

**DEAR II ND YEAR BAMS STUDENTS,**

NCISM RECENTLY INCLUDED MODERN PATHOLOGY AND MEDICINE TOPICS FROM THIS YEAR IN ROGA NIDAN EVAM VIKRITI VIGYAN SYLLABUS. THIS HAS BEEN A PART OF USING MODERN ADVANCES IN DIAGNOSING AND TREATING A PATIENT. PATHOLOGY AND MEDICINE ARE PART AND PARCEL OF DAY TO DAY PRACTICE INDEPENDENT OF WHETHER WE ARE GENERAL PRACTITIONER OR RUNNING A HOSPITAL. KNOWING PHYSIOLOGY IS VERY IMPORTANT TO UNDERSTAND PATHOLOGY AND KNOWING PATHOGENESIS IS VERY IMPORTANT TO UNDERSTAND MEDICINE. CLARITY OF CONCEPTS IS VERY ESSENTIAL PART OF PATHOLOGY AND MEDICINE.

CONSIDERING THESE FACTS WE HAVE ALREADY STARTED CLASSES EARLY THIS YEAR. WE HAVE SUCCESSFULLY COVERED ALL THE MODERN TOPICS INCLUDED IN THE SYLLABUS. MORE THAN 1200 + STUDENTS ACROSS INDIA ARE A PART OF OUR CLASSES. ONLINE CLASSES WILL BE CONDUCTED ON EVERY SUNDAY FOR 2 HOURS 30 MINUTES FROM 20 TH OF OCTOBER 2024 TO 19 TH OCTOBER 2025 FOR A FRESH BATCH. EXPERIENCED AND SIMPLIFIED TEACHING IS THE HALLMARK OF OUR CLASSES.

NCISM IS EXPECTING INTERPRETATION OF VARIOUS PATHOLOGICAL INVESTIGATIONS. FOR THIS INTERPRETATION IT IS ABSOLUTELY NECESSARY TO KNOW THE PATHOGENESIS OF THE DISEASES. SO PLEASE KINDLY NOTE THAT ALL THE DISEASES WILL BE EXPLAINED WITH DETAILED PATHOGENESIS INCLUSIVE OF HISTOPATHOLOGICAL SLIDES. VARIOUS ASPECTS OF BACTERIOLOGY, VIROLOGY, PARASITOLOGY WILL BE ADDED WHEREVER NECESSARY. WE ARE SURE THAT AT THE END OF 10 MONTHS YOU WILL BE CONFIDENT AND SATISFIED. **THIS SERIES OF LECTURES IS ALSO USEFUL FOR FINAL YEAR STUDENTS, INTERNSHIP STUDENTS. AND PG STUDENTS. THEY TOO CAN JOIN. INTERESTED**

STUDENTS MAY CONTACT ON MOBILE NO. 777 505 11 77 FOR FURTHER DETAILS. BOOK YOUR SEAT AT THE EARLIEST TO AVOID DISAPPOINTMENT. **FOLLOWING SYLLABUS POINTS WILL BE COVERED.**

**PAPER I :-**

**HEALING / REPAIR**

**IMMUNITY**

**IMMUNE PATHOLOGY**

**CELL INJURY AND CELLULAR ADAPTATIONS**

**INFLAMMATION**

**HAEMODYNAMIC DISORDERS – THROMBOSIS, EMBOLISM, HYPEREMIA AND CONGESTION, CVC LUNG, CVC LIVER AND CVC SPLEEN WITH HISTOPATHOLOGICAL SLIDES.**

**NEOPLASIA**

**INFECTION AND NUTRITIONAL DISORDERS**

## **PAPER II :-**

- **COMMON GIT DISEASES** - ULCERATIVE AND NON ULCERATIVE DYSPEPSIA, IRRITABLE BOWEL SYNDROME, INFLAMMATORY BOWEL DISEASE.
- **COMMON URINARY DISEASES** - URINARY TRACT INFECTION, PROSTATOMEGALY, NEPHROTIC SYNDROME, NEPHRITIC SYNDROME, ACUTE KIDNEY INJURY AND CHRONIC KIDNEY DISEASE.
- **COMMON LUNG DISORDERS** – PNEUMONIA, CHRONIC OBSTRUCTIVE PULMONARY DISEASE, PLEURAL EFFUSION, BRONCHIECTASIS.
- **FEVER** – GENERAL MECHANISM OF FEVER, PARASITIC FEVERS (FILARIASIS , MALARIA), TYPHOID, DENGUE , CHIKUNGUNYA , OTHER COMMON REGIONAL DISORDERS PRESENTING WITH FEVERS.
- **HEMATOPOIETIC DISEASES** – ANAEMIA , NUTRITIONAL ANAEMIA, THALASSEMIA, SICKLE CELL ANAEMIA, LEUKAEMIA , THROMBOCYTOPENIA.
- **CARDIOVASCULAR DISEASES** – CORONARY ARTERY DISEASES (ISCHEMIC HEART DISEASES AND MYOCARDIAL INFARCTION) , CONGESTIVE CARDIAC FAILURE.
- **HEPATOBIILIARY DISEASES** – LIVER CIRRHOSIS , ALCOHOLIC AND NON ALCOHOLIC DISEASES , HEPATITIS, JAUNDICE AND ASCITES.
- **SKIN DISEASE** – PSORIASIS , LICHEN PLANUS, BULLOUS LESION – PEMPFIGUS AND PEMPFIGOID, VITILIGO, LEPROSY, CELLULITIS.
- **THYROID DISORDERS** – HYPOTHYROIDISM AND HYPERTHYROIDISM.

### **OBESITY.**

### **DIABETES MELLITUS AND PANCREATITIS.**

**COMMON NEUROLOGICAL AND SPINE DISORDERS** – PARKINSONS DISEASE , STROKE, BELLS Palsy, MOTOR NEURON DISEASE , TRANSVERSE MYELITIS , EPILEPSY (ORGANIC).

**COMMON SPINE DISORDERS** – LUMBAGO , SCIATICA SYNDROME , BRACHIAL NEURALGIA, CERVICAL AND LUMBAR SPONDYLOSIS.

**IMMUNOLOGICAL AND METABOLIC DISORDERS** - RHEUMATIC FEVER AND RHEUMATOID ARTHRITIS , SLE , ANKYLOSING SPONDYLITIS ,GOUT.

**COMMON PSYCHIATRIC DISEASES** – DEPRESSION , ANXIETY NEUROSIS.

**SEXUALLY TRANSMITTED DISEASES** – SYPHILIS AND GONORRHOEA.

**CLINICAL PRESENTATION OF COMMON PARASITIC DISORDERS** – HOOK WORM, ROUND WORM, THREAD WORM, PIN WORM. **TUBERCULOSIS.**

**METHOD OF GENERAL EXAMINATION AND SYSTEMIC EXAMINATION OF VARIOUS SYSTEMS. ( INSPECTION , PALPATION , PERCUSSION , AUSCULTATION )**

- NERVOUS SYSTEM
- CARDIOVASCULAR SYSTEM
- RESPIRATORY SYSTEM
- MGASTROINTESTINAL SYSTEM
- INTEGUMENTARY SYSTEM
- UROGENITAL SYSTEM
- MUSCULOSKELETAL

**CAUSES AND MECHANISM OF MANIFESTATION OF VARIOUS SYMPTOMS -**

- PAIN IN ABDOMEN
- EDEMA
- DIARRHEA
- DYSENTERY
- DEHYDRATION
- CONSTIPATION HEMATURIA
- HICCOUGH STROKE
- BREATHLESSNESS
- COUGH
- VOMITING
- JOINT PAIN WITH OR WITHOUT SWELLING
- NECK AND LOW BACK PAIN RADIATING TO CORRESPONDING LIMB

● **ECG INTERPRETATION**

- **INTERPRETATION OF HISTOPATHOLOGY SPECIMENS – LUNG, HEART, LIVER, SPLEEN, LYMPH NODE, GLANDS ETC.**

- **INTERPRETATION OF CBC REPORT: – HB , RBC , NEUTROPHILS, LYMPHOCYTES, EOSINOPHILS, MONOCYTES, BASOPHILS, PLATELETS, ESR, MCV, PCV ETC.**

- **INTERPRETATION OF URINE REPORT - DEPENDING UPON FINDINGS IN PHYSICAL , CHEMICAL AND**

MICROSCOPIC EXAMINATION - APPEARANCE, COLOUR, ODOUR ( PHYSICAL) URINE SPECIFIC GRAVITY,PH, SUGAR ,

ALBUMIN, BILE PIGMENT, BILE SALT, OCCULT BLOOD, KETONE, UROBILINOGEN (CHEMICAL) EPITHELIAL CELLS, LEUCOCYTES , RBCS , CASTS, CRYSTALS. ( MICROSCOPIC EXAMINATION ).

- **INTERPRETATION OF LIVER FUNCTION TEST REPORT- TOTAL BILIRUBIN, DIRECT AND INDIRECT BILIRUBIN, SGOT, SGPT, S ALKALINE PHOSPHATASE ETC.**

- **INTERPRETATION OF RENAL FUNCTION TEST- BLOOD UREA, S. CREATININE, S. URIC ACID ETC.**

- **INTERPRETATION OF THYROID FUNCTION TEST- T3, T4, TSH ETC.**

- **INTERPRETATION OF LIPID PROFILE – S. CHOLESTEROL, HDL, LDL, TRIGLYCERIDES ETC.**

- **INTERPRETATION OF DIABETIC PROFILE – FBS, PPBS, RBS, Hb1AC ETC.**

- **INTERPRETATION OF PERIPHERAL SMEAR REPORT IN MALARIA AND FILARIASIS.**

- **INTERPRETATION OF FOLLOWING TEST REPORTS – RA FACTOR , WIDAL TEST , ASO TITRE , VDRL , CRP.**

- **INTERPRETATION OF STOOL EXAMINATION REPORT – PHYSICAL, MICROSCOPIC, CHEMICAL- COLOUR, CONSISTENCY, ODOUR OVA, CYST, PUS CELLS, RBC ETC PH, REDUCING SUBSTANCES.**

- **INTERPRETATION OF BT, CT, PROTHROMBIN TIME, INR.**

- **PRINCIPLE OF SEMI/FULLY AUTOMATED BIOCHEMICAL ANALYSER. ELISA TECHNIQUE.**

# FEES STURCTURE

TOTAL DURATION OF THE COURSE  
SHALL BE 12 MONTHS

550 / MONTH / STUDENT

OR

RS.5000

ONLY FOR TOTAL COURSE IF PAID AT A TIME

## PAYMENT METHOD

- BY SCANNING QR CODE OR ACCOUNT TRANSFER
- QR CODE IS AVAILABLE AT OUR WEBSITE [WWW.AYUSHLOGY.COM](http://WWW.AYUSHLOGY.COM) AND ALSO ON THE BROCHURE SENT TO YOU BY MAIL.
- YOU MAY REQUEST FOR A QR CODE BY SENDING A MESSAGE 'QR CODE' TO OUR WHATSAAP NUMBER (7775051177)
- FOR THE STUDENTS WHO WANT TO MAKE ACCOUNT TRANSFER, OUR BANK DETAILS ARE GIVEN BELOW.

## ADMISSION PROCEDURE

- SEND A PHOTO OF YOUR AADHAR CARD, COLLEGE ID AND PAYMENT DETAILS ON OUR WHATSAAP OR OUR EMAIL ID. YOU WILL RECEIVE A CONFIRMATION MESSAGE AFTER VERIFICATION



A/C Name : AYUSHLOGY  
BANK NAME: HDFC BANK  
IFSC CODE : HDFC0000164  
A/C NO. : 50200091107877