

## **Format A**

**Name of Department---Pathology**

**UG Training Programme**

<b>SEMESTER</b>	<b>FACULTY INCHARGE</b>	<b>FACULTY FOR LECTURES</b>	<b>FACULTY FOR TUTORIALS</b>
III rd Term	Dr. Arpana Dharwadkar	Dr. Harsh Kumar Dr.S.S.Chandanwale Dr. C.R.Gore Dr. A.C.Buch Dr. P.M.Pagaro Dr. S.A.Bamanikar Dr.Arpana Dharwadkar Dr. Shruti Vimal Dr. Rupali Bavikar Dr. Tushar Kambale Dr. M.B.Iqbal Dr.Vidya Viswanathan Dr. Komal Sawaimul Dr. Sushma Kulkani Dr. Yogesh Tayade Dr. Shubhangi Tayade Dr. Yamini Ingale Dr. Abhishek Barawkar	Dr. Harsh Kumar Dr.S.S.Chandanwale Dr. C.R.Gore Dr. A.C.Buch Dr. P.M.Pagaro Dr. S.A.Bamanikar Dr.Arpana Dharwadkar Dr. Shruti Vimal Dr. Rupali Bavikar Dr. Tushar Kambale Dr. M.B.Iqbal Dr.Vidya Viswanathan Dr. Komal Sawaimul Dr. Sushma Kulkani Dr. Yogesh Tayade Dr. Shubhangi Tayade Dr. Yamini Ingale Dr. Abhishek Barawkar

Dr.Arpana Dharwadkar  
Dept. UG Co-ordinator

Dr.Harsh Kumar  
Prof. & H.O.D

## **Format B**

Lecture Programme

Semester: III

Faculty Incharge: Dr. Arpana Dharwadkar

Sr No	Date	Topic	Name of the faculty
1	1/9/17	Introduction to pathology, Definition And Causes Of Diseases	Dr Vidya
2	1/9/17	Introduction to pathology (Revision)	Dr Vidya
3	4/9/17	Mechanism Of Cell Injury	Dr.P.M.Pagaro
4	7/9/17	Chemical Injury ,Sub Lethal Injury	Dr.P.M.Pagaro
5	8/9/17	Intracellular Accumulations ,Pigmentation And Pathological Calcification	Dr.P.M.Pagaro
6	8/9/17	Necrosis And Gangrene	Dr Yogesh Tayade
7	11/9/17	Apoptosis	Dr Tushar Kambale
8	14/9/17	Acute Inflammation-I	Dr. Tushar Kambale
9	15/9/17	Acute Inflammation-II	Dr. Komal
10	15/9/17	Chronic Inflammation	Dr. Shruti
11	18/9/17	Repair-I	Dr.S.S.Chandanwale
12	21/9/17	Repair-II	Dr.S.S.Chandanwale
13	22/9/17	Thrombosis	Dr.P.M.Pagaro
14	22/9/17	Embolism	Dr M.B.Iqbal
15	25/9/17	Infarction	Dr.Shubhangi Tayade
16	28/9/17	Hyperemia & Oedema	Dr. Shruti Vimal
17	29/9/17	Haemorrhage& Shock	Dr. Shruti Vimal
18	5/10/17	Neoplasia –Lab Diagnosis/Biology	Dr.A.C.Buch
19	6/10/17	Hypersensitivity Reactions/Transplant Reactions	Dr.P.M.Pagaro
20	9/10/17	Autoimmune Diseases	Dr.Komal Sawaimul
21	13/10/17	<b>Amyloidosis</b>	<b>Dr Arpana</b>
22	13/10/17	<b>Leprosy</b>	<b>Dr.Harsh Kumar</b>
23	16/10/17	<b>Syphilis</b>	<b>Dr.Harsh Kumar</b>
24	23/10/17	Tuberculosis-General Features	Dr.VidyaVishwanathan
25	26/10/17	Tuberculosis-Pulmonary	Dr.VidyaVishwanathan
26	27/10/17	Tuberculosis Extra Pulmonary	Dr.VidyaVishwanathan
27	30/10/17	<b>Fungal Diseases</b>	<b>Dr. Arpana</b>
28	2/11/17	<b>Immunodeficiency, AIDS</b>	<b>Dr.Tushar Kamble</b>
29	3/11/17	<b>Growth Disturbances</b>	<b>Dr.Komal S</b>
30	3/11/17	<b>Neoplasia-Nomenclature</b>	<b>Dr.Rupali B</b>
31	6/11/17	<b>Neoplasia-Carcinogenesis I</b>	<b>Dr.A.C.Buch</b>
32	9/11/17	<b>Neoplasia-Carcinogenesis II</b>	<b>Dr.A.C.Buch</b>
33	10/11/17	<b>Neoplasia –Lab Diagnosis/Biology</b>	<b>Dr.C.R.Gore</b>
34	13/11/17	<b>Neoplasia-Staging, Spread</b>	<b>Dr.C.R.Gore</b>
35	16/11/17	Revision Lecture	
36	17/11/17	Revision Lecture	
37	17/11/17	Revision Lecture	
38	20/11/17	Revision Lecture	
39	23/11/17	Revision Lecture	
40	24/11/17	Revision Lecture	
41	27/11/17	Revision Lecture	

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## Department of Pathology

### **FORMAT C - LESSON PLAN SCHEDULE - LECTURES**

Sr.No.	Date	Topic	Name of the Teacher
1	1/9/17	<b>Introduction to Pathology &amp; Definitions &amp; causes of diseases</b> <ul style="list-style-type: none"><li>- Introduction</li><li>- Different sections in pathology</li><li>- The Cell in health</li><li>- The Cellular functions</li><li>- Aetiology &amp; Pathogenesis of diseases.</li><li>- Congenital /Acquired</li><li>- Functional derangements &amp; clinical manifestation.</li><li>- Cellular response to stress &amp; noxious Stimuli</li></ul>	Dr. Vidya
2	1/9/17	<b>Mode of cell Injury</b> <ul style="list-style-type: none"><li>- Different agents causing cell in</li><li>- Hypoxic /Chemical /physical injury</li><li>- Mechanism of reversible injury</li><li>- Mechanism of irreversible injury</li></ul>	Dr.P.M.Pagaro
3	4/9/17	Chemical injury, sub lethal injury	Dr.P.M.Pagaro
4	7/9/17	<b>Cellular adaptations &amp; intracellular accumulations</b> <ul style="list-style-type: none"><li>- Reversible cell injury (Degeneration)</li><li>- Fatty Change</li><li>- Cloudy change</li><li>- Hyaline change</li></ul>	Dr.P.M.Pagaro
5	8/9/17	<b>Necrosis / Gangrene</b> <ul style="list-style-type: none"><li>- Def., Causes</li><li>- Types of necrosis</li><li>- Features of necrosis</li><li>- Gangrene - Def<sup>y</sup> Dry/wet/gas</li></ul>	Dr.Yogesh Tayade
6	8/9/17	<b>Apoptosis</b> <ul style="list-style-type: none"><li>-Definition</li><li>-Mechanism</li><li>-Differences between apoptosis &amp; necrosis</li><li>-Examples</li></ul>	Dr.Iqbal
7	11/9/17	<b>Acute inflammation I</b> <ul style="list-style-type: none"><li>- Def<sup>h</sup></li><li>- Causes , Historical aspects</li><li>- Cellular events</li><li>- Vascular events.</li><li>- Patterns of infla<sup>m</sup></li></ul>	Dr.Tushar Kambale
8	14/9/17	<b>Acute inflammation II</b> <ul style="list-style-type: none"><li>- Chemical mediators</li></ul>	Dr.Tushar Kambale

		- Fate of inflammation	
9	15/9/17	<b>Chronic inflammation</b> - Def <sup>h</sup> - Causes - Granulomatous inflammation.	Dr.M.B.Iqbal
10	15/9/17	<b>Repair I</b> - Repair - Regeneration - Cell cycle - Healing by primary intension - Healing by secondary intension	Dr.S.S.Chandanwale
11	18/9/17	<b>Repair II</b> -Types of fracture - Healing of a fracture - factory affecting wound healing. - complications of healing	Dr.S.S.Chandanwale
12	21/9/17	<b>Thrombosis</b> - Normal homeostasis - Def <sup>y</sup> of thrombus - Path physiology, Complications - Fate	Dr.P.M.Pagaro
13	22/9/17	<b>Embolism.</b> - Def <sup>y</sup> -Types - Effects	Dr. Sushma Kulkarni
14	22/9/17	<b>Infarction</b> - Def <sup>h</sup> - Aetiology, Types - Changes in different organs	Dr.Shubhangi
15	25/9/17	<b>Hyperaemia&amp;oedema</b> <b>Hyperemia</b> - Def <sup>h</sup> -Types, Causes. - CPVC, different Organs <b>Oedema</b> – Pathogenesis. - Different Types - Clinical manifestations	Dr.Shruti Vimal
16	28/9/17	<b>Haemorrhage&amp; shock</b> <b>Shock</b> - Different types - Mechanisms	Dr.Shruti Vimal
17	29/9/17	<b>Genetic disorders</b> -Chromosomal disorders -Down's syndrome -Kelinfelter's syndrome - Turners syndrome	Dr.A.C.Buch
18	5/10/17	<b>Hypersensitivity reaction /Transplant Rejection</b>	Dr.P.M.Pagaro

		<ul style="list-style-type: none"> <li>- Humoral&amp; cellular immunity</li> <li>- Mecha<sup>h</sup> of hypersensitivity reactions</li> <li style="padding-left: 20px;">Type I-IV</li> <li>- Mecha<sup>h</sup> of transplant rejection</li> </ul>	
19	6/10/17	<b>Autoimmune diseases</b> <ul style="list-style-type: none"> <li>-SLE</li> <li>-Myasthenia gravis</li> <li>- Rheumatoid arthritis</li> <li>- Ankylosing spondylitis</li> </ul>	Dr.Komal Sawaimul
20	9/10/17	<b>Amyloidosis.</b> <ul style="list-style-type: none"> <li>- Chemical nature</li> <li>- Physical nature</li> <li>- Morphology of organs.</li> <li>-Special stains.</li> </ul>	Dr.Arpana Dharwadkar
21	13/10/17	<b>Leprosy</b> <ul style="list-style-type: none"> <li>- Epidemiology</li> <li>- Pathology</li> <li>- Types</li> <li>- Diagnosis</li> </ul>	Dr.Harsh Kumar
22	13/10/17	<b>Syphilis.</b> <ul style="list-style-type: none"> <li>- Epidemiology</li> <li>-Types /Stages</li> <li>- Pathological features</li> <li>- Diagnosis</li> </ul>	Dr.Harsh Kumar
23	16/10/17	<b>Tuberculosis- general features</b>	Dr.VidyaVishwanathan
24	23/10/17	<b>Tuberculosis I</b> <ul style="list-style-type: none"> <li>- Epidemiology, Pathogenesis.</li> <li>- BCG vaccine /Tuberculin Test</li> <li>- Lesions of primary TB .</li> </ul>	Dr.VidyaVishwanathan
25	26/10/17	<b>Tuberculosis II</b> <ul style="list-style-type: none"> <li>- Secondary TB Lesions</li> <li>- Complications</li> <li>- Diagnosis</li> <li>- Extra pulmonary TB</li> </ul>	Dr.VidyaVishwanathan
26	27/10/17	<b>Fungal Diseases</b> <ul style="list-style-type: none"> <li>- Etiological agents</li> <li>-Types of lesions</li> <li>- Morphology</li> <li>- Diagnosis</li> </ul>	Dr. Arpana
27	30/10/17	<b>Immunodeficiency and AIDS</b>	Dr.Tushar Kamble
28	2/11/17	<b>Growth disturbances</b> <ul style="list-style-type: none"> <li>- Atrophy</li> <li>- Hypertrophy / Hyperplasia</li> <li>- Metaplasia / Dysplasia</li> </ul>	Dr. Komal Sawaimul
29	3/11/17	<b>Neoplasia – Nomenclature</b> <ul style="list-style-type: none"> <li>- Def<sup>h</sup></li> </ul>	Dr. Rupali Bavikar

		<ul style="list-style-type: none"> <li>-Terminology</li> <li>- Classification</li> <li>- Difference between benign &amp; malignant tumors</li> </ul>	
30	3/11/17	<b>Neoplasia - Carcinogenesis</b> <ul style="list-style-type: none"> <li>- Epidemiology</li> <li>- incidence</li> <li>- Geographic &amp; environmental factors - Molecular basis of cancer</li> </ul>	Dr.A.C.Buch
31	6/11/17	<b>Neoplasia -Carcinogenesis</b> - Different Carcinogenic agents <ul style="list-style-type: none"> <li>- Chemical Carcinogenesis</li> <li>- Radiation Carcinogenesis</li> <li>- Microbial Carcinogenesis</li> </ul>	Dr.A.C.Buch
32	9/11/17	<b>Neoplasia – Staging &amp; Spread.</b> <ul style="list-style-type: none"> <li>- Mechanism of invasion &amp; metastasis.</li> <li>- Grading &amp; staging of tumors</li> <li>- Paraneoplastic syndromes</li> </ul>	Dr.C.R.Gore
33	10/11/17	<b>Lab diagnosis of cancer</b> <ul style="list-style-type: none"> <li>- Histologic &amp; cytologic methods</li> <li>- IHC</li> <li>- Molecular diagnosis</li> <li>- Tumors markers</li> </ul>	Dr.C.R.Gore
34	13/11/17	<b>Revision lecture</b>	

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### **III TERM**

#### **LESSON PLAN SCHEDULE – PRACTICALS**

SR NO	DATE	TOPIC
1	4/9/17 to 7/8/16	Introduction
2	11/9/17 to 14/9/17	Tissue processing
3	18/8/17 to 21/9/17	Identification of cells and special stains
4	25/9/17 to 28/9/17	Intracellular accumulations
5	3/10/17 to 5/10/117	Necrosis, gangrene, infarction
<b>6</b>	<b>9/10/17 to 13/10/17</b>	<b>Acute inflammation</b>
<b>7</b>	<b>16/10/17 to 19/10/17</b>	<b>Chronic inflammation</b>
8	23/10/17 to 26/10/17	Circulatory disturbances
9	30/10/17 to 2/10/17	Pigments, amyloid ,calcification
10	6/11/17 to 9/11/17	Tuberculosis
11	13/11/17 to 16/11/17	Leprosy,syphilis
12	20/11/17 to 23/11/17	Neoplasia 1
13	27/11/17 to 30/11/17	Neoplasia 2

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