanmuktasana series

Suryanamaskar: Sivananda model, Chandranamaskar

Unit 2: Asanas

Virabhadrasana, Parsvottanasana, Utthita Trikonasana, Adhomukha Svanasana, Karnapitasana, Kandharasana, Tittibhasana, Padma Sarvangasana, Salamba Sirshasana, Gomukhasana, Setu Bandhasana, Chakrasana, Trianga Mukhaikapada Paschimottanasana, Marichyasana, Virasana, Svastikasana, Shashangasana, Garudasana, Mayurasana, Padma mayurasana, Bhadrasana, Simhasana, Akarna Dhanurasana, Parsvakonasana, Savasana

Unit 3: Pranayama

Moorchapranayama

Anuloma viloma

Sadanta Pranayama

Pranayama with Kumbhaka and bandhas

Kriya

Dandadhauti, Vatsara dhauti, Nauli (Madhyama, vama, Dakshina)

Unit 4:

Mudras: Yoni mudra, Lotus mudra, Dhyani mudra, Sakthi mudra, Shambavi mudra, Pashinee mudra, Maha Bheda mudra, Ksepana mudra

Unit 5: Meditation: DRT, walking meditation, Vipasana meditation, nine centred meditation, yogic sukshma vyayama, Sudharshana kriya, Zen meditation, Savita ki dhyan Dharana, Mind Sound Resonance technique.

## References:-

- Iyenger B.K.S (1976) Light on yoga, London, Unwin paperpacks.
- Sivananda Sarawathi swami (1934) Yoga Asanas Madras: My magazine of India.
- Satyanada sarawari swami (2008) Asana, Pranayama, Mudra, Bandha, munger: Yoga publications trust.
- Iyenger B.K.S (2008) Light on pranayama, New Delta Haper Collins
   publishers India
- Chandrasekaran k (1999) Sound Health Through Yoga, Sedapatti: Prem kalyan Publications
- Vishnu Devananda Swami (1972) The complete Illustrated book of yoga, New York: Pocket Books.
- Yogeshwaranand saraswathi swami (1975) First steps to higher yoga,
   Gangothari: Yoga niketan trust.
- Coulter, H David (2001) Anatomy and Hetha yoga, USA: Body and Breath Inc.
- Kirk Martin (2006) Hatha Yoha Illustrated Champaign: Humenkinetics
- Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.
- Gharote (2004) Applied yoga, Lonvla: Kaivalyadhama.
- Kathy Lee Kappmeier and Diane M.Ambrosini (2006) Instructing Hatha Yoga, Champaign: Human Kinetics.
- Satyananda sararwati Swami (2007) Meditations from thitantras. Murgar yoga publications Trust.

#### YOGA AND FITNESS

#### Unit I:

Health: Goals of life- Adhi and Vyadhi, Kleshas, Koshas, Doshas, factors affecting health- Panchamahabhudas, stages of development of disease- Mental and emotional ill-health Yogic rules for good health, Dimension of health, causes of ill-health, pillars of health. Role of yogic positive attitudes (Maitri, Karuna, Mudita and Upeksha) for healthy living, conept of Bhavas and Bhavanas with its relevance in Health and well-being.

#### Unit II:

Fitness: Meaning, Definition, compenents and scope of fitness, yogic practices for promoting the components of fitness: Endurance, strength, speed, flexibility, agility and balance. Natural fitness – Allround fitness – Benefits of fitness

Stamina and activities – yogic practices – Aerobic exercises – Similar and dissimilarities of yogic practices and exercises

#### Unit III:

Human systems, fitness and Yoga- skeletal – muscular - cardiovascular – respiratory – digestive – haematalogical – renal – endocrine – nervous – reproductive – special senses

#### Unit IV:

Fitness after illnesses

Fitness for professionals

#### Unit V:

Management of fitness equipment – props – laboratory facilities for fitness

#### References:

- 1) Hoger (1990) Fitness and wellness, Colorado: Morton Publishing company
- 2) GirijaShyamsundar (2007) Nutrition perspectives Chennai: University of Madras
- 3) Swami Sivananda (2007) Health and Hygiene Sivanandanagar: The Divine life society
- 4) Lily PritamTelu Ram (1981) Health and Hygiene, Delhi: Vikas publishing House pvt ltd
- 5) Raghavan (1965) Hand book of health educstionkaraiKudi: Meenal enterprises
- 6) Sunitha Pant Bansal (2008) Diet in diseases Delhi: PustakMahal
- 7) Yoga charyaSundaram (2004) diet and digestion Coimbatore: The yoga publishing house
- 8) Syd Hoare (1986) Keep fit, Hodder and Stoughton: Teach yourself books
- 9) Swami Sivananda (2011) Health and diet, Shivananda Nagar: The divine life society
- 10) AnandaBalayogiBhavanani (2007) A yogic approach to stress, Puduchery: Vivekananda Yoga Research foundation
- 11) Nagendra and Nagratha (2008) New perspectives in Stress Management, Bangalore: Vivekananda Yoga Research foundation
- 12) Arvindjanar (2004) yoga diet, Bangalore: Sai towers
- 13) Kathy Phillips ( ) The Spirit of Yoga London Cassell& Co
- 14) \_\_\_\_\_ (2016) Guidebook for QCI, Delhi, AYUSH
- 15) Krishna Raman (1998) A Matter of Health, Chennai: East West books (Madras) Pvt. Ltd
- 16) Elangovan (2018) Yoga Psychology, Chennai: Ashwin Publications
- 17) Elangovan (2016) Fundamentals of Yoga, Chennai: Ashwin Publications.

#### Part IV: Value Education

UNIT-I Value Education - Definition - relevance to present day - Concept of Human Values - self introspection - Self esteem.

UNIT-II Family values - Components, structure and responsibilities of family - Neutralization of anger - Adjustability - Threats of family life - Status of women in family and society - Caring for needy and elderly - Time allotment for sharing ideas and concerns.

UNIT-III Ethical values - Professional ethics - Mass media ethics - Advertising ethics - Influence of ethics on family life - psychology of children and youth - Leadership qualities - Personality development.

UNIT-IV Social values - Faith, service and secularism - Social sense and commitment - Students and Politics - Social awareness, Consumer awareness, Consumer rights and responsibilities - Redressal Mechanisms.

UNIT-V Effect of international affairs on values of life/ Issue of Globalization - Modern warfare - Terrorism. Environmental issues - mutual respect of different cultures, religions and their beliefs.

#### Reference Books:

- 1. T. Anchukandam and J. Kuttainimathathil (Ed) Grow Free Live Free, Krisitu Jyoti Publications, Bangalore (1995)
- 2. Mani Jacob (Ed) Resource Book for Value Education, Institute for Value Education, New Delhi 2002.
- 3. DBNI, NCERT, SCERT, Dharma Bharti National Institute of Peace and Value Education, Secunderabad, 2002.
- 4. Daniel and Selvamony Value Education Today, (Madras Christian College, Tambaram and ALACHE, New Delhi, 1990)
- 5. S. Ignacimuthu Values for Life Better Yourself Books, Mumbai, 1991.
- 6. M.M.M.Mascaronhas Centre for Research Education Science and Training for Family Life Promotion Family Life Education, Bangalore, 1993.