

**Course curriculum for Second Professional BAMS**

**(PRESCRIBED BY NCISM)**

**Roga Nidan evam Vikriti Vigyan**

**(SUBJECT CODE : AyUG-RN)**

**(Applicable from 2021-22 batch, from the academic year 2023-24 onwards for 5 years or until further notification by NCISM, whichever is earlier)**

**BOARD OF AYURVEDA  
NATIONAL COMMISSION FOR INDIAN SYSTEM OF MEDICINE  
NEW DELHI-110058**

**Course Code and Name of Course**

<b>Course code</b>	<b>Name of Course</b>
AyUG-RN	Roga Nidan evam Vikriti Vigyan

## II Professional Ayurvedacharya (BAMS)

**Subject Code : AyUG-RN**

### Summary

Total number of Teaching hours: 450			
Lecture hours(LH)-Theory		150	150(LH)
Paper I	60		
Paper II	90		
Non Lecture hours(NLH)-Theory		300	300(NLH)
Paper I & II	90		
Non Lecture hours(NLH)-Practical			
Paper I & II	210		

Examination (Papers & Mark Distribution)					
Item	Theory Component Marks	Practical Component Marks			
		Practical	Viva	Elective	IA
Paper I	100	100	70	-	30
Paper II	100				
Sub-Total	200	200			
Total marks	400				

**Total Marks 100**

Paper 1 Fundamental Principles of Vikriti Vigyan							
Sr. No	List of Topics	Term	Marks	Lecture hours	Non-Lecture hours	Name of the Faculty	Date
1	Roga nidana – Pathophysiology and clinical diagnosis	1	43	1	0	Dr Pawar	9/10/2023
2	Pareeksha Roga and Rogi Pareeksha	1		1	0	Dr Kaloge	10/10/2023
3	Methods of Rogi pareeksha	1		4	3	Dr Kaloge	13/10, 31/10/23, 3/11/23, 7/11/23, 28/11/23, 1/12/23, 5/12/23
4	Sapeksha nidana - Vyavacchedaka nidana Sapeksha nidana - Vyavacchedaka nidana of Ukta/Anuktavyadhi: Methods of differential diagnosis	1		1	0	Dr Pawar	11/10/23
5	Upashaya/ Anupashaya	1		1	0	Dr Pawar	12/10/23
6	Dosha Vikriti A. Nidana (Vyadhi janaka hetu) B. Agni bheda and Vikriti C. Dosha Vriddhi, Kshaya and Dushta Karma, Ashyapakarsha, Avarana, Samsargaja, Sannipataja. D. Dosha swabhava - Nityasamshleshita (Leena) dosha and Paricchedita dosha E. Paridhavamana dosha	1		3	2	Dr Pawar	16/10/23 18/10/23 19/10/23 20/10/23 23/10/23

Sr no	List of Topics	Term		Lecture hours	Non- Lecture hours	Name of the Faculty	Date
7	<b>7. Doshagati and Rogamarga</b>	1		1	0	Dr Pawar	24/10/23
8	<b>8. Srotodushti</b> Samanya sroto dusti nidana and lakshana	1		1	0	Dr Pawar	25/10/23
9	<b>Concept of Ama</b> A. Samanya nidana, and Samanya lakshana B. Bheda (Annarasa. Mala sanchaya (Dhatwagni mandya janit). Dosha dushti)	1		2	0	Dr Pawar	26/10/23 27/10/23
10	<b>Assessment of Ama</b> Sama and nirama dosha lakshana, Pureesha lakshana	1		0	1	Dr Pawar	30/10/23
11	<b>Sthana samsraya – Poorvaroop</b>	1	49	1	0	Dr Pawar	31/10/23
12	<b>Dushya dushti</b> A. Dhatu and mala vriddhi kshaya lakshana B. Specific Sroto dusti lakshana in relation to Dosha, Upadhatu, Mala, Indriya, Avayava, and Mana dushti lakshana	1		9	9	Dr Pawar Dr Kathe	1/11,2/11.6/11,8/11, ,9/11,29/11,30/11, 4/12,6/12,7/12,11/12. 13/12,14/12,18/12, 20/12,22/12,27/12, 28/12
13	<b>Samprapti</b> A. Samprapti bheda B. Vyadhi janma and Vyadhi janya	1		1	0	Dr Kaloge	8/12/23



Sr no	List of the topics	Term	Marks	Lecture hours	Non-Lecture hours	Name of the Faculty	Date
14	<b>14. Rupa</b> Pratyatma/ Samanya/ Vishishta Rupa	1		1	0	Dr Kaloge	12/12/23
15	<b>15. Vyadhinamakarana</b>	1		1	1	Dr Kaloge	15/12/23,19/12/23
16	<b>16. Vyadhi</b> A. Definition, B. Classification – Dwividha/ Trividha/ Chaturvidha/ Saptavidha (Adibala/ Sahaja - Genetic, Janmabala/ Garbhaja - Congenital, Dosha bala/ Jataja - Acquired, Sanghatabala/ Peedaja - Traumatic, Daivabala/ Prabhavaja - Iatrogenic, Kalabala/ Kalaja – Environmental and Geriatric, Swabhava balapravrutta), etc.	1		4	0	Dr Kathe	1/1/24, 3/1/24,4/1/24 8/1/24
17	<b>17. Ashtanindita (Endocrine disorders)</b>	1		1	0	Dr Kaloge	22/12/23
18	<b>18. Janapadodhwamsa vikara (Pandemic disorders)</b>	1		1	0	Dr Kaloge	26/12/23
19	<b>19. Nidanarthakara Vyadhi, Vyadhisankara</b>	1		1	0	Dr Kathe	10/1/24
20	<b>20. Vyadhikshamatva</b> A. Vikaravighata Bhava & Abhava, SatmyaB. Ojus - Bheda – Two types and Four types C. Dosha Paka D. ImmunityE. Healing/repair	1		2	0	Dr kaloge	29/12/23, 2/1/24
21	<b>21. Rogi bala Pareeksha</b>	1		2	1	Dr Kaloge	5/1/24 9/1/24,12/1/24

Sr no	List of the topics	Term	Marks	Lecture hours	Non-Lecture hours	Name of the Faculty	Date
22	<b>22. Dhatu Paka</b> A. Dhatu paka B. Ojodusti lakshana C. Asatmya - Immune pathology D. Cell Injury and Cellular adaptations E. Inflammation F. Haemodynamic disorders G. Neoplasia	1	8	12	1	Dr Kaloge Dr Kathe	16/1,19/1,23/1,30/1, 2/2 ,6/2, 11/1, 15/1 , 17/1,18/1 ,22/1,24/1,25/1,29/1
23	<b>23. Infection and Nutritional disorders</b>	1		4	1	Dr Kathe	31/1,1/2, 5/2, 7/2, 8/2
24	<b>24. Upadrava</b>	2		1	0	Dr. Kaloge	9/2/24,
25	<b>25. Arishta</b>	2		1	0	Dr. Kaloge	13/2/24
26	<b>26. Vyadhi bala pareeksha</b>	2		1	0	Dr. Kaloge	16/2/24
27	<b>27. Sadhyasadhyatva – Prognosis</b>	2		1	0	Dr. Kathe	12/2/24
28	<b>28. Digital health and Artificial intelligence in the context of Roganidana</b>	2		1	1	Dr. Kathe	14/2/24 15/2/24

**Paper 2 Vyadhi Vigyan, contemporary understanding and updates****Marks 100**

<b>Sr. No</b>	<b>List of Topics</b>	<b>Term</b>	<b>Marks</b>	<b>Lecture hours</b>	<b>Non-Lectur ehours</b>	<b>Name of the Faculty</b>	<b>Date</b>
29	<b>1. Agnimandya – Ajeerna, Anaha, Adhmana, Atopa</b>	2	43	1	0	Dr. Kathe	21/2/24
30	<b>2. Chhardi</b>	2		1	0	Dr. Kaloge	20/2/24
31	<b>3. Amlapitta</b>	2		2	0	Dr. Kaloge	23/2, 27/2
32	<b>4. Shoola</b> Parinama Shoola, Annadrava Shoola	2		1	0	Dr. Kathe	22/2/24,
33	<b>5. Atisara, and Pravahika</b>	2		3	1	Dr.Kathe	26/2,28/2,29/2 1/3/24
34	<b>6. Grahani</b>	2		2	1	Dr. Kaloge	5/4/24, 12/4/24, 16/4/24
35	<b>7. Visuchika, Alasaka, Vilambika</b>	2		1	0	Dr. Kathe	1/4/24,
36	<b>8. Common GIT diseases</b> Ulcerative dyspepsia and Non-ulcerative dyspepsia, Irritable Bowel Syndrome, Inflammatory Bowel Diseases	2		1	4	Dr. Kathe	3/4/24, 4/4/24, 8/4/24, 10/4/24, 15/4/24
37	<b>9. Mutrakrichhra</b>	2		2	1	Dr. Kaloge	26/3



<b>Sr. No</b>	<b>List of Topics</b>	<b>Term</b>	<b>Marks</b>	<b>Lecture hours</b>	<b>Non-Lecture hours</b>	<b>Name of the Faculty</b>	<b>Date</b>
38	<b>10. Mutraghata</b>	2		3	1	Dr. Kathe	15/4, 18/4, 22/4, 23/4
39	<b>11. Common Urinary diseases</b> Urinary Tract Infection, Prostatomegaly, Nephrotic syndrome, Nephritic syndrome, Acute Kidney Injury and Chronic Kidney Disease	2		1	6	Dr. Kathe	24/4, 25/4, 29/4, 27/4, 29/5, 30/5, 3/6,
40	<b>12. Hikka</b>	2		1	0	Dr. Kaloge	30/4
41	<b>13. Shwasa</b>	2		2	1	Dr. Kaloge	28/5, 31/5, 4/6
42	<b>14. Kasa</b>	2		2	0	Dr. Kaloge	7/6, 11/6

Sr. No	List of Topics	Term	Marks	Lecture hours	Non-Lecture hours	Name of the Faculty	Date
43	<b>15. Rajyakshma &amp; Shosha</b>	2		3	0	Dr. Kaloge	14/6, 18/6, 21/6
44	<b>16. Common lung disorders</b> Pneumonia, Chronic Obstructive Pulmonary Disease, Pleural effusion, Bronchiectasis	2		1	4	Dr. Kaloge	25/6, 28/6, 2/7, 5/7, 9/7
45	<b>17. Jwara</b> Jwarabheda - Doshaja and Agantuja (Abhishanga jwara), Vishama Jwara, Punaravartaka Jwara, Jwara avastha - Ama, Pachyamana and Nirama Jwara	2		4	1	Dr. Kathe	5/6, 6/6, 10/6, 12/6, 13/6
46	<b>18. Masurika – Romantika</b>	2		1	0	Dr. Kathe	19/6
47	<b>19. Fever</b> A. General mechanism of Fever. B. Introduction to Eruptive fevers - Measles, Chicken pox, Rubella, Hand foot mouth disease, Herpes zoster C. Parasitic fevers – Filariasis, Malaria, D. Detailed description of Common infective fevers – Typhoid, Dengue, Influenza, Chikungunya, E. Common regional disorders presenting with fever	2		1	6	Dr. Kathe	20/6, 24/6, 26/6, 27/6, 1/7, 3/7, 4/7
48	<b>20. Pandu</b>	2		2	0	Dr Kaloge	12/7, 16/7
49	<b>21. Raktapitta</b>	2		25	1	1	Dr Kaloge
50	<b>22. Hematopoietic diseases</b> Anaemia, Nutritional anaemia, Thalassemia, Sickle cell Anaemia, Leukaemia, Thrombocytopenia	2		1	6	Dr Kaloge	3/7, 26/7, 30/7, 2/8, 6/8, 9/8, 12/8, 16/8

Sr. No	List of Topics	Term	MARKS	Lecture hours	Non-Lecture hours	Name of the Faculty	Date
51	<b>23. Hridroga</b>	2		1	1	Dr. Kathe	8/7, 10/7
52	<b>24. Shotha</b>	2		2	0	Dr. Kathe	11/7, 15/7
53	<b>25. Cardiovascular disorders</b> Coronary Artery Disease (Ischemic Heart Disease, and Myocardial Infarction) and Congestive cardiac failure	2		1	5	Dr. Kathe	18/7, 22/7, 24/7, 25/7, 29/7, 31/7
54	<b>26. Kamala</b>	2		2	0	Dr. Kathe	1/8, 5/8
55	<b>27. Udara Roga</b>	2		2	1	Dr. Kathe	7/8, 8/8, 12/8
56	<b>28. Hepatobiliary diseases</b> Liver cirrhosis, Alcoholic and Non - Alcoholic Liver Disease, Hepatitis, Jaundice and Ascites	2		1	2	Dr. Kathe	14/8, 19/8, 21/8
57	<b>29. (According to Charaka)</b> <b>Kushtha - Maha Kushtha &amp; Kshudra Kushtha</b>	3		3	1	Dr Kaloge	20/8, 23/8, 27/8, 30/8

Sr.No	List of Topics	Term	Marks	Lecture hours	Non-Lecture hours	Name of the Faculty	Date	
58	<b>30. Sheetapitta</b>	3		1	0	Dr Kaloge	3/9	
59	<b>31. Shwitra</b>	3		1	0	Dr Kaloge	6/9	
60	<b>32. Visarpa</b>	3		2	0	Dr Kaloge	10/9, 13/9	
61	<b>33. Skin diseases</b> Allergic disorders - Eczema, Urticaria; Squamous lesions - Psoriasis, Lichen planus; Bullous lesion – Pemphigus and Pemphigoid; Mycotic skin diseases; Leprosy; Vitiligo; Cellulitis	3		1	6	Dr Kaloge	1/10, 4/10, 8/10, 11/10, 15/10, 18/10, 22/10	
62	<b>34. Galaganda</b>	3		1	0	Dr. Kathe	22/8/24	
63	<b>35. Thyroid disorders</b> Hypothyroidism and hyperthyroidism	3		1	1	Dr. Kathe	26/8	
64	<b>36. Sthoulya – Karshya</b>	3		32	1	0	Dr. Kathe	28/8
65	<b>37. Obesity</b>	3		1	1	Dr. Kathe	29/8	
66	<b>38. Prameha</b>	3	2	1	Dr Kaloge	2/9, 4/9, 5/9		
67	<b>39. Diabetes Mellitus and Pancreatitis</b>	3	1	1	Dr Kaloge	25/10/24		
68	<b>40. Vatavyadhi</b> Samanya nidana, Samanya purvarupa, Samanya lakshana	3	1	0	Dr. Kathe	2/9		

Sr.No	List of Topics	Term	Marks	Lecture hours	Non-Lecture hours	Name of the Faculty	Date
69	<b>41. Snayugata vata</b> Snayugata vata, Akshepaka – Apatanaka; Ardita, Pakshaghata, Kampavata, Gridhrasi, Vishwachi, Pangutwa	3		4	2	Dr. Kathe	4/9,5/9, 9/9,11/9, 12/9
70	<b>42. Common neurologic and spine disorders</b> Common neurologic diseases: Parkinson's disease, Stroke, Bell's Palsy, Motor Neuron Disease, Transverse myelitis, Epilepsy (Organic). Common Spine disorders: Lumbago-Sciatica syndrome, Brachial neuralgia, Cervical and LumbarSpondylosis	3		2	4	Dr. Kathe	3/10, 7/10, 9/10, 10/10, 14/10,16/10
71	<b>43. Sandhigatavata and Asthi majja gata vata</b> Sandhigatavata, Katigraha, Manyasthambha, Vatakantaka, Avabahuka, Amsashosha	3		1	0	Dr. Kathe	17/10
72	<b>44. Diseases of bone, joints, and muscles</b> Diseases of bone and Joints - Osteoarthritis, Osteoporosis. Frozen Shoulder, Calcaneal spur/ Plantar fasciitis, Tennis elbow, Carpel tunnel syndrome; Muscular diseases - Muscular Dystrophy	3		1	2	Dr. Kathe	21/10, 23/10, 24/10
73	<b>45. Amavata</b>	3		2	0	Dr. Kathe	11/11, 13/11
74	<b>46. Vatarakta</b>	3		2	1	Dr. Kathe	14/11, 18/11,20/11

Sr. No	List of Topics	Term		Lecture hours	Non-Lecture hours	Name of the Faculty	Date
75	<b>47. Immunological &amp; Metabolic disorders</b> Rheumatic fever, Rheumatoid arthritis, SLE, Ankylosingspondylitis, Gout	3		1	2	Dr Kaloge	12/11, 19/11, 22/11
76	<b>48. Klaibya &amp; Vandhyatva</b>	3		1	0	Dr Kaloge	26/11
77	<b>49. Sexual dysfunction and Infertility</b>	3		1	1	Dr Kaloge	29/11
78	<b>50. Unmada &amp; Apasmara</b>	3		3	0	Dr. Kathe	27/11
79	<b>51. Vishada</b>	3		1	0	Dr. Kathe	28/11
80	<b>52. Murchha, and Sanyasa</b>	3		1	0	Dr. Kathe	2/12
81	<b>53. Common Psychiatric diseases</b> Depression, Anxiety neurosis and Epilepsy (Non-organic)	3		1	0	Dr. Kathe	4/12
82	<b>54. Phiranga and Upadamsha</b>	3		1	0	Dr Kaloge	3/12
83	<b>55. Syphilis &amp; Gonorrhoea</b>	3		1	1	Dr Kaloge	6/12,10/12
84	<b>56. Krimiroga</b>	3		1	0	Dr Kaloge	13/12
85	<b>57. Clinical presentation of common parasitic disorders</b> Hook worm, Round worm, Thread worm, Pin worm	3		1	2	Dr Kaloge	17/12,20/12., 24/12
86	<b>58. Khalitya &amp; Palitya</b>	3		1	0	Dr. Kathe	5/12

<b>Sr. No</b>	<b>List of Topics</b>	<b>Term</b>	<b>Marks</b>	<b>Lecture hours</b>	<b>Non-Lecture hours</b>	<b>Name of the Faculty</b>	<b>Date</b>
87	<b>59. Shleepada</b>	3		1	0	Dr. Kathe	9/12
88	<b>60. Tuberculosis</b>	3				Dr. Kathe	11/12,12/12
	<b>Total Marks</b>	<b>100</b>	<b>90 hr</b>	<b>70 hr</b>			

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## List of Practicals

<b>PRACTICALS (Marks-100)</b>			
<b>S.No</b>	<b>List of Topics</b>	<b>Term</b>	<b>Hours</b>
1	1. Aptopadesha Pareeksha/Prashna Pareeksha	1	10
2	2. Introduction to case sheet. Pratyaksha and Anumana Pareeksha.	1	10
3	3. General clinical and Systemic examination -A	1	20
4	4. General clinical and Systemic examination – B	1	20
5	5. Common Symptomatology of different systems	2	20
6	6. Vyavachedaka nidana/ Differential diagnosis	2	4
7	7. Case presentation	2	40
8	8. Introduction to Diagnostic procedures - Hematology, Biochemistry, Microbiology, Urine, Stool	2	26
9	9. Introduction to Electro Cardio Gram (ECG), Different imaging techniques	2	10
10	10. Introduction to Histopathology	2	4
11	11. Study of Histopathology Specimens	3	4
12	12. Retas pareeksha	3	2
13	13. Pathology practical (Perform/ Observation/ Interpretation)	3	40



**Table 4a: List of Practical**

<b>Sr.No</b>	<b>Name of practical</b>	<b>Term</b>	<b>Activity</b>	<b>Practical hrs</b>	<b>Dates</b>
<b>1</b>	1. Aptopadesha Pareeksha/Prashna Pareeksha	1	History taking/ Ward ethics/ Communication skills	10	October Novemner2023
<b>2</b>	2. Introduction to case sheet. Pratyaksha and Anumana Pareeksha.	1	Darshanendriya, Sparshanedriya, Srotrendriya & Ghranendriya & Rasanendriyataha pareeksha. General principle of systemic examination – Inspection, Palpation, Percussion, Auscultation	10	December 2023 January 24
<b>3</b>	3. General clinical and Systemic examination -A	1	Demonstration on patients and using simulators, software or applications	20	February 24
<b>4</b>	4. General clinical and Systemic examination – B	1	General and Systemic examination	20	March 24
<b>5</b>	5. Common Symptomatology of different systems	2	Pain abdomen, Edema, Diarrhea, Dysentery, Dehydration and constipation, Hiccough, Breathlessness, Cough, Vomiting, Joint pain with or without swelling Differential Diagnosis, Neck and Low back pain radiating to corresponding limb, Hematuria, Stroke Differential Diagnosis	20	March 24 April 24
<b>6</b>	6. Vyavachedaka nidana/ Differential diagnosis	2	Clinical reasoning models	4	May 24

<b>Sr.No</b>	<b>Name of practical</b>	<b>Term</b>	<b>Activity</b>	<b>Practical hrs</b>	<b>Dates</b>
7	7. Case presentation	2	Demonstrating and presenting steps of clinical diagnosis	40	June 24 July 24
8	8. Introduction to Diagnostic procedures - Hematology, Biochemistry, Microbiology, Urine, Stool	2	A. Order an investigation B. Patient's preparation C. Sample collection	26	August 24
9	9. Introduction to Electro Cardio Gram (ECG), Different imaging techniques	2	Order and interpret reports related to ECG and Diagnostic imaging	10	September 24
10	10. Introduction to Histopathology	2	Order and Interpret	4	October 24

Sr.No	Name of practical	Term	Activity	Practical hrs	Dates
11	11. Study of Histopathology Specimens	3	Prepared histopathology specimens to be demonstrated, observed and studied (Lung and trachea/ Blood, Spleen and lymph/ Heart and vessels/ Glands/ Liver)	4	November 24
12	12. Retas pareeksha	3	Interpret observations derived from reto pareeksha	2	December 24

13	13. Pathology practical (Perform/ Observation/ Interpretation)	3	13.1 Hematology (Discipline) - Hemogram (Profile) 13. 2 Clinical pathology (Discipline) - Urine Physical Examination (Profile) 13. 3 Clinical pathology (Discipline) - Urine Physical and Chemical Examination (Profile) 13. 4 Clinical pathology (Discipline) - Urine Microscopic Examination (Profile) 13. 5 Clinical biochemistry (Discipline) - Liver Function Test (LFT) (Profile) 13. 6 Clinical biochemistry (Discipline) - Renal Function Test (RFT) (Profile) 13. 7 Clinical biochemistry (Discipline) - Diabetic profile (Profile) 13. 8 Clinical biochemistry (Discipline) - Thyroid profile (Profile) 13. 9 Clinical biochemistry (Discipline) - Lipid profile (Profile) 13. 10 Clinical Pathology/ Haematology (Discipline) - Peripheral Smear (Profile) 13. 11 Serology (Discipline) - RA Factor/ WIDAL (Profile) 13. 12 Clinical Pathology (Discipline) - Stool examination (Profile) 13. 13 Clinical Pathology (Discipline) - Stool examination (Profile) 13. 14 Clinical Pathology (Discipline) - Semen examination (Profile) 13. 15 Serology (Discipline) - Coagulation test (Profile)	40	
<b>Total Hr</b>			<b>210</b>		

