



Maharashtra University of Health Sciences, Nashik
Homoeopathy Faculty
Academic Year 2025-2026

Name of College- Rashtrasant Janardhan Swami Homoeopathic Medical College and Research Center, Kokamthan, Kopergaon Dist-A'nagar.

College code- 04158

Time table-Available

Details from- 1st January 2025 to 31st December 2025

Department – Pathology and Microbiology

DEPARTMENT-PATHOLOGY AND MICROBIOLOGY

DETAILS OF LECTURE & PRACTICAL:-

| Sr. No. | DETAILS | Total No. In Hours |
|---------|--------------------|--------------------|
| 1 | Lecture | 262 |
| 2 | Symposium | - |
| 3 | Practical /Clinics | 236 |
| 4 | Seminar | 10 |
| 5 | Tutorial | 10 |
| 6 | Case presentation | NA |
| 7 | Journal club | NA |

STAFF WORK DISTRIBUTION:-

| Sr. No. | Name of Teacher | Designation | Lecture in Hours | Practical / Clinic In hours | Total |
|---------|---------------------|---------------------|------------------|-----------------------------|---|
| 1 | Dr. Indrayani Badhe | Professor | 2 hrs/week | 0 hrs | 68 hrs. |
| 2 | Dr. Ganesh Gavhane | Associate Professor | 4 hrs/week | 0 hrs | 136 hrs. |
| 3 | Dr. Kanchan Pawar | Assistant Professor | 2hrs/week | 6 hrs/week | 68 hrs.-lecture. 236 hrs-non-lectures. |



TUTORIAL:-

| Sr no | Tutorial | Topics |
|-------|-------------------|--------------------------|
| 1 | Microbiology | Culture media and method |
| 2 | General pathology | Cell injury |
| 3 | General pathology | Apoptosis / necrosis |
| 4 | General pathology | Reversible Cell injury |
| 5 | General pathology | Irreversible Cell injury |
| 6 | Microbiology | Structure of bacteria |
| 7 | General pathology | Oedema |
| 8 | Bacteriology | streptococci |
| 9 | Parasitology | Wouchereria bancrofti |
| 10 | Virology | HIV |

LIST OF ACTIVITIES:-

| SR. NO. | NAME OF ACTIVITY | DONE BY STUDENT NAME |
|---------|--|----------------------|
| 1. | MODEL MAKIN ACTIVITY | ALL STUDENTS |
| 2. | General pathology Puzzle solving Activity | ALL STUDENTS |
| 3. | Respiratory system Puzzle solving Activity | ALL STUDENTS |

NO. OF WEBINARS, GUEST LECTURES, WORKSHOP & CME:-



| SR. NO. | TOPIC | SPEAKER NAME |
|---------|---------------|--|
| 1 | Ccrh webinar | Ccrh team |
| 2 | Guest Lecture | Dr. Pushkar Mahajan Government Homoeopathic Medical College, Jalgaon(Maharashtra) |

LIST OF STAFF:-

| SR. NO. | NAME OF THE TEACHER | DESIGNATION |
|---------|---------------------|---------------------|
| 1 | Dr. Indrayani Badhe | Professor |
| 2 | Dr. Ganesh Gavhane | Associate professor |
| 3 | Dr. Kanchan Pawar | Assistant professor |
| 4 | Mrs. Nikita Gaikwad | Lab Technician |
| 5 | Mrs. Anita Bharud | Lab Attendent |


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DEPARTMENT-PATHOLOGYAND MICROBIOLOGY



INFRASTRUCTURE AVAILABLE

| SR. NO. | PARTICULARS | BUILT UP AREA AVAILABLE IN sq.ft. |
|---------|---|-----------------------------------|
| 1 | PATHOLOGY & MICROBIOLOGY DEPARTMENT ROOM MUSEUM CUM DEMONSTRATION ROOM | 113.4 sq.meter. |

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LIST OF EQUIPMENTS

| DETAILS OF ITEM OF EQUIPMENT ETC. AS PER MSR | | | | |
|--|----|--|----------------|----------------|
| SR. NO | | ITEMS | REQUIRED | AVAILABLE |
| 1 | 1 | Hot Air Oven | 1 | 1 |
| | 2 | Centrifuge Machine, Electric Rotafix | 2 | 2 |
| | 3 | Water Bath, Electric | 4 | 4 |
| | 4 | Glass Ware | As required | Available |
| | 5 | Stains | As required | Available |
| | 6 | Chemical Reagent For Histopathology | As required | Available |
| | 7 | Incubator | 2 | 2 |
| | 8 | Haemocytometer With RBC And WBC Pipettes | 25 | 25 |
| | 9 | Haemoglobinometer Sahli's Type | 25 | 25 |
| | 10 | Autoclave Electric | 2 | 2 |
| | 11 | Anaerobic Apparatus | 2 | 2 |
| | 12 | Stopwatch 1/2 Sec | 2 | 2 |
| | 13 | Ph Meter | 1 | 1 |
| | 14 | Microscope With Oil Immersion | 25 | 25 |
| | 15 | High Speed Centrifuge For Serological Work | 1 | 1 |
| | 16 | ESR Westergreen/Wintrobe | 02 set of Each | 02 set of Each |
| | 17 | Colony Counter | 1 | 1 |
| | 18 | Material For Preparation Of Media | As required | Available |
| | 19 | Material For Preparation Of Stain | As required | Available |
| | 20 | Coplin Jars | 2 | 2 |
| | 21 | Computer With Accessories | 1 | 1 |
| | 22 | Machine For Estimation Of Blood Sugar/Serological Test | 1 | 1 |
| | 23 | Pathological Specimen | | 17 |
| 2 | | Additional Item | --- | --- |
| 3 | | Total Number Of Charts | | 20 |
| 4 | | Total Number Of Models | 20 | 37 |
| 5 | | Total Number Of Histopathology Slide | 25 | 30 |
| | | Total Number Of Parasitology Slide | -- | 12 |


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DEPATRMENT DEAD STOCK



| SR. NO. | DEAD STOCK | QUANTITY |
|---------|-----------------------------|----------|
| 1 | Book case | 02 |
| 2 | Office – table | 01 |
| 3 | Chair | 03 |
| 4 | Iron stool | 30 |
| 5 | Black/White board | 01 |
| 6 | Fan | 05 |
| 7 | Light | 05 |
| 8 | Notice board | 01 |
| 9 | Iron rack | 04 |
| 10 | Table with marble top | 03 |
| 11 | Marble top table with basin | 06 |
| 12 | Curtain | 06 |
| 13 | Computer with accesories | 01 |
| 14 | cupboard | 01 |


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LIST OF CHART

| SR. NO. | CHART NAME | QUANTITY |
|---------|--|----------|
| 1 | HIV LIFE CYCLE | 01 |
| 2 | GANGRENE | 01 |
| 3 | JAUNDICE | 01 |
| 4 | LIFE CYCLE OF MALERIA | 01 |
| 5 | LIFE CYCLE OF ASCRIAS LUMBRICIDS | 01 |
| 6 | PARASITE HELMINTHS | 01 |
| 7 | IMMUNE RESPONSE | 01 |
| 8 | NECROSIS | 01 |
| 9 | CARDINAL SIGN OF INFLAMMATION | 01 |
| 10 | DIFF. BETWEEN THROMBOSIS AND EMBOLISM | 01 |
| 11 | BACTERIA AND VIRUS | 01 |
| 12 | HAEMATOLOGY TEST | 01 |
| 13 | BIOCHEMISTRY TEST | 01 |
| 14 | LIPID PROFILE | 01 |
| 15 | ATHEROSCLEROSIS | 01 |
| 16 | NEPHROTIC SYNDROME | 01 |
| 17 | ANAEMIA | 01 |
| 18 | CLASSIFICATION OF BACTERIA | 01 |
| 19 | CULTURE MEDIA | 01 |
| 20 | GLUCOSE TOLERANCE TEST | 01 |


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LIST OF SPECIMEN

| SR. NO. | NAME OF SPECIMEN | QUANTITY |
|---------|---------------------|----------|
| 1 | Lipoma | 01 |
| 3 | Ovarian tumour | 01 |
| 4 | Uterus fibroid | 04 |
| 5 | Ca cervix | 01 |
| 6 | Ovarian cyst | 01 |
| 7 | Uterus | 01 |
| 8 | Appendicitis | 01 |
| 9 | Fatty liver | 01 |
| 10 | Leiomyoma uterus | 02 |
| 11 | fibroma | 01 |
| 12 | Lymphadenitis | 01 |
| 13 | Breast fibroadenoma | 01 |
| 14 | Ovarian carcinoma | 01 |


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LIST OF HISTOPATHOLOGY SLIDES

| SR. NO | NAME OF HISTOPATHOLOGY SLIDE | QUANTITY |
|--------|------------------------------|----------|
| 1 | Basal cell carcinoma | 2 |
| 2 | Fibro adenoma breast | 1 |
| 3 | Colloid goiter | 2 |
| 4 | Fatty liver | 1 |
| 5 | Tuberculosis lymph nodes | 1 |
| 6 | Granulation tissue | 1 |
| 7 | Chronic appendicitis | 1 |
| 8 | Acute appendicitis | 2 |
| 9 | Squamous cell membrane | 1 |
| 10 | osteosarcoma | 1 |
| 11 | Lipoma | 1 |
| 12 | Squamous cell carcinoma | 1 |
| 13 | Pneumonia | 1 |
| 14 | Cholecystitis | 1 |
| 15 | Gonococci | 1 |
| 16 | Streptococci | 1 |
| 17 | Staphylococci | 1 |
| 18 | Mycobacterium tuberculosis | 1 |
| 19 | Malaria-plasmodium -vivax | 1 |
| 20 | Squamous metaplas | 1 |
| 21 | Benign prostatic hyperplasia | 1 |
| 22 | Fibroma | 1 |
| 23 | Amyloid kidney | 1 |
| 24 | Ca ovary | 1 |
| 25 | T B lymph node | 2 |
| 26 | Leukaemia blood | 1 |

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LIST OF CHEMICAL/ SOLUTION



| SR. NO | NAME | QUANTITY |
|----------------------------|--|----------|
| Stains | | |
| 1 | Leshman stain | 500 ml |
| 2 | Buffer solution | 500ml |
| 3 | Deionized water | 500ml |
| 4 | Crystal violet | 500 ml |
| 5 | Gram's iodine | 500 ml |
| 6 | Acetone safranin | 500 ml |
| Ziehlneelsen stain | | |
| 8 | Carbolfuschin | 500 ml |
| 9 | Concentrated sulphuric acid | 500 ml |
| 10 | Methylene blue | 500 ml |
| Urine test solution | | |
| 11 | 96% glacial acetic acid | 500 ml |
| 12 | Deionized water | 500 ml |
| 13 | Benedicts qualitative reagent | 500 ml |
| 14 | Ammonium sulphate | 500 ml |
| 15 | Sodium nitroprusside | 500 ml |
| 16 | Liquor ammonia | 500 ml |
| WBC /RBC count | | |
| 17 | WBC diluting fluid | 500 ml |
| 18 | RBC diluting fluid | 500 ml |
| 19 | Drabkins solution | 500 ml |
| 20 | N/10 hydrochloric acid | 1000ml |
| Chemical reagent | | |
| 21 | Acetone | 500 ml |
| 22 | 2- propanol | 500 ml |
| 23 | Xylene | 500 ml |
| 24 | Blood grouping reagent Anti a, anti b ,anti d | Per kit |
| 25 | Lugols iodine | 500ml |
| 26 | Dpxmountant | 500 ml |
| 27 | Formaldehyde 37% | 500 ml |
| 28 | Glycerol | 500 ml |
| 29 | Formic acid 85% | 500 ml |
| 30 | Papanicolaou solution | 500 ml |
| 31 | Ethanol | 500ml |
| 32 | Lab Solvent | 500ml |

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LIST OF GLASS WARE AND OTHER

| Sr. No. | Name | Size | Quantity |
|--------------------|--|---------------|-----------|
| Instruments | | | |
| 1 | Measuring Glass | | |
| | 1. Glass Beaker | 100ml | 45pcs |
| | | 1000ml | 30 |
| | 2. Measuring Glass Cylinder | 100ml | 45 |
| | | 500ml | 12 |
| | | 1000ml | 12 |
| | 3. Test Tube | 6' x 1/2" | 100 |
| | 4' x 1/2" | 100 | |
| 2 | Glass Rod (1 feet) | | 40 pcs |
| 3 | Glass slides (microscopy) | | 250 pcs |
| 4 | Glass cover slip | | 330pcs |
| 5 | Glass dropper | | 40pcs |
| 6 | Conical flask | | 20pcs |
| 7 | Dropping bottle | | 20pcs |
| 8 | Diamond pencil | | 1pc |
| 9 | Test Tube Stand | | 30pcs |
| 10 | Small forceps(tooth and without toot) | | 2pcs each |
| 11 | Steel scale | | 1pc |
| 12 | Glass Jar | 1 & 1.5 Lit | 15 Each |
| 13 | Scissors | | 2 pcs |
| 14 | Westergrens pipette | | 30 |
| 15 | Wintrobe haematocrit tube | | 30 |
| 16 | Petri dish | Various sizes | 20 |

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LIST OF MODEL

| SR. NO. | MODEL NAME | QUANTITY |
|---------|------------------------------|----------|
| 1 | PCOD | 01 |
| 2 | HIV VIRUS | 01 |
| 3 | LEFT VENTRICULAR HYPERTROPHY | 01 |
| 4 | KIDNEY STONE | 01 |
| 5 | NEPHROBLASTOMA | 01 |
| 6 | LUNG TUBERCULOSIS | 01 |
| 7 | COPD | 01 |
| 8 | INTSUCCEPTION OF INTESTINE | 01 |
| 9 | DIALYSIS | 01 |
| 10 | STOMACH ULCER | 01 |
| 11 | PNEUMONIA | 01 |
| 12 | INVASIVE CARCINOMA OF CERVIX | 01 |
| 13 | HIATUS HERNIA | 01 |
| 14 | LIVER CARCINOMA | 01 |
| 15 | NEURON | 01 |
| 16 | CERVICAL CANCER | 01 |
| 17 | POLYCYSTIC KIDNEY | 01 |
| 18 | Ca STOMACH | 01 |
| 19 | RENAL CALCULI | 01 |
| 20 | GASTRITIS | 01 |
| 21 | GASTRIC ULCER | 01 |
| 22 | ANAEMIA | 01 |
| 23 | GRAM +TIVE BACTERIA | 01 |
| 24 | DENTAL CARIES | 01 |
| 25 | APPENDICITIS | 01 |
| 26 | KALA AZAR | 01 |
| 27 | ATHEROSCLEROSIS | 01 |
| 28 | HAEMORRHOID | 01 |
| 29 | DENTAL DISEASE | 01 |
| 30 | MILIARY TUBERCULOSIS | 01 |
| 31 | MUCOURMYCOSIS | 01 |

| | | |
|----|--------------------------|----|
| 32 | Ca BREAST | |
| 33 | NECROSIS | 01 |
| 34 | COLORECTAL CANCER | 01 |
| 35 | MALARIA LIFE CYCLE | 01 |
| 36 | Ca MOUTH ETIOLOGY FACTOR | 01 |
| 37 | FATTY LIVER | 01 |


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DEPARTMENT – PATHOLOGY AND MICROBIOLOGY



DEPARTMENTAL LIBRARY BOOK

| SR. NO | LIBRARY ACCESSION NO. | NAME OF BOOK | AUTHOR | QUANTITY |
|--------|-----------------------|---|---------------|----------|
| 1 | 2751 | CONCISE PATHOLOGY | BHATTACHARY A | 1 |
| 2 | 2857 | TEXTBOOK OF PATHOLOGY | RAJESHWARI | 1 |
| 3 | 2862 | CONCISE PATHOLOGY FOR EXAM PREPARATION | BHATTACHARY A | 1 |
| 4 | 2868 | ROBBINS AND COTRAN PATHOLOGIC BASIS OF DISEASE VOL-1 | KUMAR | 1 |
| 5 | 2869 | ROBBINS AND COTRAN PATHOLOGIC BASIS OF DISEASE VOL-2 | KUMAR | 1 |
| 6 | 2877 | ESSENTIALS OF PRACTICAL PATHOLOGY FOR UG | YADAV | 1 |
| 7 | 2882 | RAPID REVIEW PATHOLOGY | GOLJAN | 1 |
| 8 | 2887 | ROBBINS BASIC PATHOLOGY | KUMAR | 1 |
| 9 | 2892 | CLINICAL PATHOLOGY A CPRCTICAL MANUAL | SANGAL | |
| 10 | 2897 | SMART STUDY SERIES PATHOLOGY | AHLUWALIA | |
| 11 | 2837 | MEDICAL MICROBIOLOGY AND PARASITOLOGY PREP. MANUAL FOR UG | NAGOBA | 1 |
| 12 | 2847 | ESSENTIAL OF MICROBIOLOGY | JAIN | 1 |
| 13 | 2852 | MICROBIOLOGY PRACTICAL MANUAL | JAIN | 1 |
| 14 | 3105 | TEXTBOOK OF MICROBIOLOGY | NARAYAN | 1 |
| 15 | 3122 | COMPLETE MICROBIOLOGY FOR MBBS | BAVEJA | 1 |
| 16 | 3127 | PRACTICAL MICROBIOLOGY FOR MBBS | BAVEJA | 1 |
| 17 | 3071 | TEXTBOOK OF PATHOLOGY | HARSH MOHAN | 1 |
| 18 | 3089 | PATHOLOGY QUICK REVIEW | HARSH MOHAN | 1 |
| 19 | 3174 | TEXTBOOK OF PATHOLOGY | RAJESHWARI | 1 |
| 20 | 3172 | MEDICAL MICROBIOLOGY AND PARASITOLOGY PREPARATORY MANUAL FOR UG | B.S. NAGOBA | 1 |
| 21 | 3173 | TEXTBOOK OF PATHOLOGY | HARSH MOHAN | 1 |
| 22 | 3174 | PATHOLOGY QUICK REVIEW | HARSH MOHAN | 1 |

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DEPARTMENT – PATHOLOGY AND MICROBIOLOGY
DPOWER POINTS PRESENTATIONS LIST



| Sr. No. | Name of ppt |
|---------|---|
| | General pathology |
| 1 | Introduction to pathology & branches of pathology |
| 2 | Relation of pathology to hom. Miasm |
| 3 | Cell injury-1 |
| 4 | Cell injury type & mechanism |
| 5 | Irreversible cell injury- necrosis |
| 6 | Gangrene |
| 7 | Apoptosis |
| 8 | Intracellular accumulation |
| 9 | Cellular ageing |
| 10 | Inflammation 1 |
| 11 | Acute inflammation & chemical mediators |
| 12 | Inflammatory cells |
| 13 | Chronic inflammation |
| 14 | Oedema |
| 15 | Thrombosis |
| 16 | Amoiodosis |
| 17 | Embolism |
| 18 | Hyperaemia and congestion |
| 19 | Shock |
| 20 | infarction |
| 21 | Neoplasm |
| 22 | Warburg effect |

| | |
|----|-------------------------------|
| 23 | Grading and staging of cancer |
| | Systemic pathology |
| 24 | Pneumonia |
| 25 | Lung abscess |
| 26 | Copd |
| 27 | Bronchiectasis |
| 28 | Bronchial astma |
| 29 | Pulmonary tuberculosis |
| 30 | Interstitial lung disease |
| 31 | Atherosclerosis |
| 32 | Ischaemic heart disease |
| 33 | Angina pectoris |
| 34 | Acute myocardial infarction |
| 35 | Rheumatic heart disease |
| 36 | Gastritis |
| 37 | Inflammatory bowel disease |
| 38 | Jaundice |
| 39 | Hepatitis |
| 40 | Liver cirrhosis |
| 41 | Acute pancreatitis |
| 42 | Liver function test |
| | parasitology |
| 1. | Introduction to parasitology |
| 2. | protozoa |
| 3. | Malarial parasite |

| | |
|----|---------------------|
| 4. | haemoflagellete |
| 5. | heminths |
| 6. | Wucheriabroncrofti |
| 7. | Acylostomaduodenale |
| 8. | Nematode |


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PARASITOLOGY SLIDE LIST

| SR. NO. | NAME OF SLIDE | QUANTITY |
|---------|--------------------------------------|----------|
| 1 | Hookworm (Ancylostoma) W.M. | 01 |
| 2 | Tapeworm C.S. | 01 |
| 3 | Tapeworm Scolex W.M. | 01 |
| 4 | Head Louse W.M. | 01 |
| 5 | Housefly Mouth Parts | 01 |
| 6 | Entamoeba Histolytica | 01 |
| 7 | Tick Soft W.M. | 01 |
| 8 | Ascaris Male C.S. | 01 |
| 9 | Ascaris Female C.S. | 01 |
| 10 | Fasciola Hepatica (liver fluke) W.m. | 01 |
| 11 | Bed Bug W.M. | 01 |
| 12 | Mite W.M. | 01 |

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