



# AYUSHLOGY ONLINE CLASSES

RESPECTED PRINCIPAL / HOD ROG NIDAN EVAM VIKRITI VIGYAN DEPARTEMENT,  
SIR,

NCISM RECENTELY INCLUDED MODERN PATHOLOGY AND MEDICINE TOPICS FROM THIS YEAR IN ROGA NIDAN EVAM VIKRITI VIGYAN SYLLABUS FOR 2 ND YEAR. 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 DECIDED TO START CLASSES WHICH WILL COVER ALL THE MODERN TOPICS INCLUDED IN ROGA NIDAN VIKRITI VIGYAN SYLLABUS. ONLINE CLASSES WILL BE CONDUCTED ON EVERY SUNDAY FOR 2 HOURS 15 MINUTES FROM 17 TH OF MARCH 2024 .

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. THIS SERIES OF LECTURES IS ALSO USEFUL FOR FINAL YEAR STUDENTS, INTERNSHIP STUDENTS AND PG STUDENTS. THEY TOO CAN JOIN. **MAY I REQUEST YOU TO KINDLY PUBLISH THIS INFORMATION ON YOUR NOTICE BOARD FOR STUDENTS OR CARRY THIS BROCHURE TO THE STUDENTS.**

📍 Ayushlogy Online Classes, 521 E Ward, Shahupuri, Kolhapur, Maharashtra - 416001.  
Email - [ayushlogyclasses@gmail.com](mailto:ayushlogyclasses@gmail.com), Contact : 777 505 11 77, 78977 99171  
Website : [www.ayushlogy.com](http://www.ayushlogy.com)



# AYUSHLOGY ONLINE CLASSES

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 DECIDED TO START CLASSES WHICH WILL COVER ALL THE MODERN TOPICS INCLUDED IN ROGA NIDAN EVAM VIKRITI VIGYAN SYLLABUS. ONLINE CLASSES WILL BE CONDUCTED ON EVERY SUNDAY FOR 2 HOURS 15 MINUTES FROM 17 TH OF MARCH 2024. 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, 78977 99171 FOR FURTHER DETAILS. BOOK YOUR SEAT AT THE EARLIEST TO AVOID DISAPPOINTMENT.

FOLLOWING SYLLABUS POINTS WILL BE COVERED.

## THEORY PART

### 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.
- HEPATOBILIARY DISEASES – LIVER CIRRHOSIS , ALCOHOLIC AND NON ALCOHOLIC DISEASES , HEPATITIS, JAUNDICE AND ASCITES.
- SKIN DISEASE – PSORIASIS , LICHEN PLANUS, BULLOUS LESION – PEMPHIGUS AND PEMPHIGOID, 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 , SCITICA SYNDROME , BRACHIAL NEURALGIA, CERVICAL AND LUMBAR SPONDYLOYSIS.
- **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.**

## TOPICS RELATED TO PRACTICAL EXAMINATION

### METHOD OF GENERAL EXAMINATION AND SYSTEMIC EXAMINATION OF VARIOUS SYSTEMS.

( INSPECTION , PALPATION , PERCUSSION , AUSCULTATION )

- |                         |                           |                          |
|-------------------------|---------------------------|--------------------------|
| ● NERVOUS SYSTEM        | ● GASTROINTESTINAL SYSTEM | ● UROGENITAL SYSTEM      |
| ● CARDIOVASCULAR SYSTEM | ● INTEGUMENTARY SYSTEM    | ● MUSCULOSKELETAL SYSTEM |
| ● RESPIRATORY SYSTEM    |                           |                          |

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

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

### ● 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, SUGER , 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 EXAINATION 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 STRUCTURE

**2500/ STUDENT / MONTH**

GROSS CONCESSION SHALL BE GIVEN TO THE STUDENTS ON FOLLOWING BASIS

**2000/ STUDENT / MONTH**

IF 5 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

**1500/ STUDENT / MONTH**

IF 10 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

**1100/ STUDENT / MONTH**

IF 15 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

**950/ STUDENT / MONTH**

IF 20 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

**850/ STUDENT / MONTH**

IF 30 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

**750/ STUDENT / MONTH**

IF 40 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

**650/ STUDENT / MONTH**

IF 50 STUDENTS FROM SAME COLLEGE TAKE ADMISSION

- TOTAL. DURATION OF THE COURSE SHALL BE 10 MONTHS FROM 17 TH MARCH 2024 / TO 29 DECEMBER 2024
- GOOGLE FORM IS AVAILABLE AT OUR WEBSITE [WWW.AYUSHLOGY.COM](http://WWW.AYUSHLOGY.COM) IT IS COMPULSORY FOR EVERY STUDENT TO COMPLETE AND UPLOAD THE GOOGLE FORM.
- QR CODE IS AVAILABLE AT THE WEBSITE. PAYMENT WILL BE ACCEPTED THROUGH ALL ONLINE PAYMENT METHODS
- APART FROM 2 ND YEAR STUDENTS, IF STUDENTS FROM FINAL YEAR OR INTERN OR PG STUDENTS JOINES FROM SAME COLLEGE; WILL BE ADDED TO TOTAL COUNT OF THE STUDENTS FROM SAME COLLEGE.
- FIRST LECTURE SHALL BE FREE FOR ALL STUDENTS TO BE CARRIED ON 17 TH MARCH 2024  
TOPIC - CELL INJURY AND CELLULAR ADAPTATIONS. FOR LINK PLEASE VISIT OUR WEBSITE.

📍 Ayushlogy Online Classes, 521 E Ward, Shahupuri, Kolhapur, Maharashtra - 416001.  
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**Contact : 777 505 11 77, 78977 99171**

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

**CLASS TIMING : 11.00 AM TO 1.15 PM (EVERY SUNDAY)**