

# PARUL UNIVERSITY - FACULTY OF AYURVED

Department of Ayurved

## SYLLABUS FOR 2nd Year MS/MD PROGRAMME

### Kayachikitsa - Fundamentals of Kayachikitsa - Paper 1 (02208201)

Type of Course: MS/MD

Prerequisite:

Rationale:

Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Scheme					Total
Lect Hrs/ Year	Tut Hrs/ Week	Lab Hrs/ Year		External		Internal			
				T	P	T	CE	P	
100	-	100	-	100	100	-	-	-	200

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical

Contents:

Sr.	Topic	Weightage	Teaching Hrs.
1	<b>Rogi-Roga Pariksha:</b> Nidan Panchak, Trividha pariksha, Ashtavidhpariksha, Dashvidhpariksha in the light of recent advances. Clinical methods- Detailed history taking and patient examination, Systemic examination as per ayurveda and recent advances.	%	
2	<b>Interpretation of common investigations:</b> ECG, Echo cardiography, TMT, Spirometry, X-ray, USG, CT-Scan, MRI, EEG, EMG, in different pathological conditions	%	
3	<b>Principles of Chikitsa:</b> Detailed Knowledge of Principles of Chikitsa in Ayurveda. Types of Chikitsa. Principles and practices of Rasayana and Vajikarna	%	
4	<b>National health programs:</b> National Health Programmes and prospective role of Ayurveda services and therapeutics in them	%	
5	<b>Medical ethics, Common laws and regulations applicable to clinical practice:</b> Medical ethics, Common laws and regulations applicable to clinical practice	%	
6	<b>Common medical procedures:</b> Elaborate knowledge of undertaking common medical procedures like Ryle's tube feeding, tapping, transfusions, catheterization, tractions	%	

7	<b>Ayurveda Dietetics:</b> Importance of Pathya, Apathya and Anupana	%	
8	<b>Drug-drug interactions and adverse drug reactions, iatrogenic disorders:</b> Drug-drug interactions and adverse drug reactions, iatrogenic disorders	%	

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.

**List of Practical:**

1. Case records of 40 IPD Patients in Detail
2. Long case History-1
3. Short Case history-1
4. Medical procedures demonstration/ Panchakarma procedure Academic Competence evaluation-40 marks based on:

# PARUL UNIVERSITY - FACULTY OF AYURVED

Department of Ayurved

## SYLLABUS FOR 2nd Year MS/MD PROGRAMME

Kayachikitsa - Samamnya Roga Chikitsa - Paper 2 (02208202)

Type of Course: MS/MD

Prerequisite:

Rationale:

Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Scheme					Total
Lect Hrs/ Year	Tut Hrs/ Week	Lab Hrs/ Year		External		Internal			
				T	P	T	CE	P	
100	-	100	-	100	-	-	-	-	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical

Contents:

Sr.	Topic	Weightage	Teaching Hrs.
1	<b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of particular Srotogata vyadhi:</b>  Pranavahasrotas: Shwasa, Hikka, Kasa, Rajayakshma, Hridroga, Parshwashoola, Urakshata, Svarabheda Cardio-respiratory system: Bronchitis, Bronchiectasis, Bronchial asthma, COPD, Cor-pulmonale, Pneumonias, Occupational lung diseases, Pulmonary tuberculosis, Congenital Heart disorders, IHD, RHD- Valvular diseases, Cardiac failures, Cardiomyopathy, Pericarditis, Endocarditis, Hypertension	%	
2	<b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of particular Srotogata vyadhi:</b>  Annavahasrotas: Agnimandya, Ajirna, Aruchi, Amadosha, Amlapitta, Chhardhi, Shoola, Grahani. Gastrointestinal disorders: GERD, APD, Malabsorption Syndrome	%	
3	<b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of particular Srotogata vyadhi:</b>  Udakavahasrotas: Trishna, Shotha, Udararoga, water and electrolyte imbalance	%	

4	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Rasavaha srotas: Jwara, Amavata, Pandu, Madatyaya, Anaemias, Rheumatoid arthritis, Substance abuse disorders.</p>	%	
5	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Raktavaha Srotas: Raktapitta, Kamala, Vatarakta, Kushtha, Kshudraroga, Sheetpitta, Udarda, Kotha, Visarpa, Shvitra. Haemopoietic disorders, Bleeding and Coagulation disorders, Leukaemias, Thrombocytopenia, Disorders of Bone Marrow, Hepatobiliary disorders, Hepatitis, Cirrhosis, Cholecystitis, Liver abscess, Jaundice, Dermatological disorders, Parasitic, Infective, Allergic, Autoimmune skin disorders, Eczemas</p>	%	
6	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Mamsa-Medovahasrotas: Medoroga, Sthaulya, Prameha, Galaganda, Gandamala, Urustambha, Diabetes mellitus, over weight</p>	%	
7	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Asthi-Majjha vahasrotas: Asthikshaya, Sandhigataavata, Osteoarthritis, Osteopenia</p>	%	
8	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Shukravahasarotas: Such as Kalibya, Dwajabhanga. Impotence</p>	%	
9	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Mutravahasrotas: Mutrakricchra, Mutraghata, Ashmari, Urinary disorders: UTI, Lithiasis, ARF, CRF, Uraemia, BPH</p>	%	

10	<p><b>Nidana/ Chikitsa including Nidana Parivarjana, Pathya, Apathaya, Chikitsa siddhanta, Shamana, Shodhana, Panchakarma, Rasayana and Atyayika Chikitsa (Anupana, Drug/Non-drug) as per Ayurvedic and conventional therapeutics of following Srotogata vyadhi:</b></p> <p>Purishvaha srotas: Atisara, Pravahika, Anaha, Adhamana, Krimi, Udavarta, Enteritis, Dysenteries, Ulcerative colitis, IBS, Worm infestation</p>	%	
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Department of Ayurved

## SYLLABUS FOR 2nd Year MS/MD PROGRAMME

Kayachikitsa - Vishishta Roga Chikitsa - Paper 3 (02208203)

Type of Course: MS/MD

Prerequisite:

Rationale:

Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Scheme					Total
Lect Hrs/ Year	Tut Hrs/ Week	Lab Hrs/ Year		External		Internal			
				T	P	T	CE	P	
100	-	100	-	100	-	-	-	-	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical

Contents:

Sr.	Topic	Weightage	Teaching Hrs.
1	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b>  Vata-Vyadhi- Pakshavadha, Adharanga Vata, Sarvanga Vata, Ananta Vata, Gata Vata, Gridhrasi, Ardita, Akshepaka, Apatantraka, Ekangvata, Vishvachi, Avabahuka, Avarana. Musculoskeletal disorders: Myopathies, G B Syndrome, Muscular dystrophies, Lumbago Neurological disorders: Neurodegenerative disorders like Alzheimer's, Parkinsonism, CVA, Neuropathies, Facial palsy, Motor Neuron Diseases, Epilepsy, Sciatica	%	
2	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b>  Sankramakroga: Sheetala, Masoorika, Updansha, Phiranga, Gonorrhea, Chancroids, Syphilis	%	
3	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b>  Manasa vyadhi; Unmada, Apasmara, Atatvavinivesha, Mada, Moorcha, Sanyasa. Common psychiatric disorders: Classification of psychiatric ailments. Disorders of thought like Schizophrenia. Disorders of Mood like Mania, Depression. Neurosis, personality disorders, psychosexual disorders	%	

4	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Metabolic disorders: Gout, Dyslipidaemia, Atherosclerosis, Obesity	%	
5	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Endocrinal disorders; Disorders of Pituitary, Thyroid, Adrenal Medulla, Reproductive hormones	%	
6	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Parasitic/Infective/Communicable disorders: Shlipada, Filariasis, Vishama Jvara, Malaria, Manthara Jwara, Enteric Fever, Dengue, Chickenpox, Measles, Influenza, Kalaazar, Mumps, Rabies, Poliomyelitis, Plague, Meningitis, Encephalitis, Chickungunya, HIV/AIDs, Common worm infestations	%	
7	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Common neoplastic disorders and their management strategies. Role of Ayurveda medicines in cancer care including palliative care	%	
8	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Autoimmune diseases: Myopathies, Rheumatic fever, SLE	%	
9	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Common poisonings and their management like Insecticide/Pesticide poisoning, Snake poisoning, Vegetable and chemical poisoning	%	
10	<b>Comprehensive knowledge of etiology, demography, pathogenesis, symptomatology, complications, investigations, diagnosis and drug/non-drug management of following diseases as per Ayurveda/ Conventional therapeutics:</b> Janapadodhvasa Vikara. Environmental diseases and their management	%	

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## SYLLABUS FOR 2nd Year MS/MD PROGRAMME

Kayachikitsa - Advances in Kayachikitsa - Paper 4 (02208204)

Type of Course: MS/MD

Prerequisite:

Rationale:

Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Scheme					Total
Lect Hrs/ Year	Tut Hrs/ Week	Lab Hrs/ Year		External		Internal			
				T	P	T	CE	P	
100	-	100	-	100	-	-	-	-	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical

Contents:

Sr.	Topic	Weightage	Teaching Hrs.
1	<b>Hospital management:</b> Hospital management strategies, Infrastructure, use of IT technology, essential manpower, equipment, Patient care, management and coordination with contemporary health institutions and field institutions	%	
2	<b>National Health Campaigns of AYUSH and components under NRHM:</b> National Health Campaigns of AYUSH and components under NRHM	%	
3	<b>Clinical research:</b> Clinical Research in Kayachikitsa and its application in clinical medicine as per new evidence base in different systemic disorders	%	
4	<b>New Challenges:</b> New emerging health challenges and ayurvedic medicines: Chickangunya, HIV/AIDs, Swineflu, Chickenflu, Dengue, Restless leg syndrome, Sick building syndrome, Fibromyalgia	%	
5	<b>Role of Ayurveda in immune-protection, immuno-modulation and in management of other allergies and immunological disorders:</b> Role of Ayurveda in immune-protection, immuno-modulation and in management of other allergies and immunological disorders	%	
6	<b>Indications and importance of Organ transplantation, Ethical and legal issues involved:</b> Indications and importance of Organ transplantation, Ethical and legal issues involved	%	



7	<b>Knowledge of Geriatric care and terminal care medicine:</b> Knowledge of Geriatric care and terminal care medicine	%	
8	<b>Basic knowledge of Gene therapy, Stem cell therapy, Genetic modeling and chromosomal disorders in different disease conditions:</b> Basic knowledge of Gene therapy, Stem cell therapy, Genetic modeling and chromosomal disorders in different disease conditions	%	
9	<b>Radio-isotopes, disease and tumor markers in diagnosis and assessment of therapy:</b> Radio-isotopes, disease and tumor markers in diagnosis and assessment of therapy	%	
10	<b>Scope and methods of independent and collaborative research in Kayachikitsa:</b> Scope and methods of independent and collaborative research in Kayachikitsa	%	
11	<b>Disaster management strategies:</b> Disaster management strategies	%	
12	<b>Application of advances in Rasayana and Vajikarana therapies:</b> Application of advances in Rasayana and Vajikarana therapies	%	
13	<b>Application of emerging trends in Panchakarma in medical management:</b> Application of emerging trends in Panchakarma in medical management	%	
14	<b>Physical medication and rehabilitation:</b> Physical medication and rehabilitation	%	

**\*Continuous Evaluation:**

It consists of Assignments/Seminars/Presentations/Quizzes/Surprise Tests (Summative/MCQ) etc.