

ANAND AYURVED COLLEGE, VAIJAPUR

ADVANCE TEACHING PROGRAMME [ATP]

DEPARTMENT OF RASASHASTRA & BK

THEORY

YEAR-SECOND B.A.M.S. (2023)

BATCH: OCTOBER 1

APPEARING EXAMINATION:- JANUARY 2025

FIRST DATE OF II TERM: -

EXPECTED LAST DATE OF LAST TERM: -

NUMBER OF TOTAL STUDENTS: -56

NUMBER OF MAXIMUM LECTURES-PRESCRIBED FOR WHOLE YEAR-150

NUMBER OF MAXIMUM LECTURES PRESCRIBED PER WEEK AS PER TIME TABLE-5

NUMBER OF TEACHERS AVAILABLE IN DEPARTMENT- 02

**Course curriculum for Second Professional BAMS (PRESCRIBED
BY NCISM)**

Swasthavritta evam Yoga

(SUBJECT CODE : AyUG-SW)

NCISM

**II Professional
Ayurvedacharya
(BAMS)**

Subject Code : AyUG-SW

Summary

| Total number of Teaching hours: 400 | | | |
|-------------------------------------|-----|-----|----------|
| Lecture hours(LH)-Theory | | 150 | 150(LH) |
| Paper I | 75 | | |
| Paper II | 75 | | |
| Non Lecture hours(NLH)-Theory | | 250 | 250(NLH) |
| Paper I & II | 75 | | |
| Non Lecture hours(NLH)-Practical | | | |
| Paper I & II | 175 | | |

| Paper 1 Principles of Swasthavritta, Yoga and Naturopathy | | | | | | | | |
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| Sr. No | A2 List of Topics | B2 Term | C2 Marks | D2 Lecture hours | E2 Non-Lecture hours | Name Of Faculty | Date/Month | |
| 1 | <p>Swastha and Swasthya Definition of Swasthavritta and its objective. Swasthalakshanas, Arogyalakshanas, Dhatusamyalakshanas. Concept of Health & Operational definition of health. Importance of Shodhana in Swastha in relation to Sanchita & Asanchitha Dosha & Classification of Swastha purusha as Sanchita dosha and Asanchita Dosha. Dimensions of health -Physical, Mental and Social. Concept of well-being : objective component of well-being - standard of living and level of living and subjective component of well-being - Quality of Life. One health concept / Vasudhaiva Kutumbakam” or “One Earth · One Family- One Future”.</p> | 1 | 6 | 3 | 0 | Dr Barate | OCT | |

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| 2 | <p>Healthy Life style - Dinacharya (Daily regimen) Concept of Primordial, Primary, Secondary and Tertiary Prevention along with examples in Ayurveda. Importance of Ahara and Vihara as the health promotive and disease preventive measures. Importance of Niyata kala vihara (Dinacharya, Ritucharya) and Aniyata kala Vihara(Vegadharana, Vegaudirana, Ritushodhana, Brumhana and Bhutadi asparshana) for health promotion and disease prevention. Concept of waking up at 'Brahme muhurta' in the present scenario and the effect of early rise on health, sleep, alertness and memory. UshaJalapana' (Drinking water in early morning). Importance of Malatyaga in vata kaala - early morning (Good Bowel Habits.). Mukhaprakshalana and face washes used currently. Concept of Dantadhavana and modern-day brushing techniques and dentifrices. Concept of Jihwanirlekhana and the tools used in today's era and their benefits. Concept of Anjana as a health promotive measure. Kavala and gandusha for oral hygiene including mouthwashes available in the market. Abhyanga as as health promotive measure. Importance of the Tambula. Prayogika Dhoomapana (</p> | 1 | 38 | 8 | 5 | Dr Priti | OCT | |
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| <p>Practicable & non-practicable Dhoomapana-inhalation of herbal fumes/ herbal inhalers with their benefits and contraindications. Ill effects of tobacco smoking of various sorts viz. beedi, cigarette, hookah on health. Applied aspects of Sarvanga Abhyanga, Padabhyanga, Shiroabhyanga and their possible physiological effects. Application of Abhyanga according to different age groups and occupation/activity. Different snehas/oils to be used for daily abhyanga as per seasons and geographical variations. Concept of Vyayama and present-</p> | | | | | | | |
| <p>day practices such as aerobic exercises, muscle strengthening exercises etc.to be practiced as per prakriti, age and occupation. Ardhashakti lakshanas of vyayama and the consequences of ati vyayama. Udwartana, Utsadana Udgharshana . Snana- Types of different types of bath and Physiological effects of snana on body and mind. Importance and benefits of Anulepana. Merits and demerits of present-day applications like face powder, face pack, balm, lotions, lipsticks, deodorants and perfumes etc. Importance of proper clothing</p> | | | | | | | |

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| | (Vastradharana) in social life. | | | | | |
| 3 | <p>Ratricharya Ratri bhojanvidhi and its relation to health. Ratri shayana vidhi in relation to the proper time of sleep. Relation between Nidra and health. Effects of Yukta & Ayukta nidra. Effects of Ratri Jagarana, Diwaswapna, Anidra, Atinidra and Akala Nidra. Ahara and Vihara Causing sound sleep as well as disturbed sleep. Formulation of the duration of sleep according to age and Sleep in healthy and ailing persons. Various Aspects of Sleep like: a. Daytime Sleepiness and Alertness b. Sleep Deprivation c. Sleep and Host Defense d. Master Circadian Clock and Master Circadian Rhythm e. Human Circadian Timing System and Sleep-Wake Regulation f. Circadian Rhythms in Sleepiness, Alertness, and Performance g. Circadian Disorders of the Sleep-Wake Cycle. Sleep apnea , insomnia, narcolepsy and restless leg syndrome. Solutions to Asatmya jagarana (sleep disorders). Importance of observing brahmacharya and abrahmacharya in ratricharya in relation to health. Brahmacharya with special reference to lifestyle guidelines. Reproductive and sexual health according Ayurveda.</p> | 1 | 6 | 2 | Dr Barate | OCT |

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| 4 | <p>Ritucharya Classification of kaala , Adana kala and visarga kala , identification of seasons based on the ritu lakshanas in different geographical areas. Sanchaya- Prakopa- Prashamana of Dosha with their gunas in each ritu. Relation of Agni , Bala and Ritu with its application. Ritu shodhana for the prevention of diseases. Pathya - Apathya in regards to Ahara -Vihara in all six ritus in present scenario. Importance of ahara and vihara in ritu sandhi and Yamadanshra kala. Rituharitaki as a rasayana with research updates. Effects of Rituviparyaya on health and its relation to janapadaudhwamsa/maraka vyadhis with present day examples.</p> | 1 | | 5 | 2 | Dr Barate | OCT |
| 5 | <p>Roganutpadaniya Concept of vegadharana and vegaudirana in relation to health and morbidity.Symptoms and management principles of adharaniya vega janya vyadhis from</p> | 1 | 13 | 2 | 1 | Dr Barate | OCT |
| | <p>bruhatrayee.Concept of vegaudirana (viz. Use of snuffing powder, forcible evacuation of bowels & bladder etc.). Importance of dharaniya vegas in promotion of mental health.</p> | | | | | | |
| 6 | <p>Sadvritta Sadavritta measures for the maintenance of personal ,social and spiritual health. Observance of Sadvritta for the prevention of Adharma. Achara Rasayana" and its role in the prevention and control of diseases.Characteristics of a mentally healthy person, warning signals of poor mental health, types of mental illness and causes of mental ill-health. Mental health services and comprehensive mental health programme. Role of trigunas and satvavajaya in mental health promotion in present era. Digital health promotion</p> | 1 | | 2 | 1 | Dr Priti | OCT |

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| 7 | <p>Ahara</p> <p>Significance of Ahara for health and well-being according to Ayurveda & Contemporary science. Classification of ahadravyas as per Ayurveda & Contemporary science.</p> <p>Ahara vidhividhana, Ahara sevanakala & Dwadasha ashanpravicharana . Applied aspect of Pathyahara, Apathyahara, Samashana, Adhyashana, Vishamashana. Ahara &vihara leading to Santarpanjanya evam Apatarpanajanyavyadhi and importance of upavasa and concept of intermittent fasting. Benefits of Shadrasabhojana. Importance of Ashta aharavidhivisesha ayatanani in present era. Importance of Nityasevaniyadravyas in the maintenance of health. Properties (Guna& karmas) of Ahara dravyas in the following vargas with their nutritive value: Dhanyavarga – Shuka Dhanya (Cereals and Millets), Shami Dhanya (Pulses), Shaka and Haritavarga (Leafy and Non leafy vegetables), Kanda varga (roots and tubers), Phalavarga (Fruits), Taila varga (Fats and Oils), Ikshuvarga (Sugarcane Products) &Madyavarga(Alcoholic Beverages), Dugdhavarga (Milk and Milk products), Ahara UpayogiVarga (Spices & Condiments), Kritannavarga(Prepared Food), Mamsavarga (Meat types) and JalaVarga.Definition of Pro-biotics and Pre-biotics and their utility. Proximate principles of Food - Recommended Daily Allowance according to various conditions, Sources and deficiency diseases of Protein, Carbohydrate, Fats, Vitamins, and Minerals. Definition of Balanced diet and diet for an individual depending on age, body weight and physiological status and Social Aspects of Nutrition.Food hygiene, Sanitation of eating places, Preservation of food, Food handlers, Foodborne diseases, Food fortification, Food adulteration and Food toxicants. Milk Hygiene, Milk</p> | 1 | 20 | 20 | 15 | Dr Priti | NOV |
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| | composition, Source of infection for Milk, Milk borne | | | | | | |
| | diseases, Clean and Safe milk and Pasteurization of milk Meat Hygiene, Meat inspection, Slaughterhouse and Freshness of fish and egg. Safety and hygiene measures for Fruits and Vegetables. Formulation of Pathya-Apathya diet for prevention of lifestyle disorders such as Obesity, Diabetes mellitus, Cardiovascular diseases and Acid peptic diseases. Description of Food safety and standards regulation (Ayurveda Ahara Regulations), 2022 and Food safety and standards Act, 2006. Different Dietary Supplements and Ergogenic Aids. Impact of different dietary patterns: Mediterranean diet, Keto Diet, DASH diet, the MIND diet, Vegan diet, Ovo-lacto-vegetarian, Pesco-vegetarian, Plant-based diet, Intermittent diet, the Nordic diet, importance of organic foods, merits and demerits of genetically modified foods and inflammatory foods such as fried foods, cookies, hot dogs, red meat, refined grains, pizza, burger etc., and instant foods like Maggi etc., Concept of slow and fast foods and impact of cooking processes like boiling, steaming, sautéing, fermenting etc. (samskara) on health. Definition of Nutraceuticals, Nutrigenomics, Nutrigenetics. Concept of Viruddhaahara with classical and modern-day examples and the application of this in the prevention of diseases | | | | | Dr Priti | |
| 8 | Rasayana for Swastha Definition of Rasayana and benefits of Rasayana. Classification and types of Rasayana with examples. Urjaskara Rasayanas as per age and occupations /Activities .Antioxidant & immunomodulatory effects of Rasayana with reference to research articles. Importance of lifestyle counselling with its methods. | 1 | 5 | 2 | 2 | Dr Priti | NOV |

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| 9 | <p>Yoga</p> <p>Etymology/derivation of the word 'Yoga'. Definitions of Yoga according to PatanjaliYogasutras, Bhagavad Gita and Charaka Samhita. Difference between Rajayoga, Hathayoga and Karmayoga.Yogabhyasa Pratibhandhakas and Yoga Siddhikarabhavas. Mitahara and Pathya-apathyas during Yogabhyasa . Concept of Panchakosha theory. Description of Ashtangas of Yoga - Yama , Niyama , Asana .Pranayama , Pratyahara, Dharana, Dhyana and Samadhi. Suryanamaskara . Description of Shatkarmas - Dhauti, Basti, Neti, Trataka, Nauli, and Kapalabhati.Bandha - procedure and benefits of Mulabandha, Jalandharabandha and Uddiyanabandha. Mudras - Shanmukhi mudra and Jnana mudra. Shatchakras and their importance in Yoga practice. Description of Ida-Pingala-Sushumna nadis and their importance in yoga practice.Concept of Moksha according to Charaka , Muktatmalakshana and Moksha upayas.Importance of International Day of Yoga (IDY).</p> | 2 | 18 | 22 | 6 | Dr Barate | NOV |
| | Adverse effects of improper Yoga practices | | | | | | |
| 10 | <p>Naturopathy</p> <p>Basic principles of Naturopathy. Concept of Panchabhutopasana.Therapeutic effects of Mud therapy. Therapeutic effects of Sun bath. Fasting therapy - its types and benefits. Hydrotherapy - types of water used based on the temperature and therapeutic effects of Hydrotherapy. Therapeutic effects of Massage</p> | 2 | | 5 | 4 | Dr Priti | NOV |
| Total Marks | | | 100 | 75 hr | 37 hr | | |

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| 11 | <p>Janapadodhwamsa / Maraka Vyadhi Causes of Janapadodhwamsa/ maraka vyadhi. Manifestation and control measures of Janapadodhwamsa.Principles and uses of epidemiology. Dynamics of disease transmission.Theory of disease causation - epidemiological triad and natural history of disease.Concept of prevention, modes of intervention, risk factors, incidence and prevalence.Susceptible host and host defense. Immunizing Agents. Concept of vyadhikshamatwa.Investigation of an epidemic. Prevention and control of an epidemic. Sankramaka roga as per Ayurveda.Epidemiological determinants, brief pathology ,transmission, incubation period , clinical features, diagnosis and preventive measures of 1. Droplet Infections such as Chicken Pox, Measles, Rubella, Diphtheria, Pertussis, Mumps, Tuberculosis, SARS, Influenza, Pneumonia, Covid-19 and Leprosy. 2. Water borne Infections / intestinal infections - Cholera, Polio, Viral Hepatitis, Typhoid. 3. Intestinal infestations – Ascariasis, Hook worm and Tape worm. 4.Emerging and re-emerging diseases. Explain Role of Ayurveda in Epidemics like COVID-19, Zika Virus , H1N1,H3N2,etc., 5.Sexually transmitted diseases (STDs) with prevention and control - HIV/ AIDS, Syphilis and Gonorrhoea. Role of Ayurveda in the prevention and control with recent research updates of Lifestyle diseases such as DM, Obesity, Coronary artery disease (CAD) and Cancer. Epidemic Diseases (Amendment) Ordinance Act,2020 .,</p> | 2 | 10 | 37 | 10 | Dr Barate | NOV |
| 12 | <p>Environmental health Air: Properties of Vayu and composition of air. Changes in</p> | 2 | 16 | 10 | 5 | Dr Priti | NOV |
| | <p>air of the occupied room. Comfort zone and indices of thermal comfort. Air pollution -causes, prevention and control. Effects of air pollution on health and social aspects .Effects of Global warming with recent updates. Definition of ventilation and types of Ventilation. Effects of high altitude and mountain air on health.Water : Safe and wholesome water and water requirements. Properties of water from different sources. Water pollution and health hazards. Contemporary and Ayurvedic methods of water purification. Hard Water - its effects on health and methods of removal of hardness. Quality of water stored in different vessels as per classics. Rain water harvesting - methods and its importance.Soil : Types of soil and relation between soil and health. Land pollution - its prevention and control. Land purification as per the classics. Social goals of Housing and Housing standards. The Building and other construction workers (Regulation of employment and conditions of services)</p> | | | | | Dr Priti | |

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| | <p>Act, 1996 Effects of housing on health.</p> <p>Overcrowding and its impact on health. Light: Good lighting, natural lighting and artificial lighting. Biological effects of lighting.Noise : Definition of noise and its sources, effects on health and control measures. Radiation: Radiation - sources and effects on health and control measures.Waste disposal : Types of solid waste, Storage and collection of refuse. Methods of disposal of solid waste (Rural & urban). Excreta Disposal methods & Sanitary Latrines. Modern Sewage disposal methods. Disposal methods of Excreta during camps, fairs, and festivals. Bio-medical waste management and Bio- medical waste management rules, 2016. Environment protection Act,1986.</p> | | | | | | |
| 13 | <p>Disaster management</p> <p>Definition of disaster and disaster management. Effects of natural and man-made disasters.Epidemiologic surveillance and disease control measures.</p> | 2 | | 1 | 2 | Dr Barate | DEC |
| 14 | <p>Occupational Health</p> <p>Definition of occupational health and Ergonomics. Occupational Hazards and Occupational diseases. Prevention and control of Occupational diseases . ESI Act ,1948 and The factories Act.1948. Role of Ayurveda in various Occupational health problems. The Merchant Shipping / Medical Examination Rules,2000</p> | 2 | 20 | 3 | 3 | Dr Priti | DEC |
| 15 | <p>School health services</p> <p>Health problems of school children. Aspects of school health services.Duties of school medical officers. Healthy environment in the school.</p> | 2 | | 2 | 3 | Dr Barate | DEC |
| 16 | <p>Disinfection</p> | 2 | | 2 | 3 | Dr Barate | DEC |
| | <p>Definition of different term used in relation to disinfection. Types of disinfection. Natural agents, Physical agents and Chemical agents of disinfection. Recommended disinfection procedures of feces & urine, sputum, and room. Ayurvedic disinfection methods.</p> | | | | | Dr Priti | DEC |
| 17 | <p>Primary health care</p> <p>Definition of Primary Health Care. Principles and elements of primary health care. Levels of health care. Structure of Primary health care at village, sub-center, Primary health center (PHC), Community health center (CHC) and Rural hospital levels. Primary health care in Health insurance, Private agencies, Voluntary health agencies, NGOs and the AYUSH sector. Role of Ayurveda in Primary Health Care.</p> | 2 | 20 | 2 | 1 | Dr Priti | DEC |
| 18 | <p>Mother and Child health care</p> <p>Objectives of Maternal and Child Care services. MCH problems & indicators of MCH care.</p> | 2 | | 1 | 1 | Dr Priti | DEC |

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| 19 | Family welfare programme Definition of Demography and sources of demographic statistics in India. Demographic cycle & definition of life expectancy. Definition of family planning, eligible couple and target couple. Objectives of family planning. Problems of population explosion . National population policy. Methods of Contraceptive (Fertility Regulating Methods). | 2 | | 2 | 2 | Dr Barate | DEC |
| 20 | Preventive Geriatrics Health problems of the aged and prevention and control measures. Relation between lifestyle and healthy aging. Role of Rasayana in preventive geriatrics. | 2 | | 1 | 1 | Dr Priti | DEC |
| 21 | World Health Organization and International health agencies Definition of World Health organization. Structure, regions, and works of the World Health Organization. Functions of various international health agencies - United Nations health agencies, Bilateral health agencies and Non- Governmental agencies. Contribution of the World health organization to the global acceptance of Ayurveda. | 2 | 19 | 3 | 1 | Dr Barate | DEC |
| 22 | Vital Statistics Definition of Vital Statistics. Sources of Vital statistics. Fertility , Morbidity and Mortality rates. Registration of Birth and Death Act, 1969 | 2 | | 1 | 1 | Dr Priti | DEC |
| 23 | Health Administration Health administration including AYUSH at the Central, State, District, and Village levels. | 2 | | 2 | 1 | Dr Barate | DEC |
| 24 | National Health Programmes | 2 | 15 | 7 | 3 | Dr Priti | DEC |
| | National Health Programs : Leprosy(NLEP), AIDS (NACP), Blindness (NPCB), Polio , National TB Elimination program , Vector born disease control program, RCH program, ICDS program, Universal Immunization program, National mental health program , National Program for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS) , Swachha Bharat mission, Ayushman Bharat Yojana, Ayushman Bharat Digital Mission, National health mission (NRHM&NUHM), National AYUSH Mission (NAM). National nutrition programs: National Iodine Deficiency Disorders Control program, National Iron Plus Initiative for Anemia Control, National Vitamin A prophylaxis program, Mid-Day Meal program & Balwadi nutrition program. | | | | | Dr Priti | DEC |
| 25 | National Health Policy National Health Policy (NHP) and the scope of Ayurveda in NHP. | 2 | | 1 | 1 | Dr Barate | DEC |

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| Total Marks | 100 | 75 hr | 38 hr | | |
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| PRACTICALS (Marks-100) | | | | | |
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| S.No | List of Topics | | | Term | Hours |
| 1 | Dinacharya | | | 1 | 25 |
| 2 | Disinfectants | | | 1 | 2 |
| 3 | Ahara | | | 1 | 30 |
| 4 | Health Education (IEC) | | | 2 | 10 |
| 5 | Yoga performance | | | 2 | 35 |
| 6 | Community survey | | | 3 | 20 |
| 7 | Local Health Educational Visits | | | 3 | 36 |
| 8 | Visit to Observe National Health Programs and Ayurveda Centre | | | 3 | 12 |
| 9 | Monitoring of health and hygiene | | | 1 | 5 |
| S.No | Name of practical | Term | Activity | Practical hrs | |

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| 1 | Dinacharya | 1 | <ol style="list-style-type: none"> 1. Analyze the composition of different Dantadhawana Churnas/ Tooth pastes and tooth brushes available in the market 2. Analyze different Jivwa Nirlekhana Yantra (Tongue cleaners) available in the local area/ market 3. Demonstrate the procedure of kavala and gandusha with appropriate liquids /dravyas for swastha 4. Demonstrate Anjana procedure as per local traditions and advise different types of Anjana for swastha. 5. Demonstrate Pratimarsha Nasya with Anutaila/ Sesame oil and prescribe the appropriate taila for Pratimarsha Nasya for swastha. 6. Demonstrate Prayogika Dhoomapana (Practicable and Non- practicable Dhoomapana)and advise prayogika dhoomapana dravya for swastha. 7. Demonstrate the procedure of Abhyanga techniques for full body abhyanga, padabhyanga and shiroabhyanga and prescribe suitable Taila for Abhyanga for Swatha. 8. Demonstrate the procedure of Udwartana techniques and prescribe suitable dravya for Udwartana for Swatha. 9. Prescribe appropriate dinacharya module regarding ahara and vihara as per age and occupation /activity. 10. Advise /counsel people regarding healthy lifestyle based on the Ayurvedic principles (one student should counsel at least five person and should be documented). | 25 | |
| 2 | Disinfectants | 1 | <p>Identify and demonstrate the suitability, dose, dilution, and contact period of the following disinfectants : Bleaching powder, Dettol, Lysol, Savlon . Observe the procedure of fumigation of the operation theatre. Write the mode of working and uses of an autoclave.</p> | 2 | |

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| 3 | Ahara | 1 | <p>Collect, compile and document region wise different varieties of Ahara Varga (Millets, cereals, pulses, vegetables, varieties of milk/oil/honey/ available in the market).</p> <p>Demonstrate the therapeutic indication and nutritive values of Pathya kalpanas a. Manda b. Peya c. Vilepi d.Yavagu e.Odana f. Krishara g.Yusha h.Takra .</p> <p>Prepare the dietary regime according to different Prakriti. Prepare/Prescribe the dietary regime for different occupations / activities, age groups, and physiological conditions. Prepare/Prescribe the diet and lifestyle regimen(pathya- apathya) with reference to Ahara and Vihara for each ritu. Conduct diet counselling according to prakriti, agni, sara, satva, age, sex, occupation/ activity, and prevailing season based on the regional food habits with serving sizes with different food exchange/options for 5 persons. Assess various anthropometric variables like weight, height, and BMI and mid-arm circumference etc., in order to assess the state of nutrition of five individuals.</p> | 30 | |
| 4 | Health Education (IEC) | 2 | <p>Demonstrate communication methods for health education. Demonstrate/ Present different health education materials (dinacharya practices, Sadvritta practices, family planning methods, breastfeeding techniques, etc.) patients and general public .</p> | 10 | |
| 5 | Yoga performance | 2 | <p>Perform four Standing Postures namely - Ardhakatichakrasana, Padahasthasana, Ardhachakrasana, and Trikonasana step by step with sthiti, main procedure and vishrama.</p> <p>Perform eleven Sitting Postures namely - Swasthikasana,Gomukhasana, Padmasana, Vajrasana, Bhadrasana, Shashankasana, Ushtrasana, Pashchimottanasana, Suptavajrasana, Ardhamatsyendrasana, and Siddhasana step by step with sthiti, main procedure and vishrama.</p> <p>Perform seven Supine Postures namely -</p> | 35 | |

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| | | | Pavanamuktasana, Sarvangasana, | | |
| | | | <p>Matsyasana, Halasana, Chakrasana, Shavasana, and Setubandhasana step by step with sthiti, main procedure and visrama</p> <p>Perform four Prone Postures namely - Bhujangasana, Shalabhasana, Dhanurasana, and Makarasana step by step with Sthiti, main procedure and vishrama. Perform Jananeti and kapalbhati . Perform Anuloma – Viloma Pranayama in a comfortable sitting posture. Perform Nadishuddhi Pranayama with inhalation- retention-exhalation in the ratio of 1:4:2 in a comfortable sitting posture. Perform Kumbhakabhedas namely - Suryabhedana, Ujjayi, Sitkari, Shectali, Bhastrika and Bhramari.</p> <p>Demonstrate and instruct Common Yoga Protocol of IDY (International Day of Yoga).</p> | | |
| 6 | Community survey | 3 | <p>Conduct minimum 05 Family surveys using a structured questionnaire in specific rural populations and report the survey findings and discuss possible solutions to the family.</p> <p>Conduct minimum 05 family surveys using a structured questionnaire in specific urban populations and report the survey findings and discuss possible solutions to the family.</p> | 20 | |

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| 7 | Local Health Educational Visits | 3 | <p>Report the functioning of milk dairies such as methods of processing and preservation of milk, testing of milk before and after pasteurization, and the standards of milk & milk products. Report the various process involved in water purification plant. Report the processes involved in modern sewage treatment plant. Report the various measures adopted for the prevention and control of occupational diseases in any industry. Report the food safety standards and methods of food processing techniques adopted in any food industry. Report the various treatment modalities adopted in Naturopathy and Yoga canthers.</p> <p>Note : Swasthavritta, Agada Tantra.</p> | 36 | |
| | | | Dravyaguna & Rasashastra - Combined out campus visits can be palled wherever feasible. | | |
| 8 | Visit to Observe National Health Programs and Ayurveda Centre | 3 | <p>Report the functioning of a Primary health centre/Community health centre/Rural hospital/District hospital with regards to the implementation of different National Health Programmes viz. infectious disease control, immunization, ANC, Family planning etc.</p> <p>Report the structure and functioning of a Ayurveda Dispensary/ Taluk Hospital /District Hospital available in the district.</p> | 12 | |
| 9 | Monitoring of health and hygiene | 1 | <p>Conduct periodic check-ups , collect demographic profile and clinical examination of allotted 2 subjects/Individuals - Assess Prakriti, Satva, Sara, etc.)for their health status / occupational health status and if any treatment is prescribed then coordinate the treatment under the overall guidance of the teacher/Mentor. Counsel and advice the allotted 2 subjects a healthy regime prescription and analyze their health status after following the healthy regime under the</p> | 5 | |

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| | | | overall guidance of the teacher/mentor. Document the maintenance of water sanitation, waste disposal including biomedical waste in the hospital. | | |
| | | | | Total Hr | 175 |