

DENTAL SCIENCES • SPECIALIST TRAINING



NTHRYS

OPC PVT LTD

DENTAL SCIENCES • FELLOWSHIP TRAINING PROGRAMS

General Pathology & Microbiology

The complete general pathology and microbiology foundation for dental graduates and postgraduates — spanning cell injury, inflammation, repair, haemodynamic disorders, immunopathology and neoplasia, the systemic pathology of every organ system, laboratory, clinical and forensic pathology, and the full general microbiology and immunology spectrum, extended to molecular and AI-driven diagnostics. Every module is delivered through structured laboratory and microscopy teaching.

33

SUB-STREAMS

134

PROTOCOLS

895

HOURS

2026

EDITION

Sub-Streams at a Glance

This catalogue lists every General Pathology & Microbiology training protocol delivered at the NTHRYS Dental Sciences centre, organised under the **GP** department across 33 specialist sub-streams. Each protocol carries a unique code, a defined duration and a per-protocol fee, and may be combined into custom fellowship tracks. Protocols are pitched at practising specialists, postgraduates and digital-laboratory technologists.

STREAM	SUB-STREAM	FOCUS	N	HRS	VALUE
NDS-GP-CI	Cell Injury, Death & Adaptation	Cellular-response pathology	5	32	₹ 54,000
NDS-GP-IN	Inflammation	Acute and chronic inflammation	4	27	₹ 48,500
NDS-GP-RP	Repair, Healing & Regeneration	Tissue-repair pathology	4	25	₹ 42,000
NDS-GP-HD	Hemodynamic Disorders	Circulatory pathology	4	27	₹ 48,500
NDS-GP-IM	Immunopathology & Hypersensitivity	Immune-mediated disease	4	29	₹ 55,500
NDS-GP-NE	Neoplasia	Tumour pathology	5	35	₹ 70,000
NDS-GP-GD	Genetic & Developmental Disorders	Inherited-disease pathology	4	26	₹ 44,000
NDS-GP-ND	Nutritional & Metabolic Disorders	Deficiency and storage pathology	4	25	₹ 39,500
NDS-GP-ID	Infectious Disease Pathology	Host-pathogen pathology	4	27	₹ 48,500
NDS-GP-EN	Environmental & Chemical Pathology	Toxic and radiation injury	4	25	₹ 39,500
NDS-GP-CV	Cardiovascular System Pathology	Heart and vessel disease	4	27	₹ 48,500
NDS-GP-RS	Respiratory System Pathology	Lung disease	4	27	₹ 46,000
NDS-GP-GI	Gastrointestinal & Liver Pathology	Digestive-system disease	4	26	₹ 44,000
NDS-GP-RN	Renal & Urinary Pathology	Kidney and urinary disease	4	26	₹ 44,000
NDS-GP-HE	Hematology & Blood Pathology	Blood and marrow disease	4	28	₹ 53,500
NDS-GP-EP	Endocrine System Pathology	Endocrine-gland disease	4	27	₹ 46,000
NDS-GP-MS	Musculoskeletal & Bone Pathology	Bone, joint and muscle disease	4	26	₹ 41,000

Sub-Streams at a Glance *continued*

STREAM	SUB-STREAM	FOCUS	N	HRS	VALUE
NDS-GP-NS	Nervous System Pathology	CNS disease	4	26	₹ 44,000
NDS-GP-SK	Skin Pathology	Dermatopathology	4	25	₹ 39,500
NDS-GP-HT	Histopathology & Techniques	Tissue-diagnosis methods	4	27	₹ 48,500
NDS-GP-CP	Clinical Pathology & Body Fluids	Laboratory diagnostics	4	26	₹ 44,000
NDS-GP-CY	Cytopathology	Cellular diagnosis	4	26	₹ 44,000
NDS-GP-BB	Blood Banking & Transfusion	Transfusion medicine	4	25	₹ 42,000
NDS-GP-AP	Autopsy & Forensic Pathology	Post-mortem and medico-legal	4	27	₹ 48,500
NDS-GP-GM	General Microbiology & Sterilization	Microbiology foundations	4	26	₹ 44,000
NDS-GP-BA	Bacteriology	Systemic bacterial pathogens	4	27	₹ 48,500
NDS-GP-VI	Virology	Viral disease and diagnostics	4	27	₹ 46,000
NDS-GP-MY	Mycology	Fungal disease and diagnostics	4	25	₹ 39,500
NDS-GP-PA	Parasitology	Parasite disease and diagnostics	4	24	₹ 38,000
NDS-GP-IY	Immunology	Immune mechanisms and assays	4	27	₹ 48,500
NDS-GP-IC	Infection Control & Hospital Microbiology	Healthcare microbiology	4	26	₹ 44,000
NDS-GP-MO	Molecular Pathology & Diagnostics	Molecular techniques	4	32	₹ 90,000
NDS-GP-AI	AI & Digital Pathology/Microbiology	Automated diagnostics	4	34	₹ 1,29,000
Full department — 33 sub-streams			134	895	₹ 16,51,000

How the Programme is Built

Fees are tiered by clinical and technological complexity — from advanced core restorative protocols through implant, maxillofacial, digital, robotic and bioengineered streams. Per-protocol fees range from ₹ 9,500 to ₹ 34,000, with the complete department representing ₹ 16,51,000 of specialist training across 895 hours.

HOW TO READ A CODE

NDS – GP – CI – 01

NDS

Nthys Dental Sciences

GP

General Pathology & Microbiology dept

CI

Sub-stream

01

Protocol number

Every protocol is delivered hands-on on live clinical and digital-laboratory equipment, with structured assessment and case documentation. Sub-streams may be enrolled individually or bundled into themed fellowship pathways (e.g. *Full-Arch Implant, Digital & Robotic, Maxillofacial Rehabilitation*).

Cell Injury, Death & Adaptation

Cellular-response pathology

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-CI-01	Cell-Injury Mechanisms	Reversible and irreversible injury.	7 hrs	₹ 12,000
NDS-GP-CI-02	Cellular Adaptations	Hypertrophy, atrophy and metaplasia.	6 hrs	₹ 10,000
NDS-GP-CI-03	Necrosis & Apoptosis	Cell-death pathology.	7 hrs	₹ 12,000
NDS-GP-CI-04	Intracellular Accumulations	Pigment and deposit pathology.	6 hrs	₹ 10,000
NDS-GP-CI-05	Calcification & Cell Ageing	Pathologic-calcification.	6 hrs	₹ 10,000

Inflammation

Acute and chronic inflammation

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-IN-01	Acute Inflammation	Vascular and cellular events.	7 hrs	₹ 12,500
NDS-GP-IN-02	Chemical Mediators	Inflammatory-mediator pathology.	7 hrs	₹ 12,500
NDS-GP-IN-03	Chronic Inflammation	Granulomatous pathology.	7 hrs	₹ 12,500
NDS-GP-IN-04	Morphologic Patterns	Inflammation-pattern recognition.	6 hrs	₹ 11,000

Repair, Healing & Regeneration

Tissue-repair pathology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-RP-01	Cell Regeneration	Regenerative-capacity pathology.	6 hrs	₹ 10,000
NDS-GP-RP-02	Wound Healing	Repair-process pathology.	7 hrs	₹ 12,000
NDS-GP-RP-03	Fibrosis & Scar Formation	Connective-tissue repair.	6 hrs	₹ 10,000
NDS-GP-RP-04	Factors Affecting Healing	Healing-impairment pathology.	6 hrs	₹ 10,000

Hemodynamic Disorders

Circulatory pathology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-HD-01	Edema & Fluid Disorders	Fluid-imbalance pathology.	7 hrs	₹ 12,500
NDS-GP-HD-02	Thrombosis	Clot-formation pathology.	7 hrs	₹ 12,500
NDS-GP-HD-03	Embolism & Infarction	Vascular-occlusion pathology.	7 hrs	₹ 12,500
NDS-GP-HD-04	Shock & Hyperemia	Circulatory-failure pathology.	6 hrs	₹ 11,000

Immunopathology & Hypersensitivity

Immune-mediated disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-IM-01	Immune-System Overview	Immunopathology basics.	7 hrs	₹ 13,500
NDS-GP-IM-02	Hypersensitivity Reactions	Type I-IV reactions.	8 hrs	₹ 15,000
NDS-GP-IM-03	Autoimmune Disease	Self-reactive pathology.	7 hrs	₹ 13,500
NDS-GP-IM-04	Immunodeficiency & Transplant	Immune-failure pathology.	7 hrs	₹ 13,500

Neoplasia

Tumour pathology

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-NE-01	Neoplasia Fundamentals	Tumour-biology pathology.	7 hrs	₹ 14,000
NDS-GP-NE-02	Benign vs Malignant Tumours	Tumour-classification.	7 hrs	₹ 14,000
NDS-GP-NE-03	Carcinogenesis	Cancer-development pathology.	8 hrs	₹ 16,000
NDS-GP-NE-04	Tumour Spread & Staging	Invasion and metastasis pathology.	7 hrs	₹ 14,000
NDS-GP-NE-05	Tumour Markers & Diagnosis	Diagnostic-oncology pathology.	6 hrs	₹ 12,000

Genetic & Developmental Disorders

Inherited-disease pathology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-GD-01	Genetic-Disorder Pathology	Inherited-disease pathology.	7 hrs	₹ 12,000
NDS-GP-GD-02	Chromosomal Abnormalities	Cytogenetic pathology.	7 hrs	₹ 12,000
NDS-GP-GD-03	Developmental Disorders	Congenital-anomaly pathology.	6 hrs	₹ 10,000
NDS-GP-GD-04	Single-Gene & Multifactorial Disease	Inheritance pathology.	6 hrs	₹ 10,000

Nutritional & Metabolic Disorders

Deficiency and storage pathology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-ND-01	Nutritional-Deficiency Pathology	Deficiency-disease pathology.	6 hrs	₹ 9,500
NDS-GP-ND-02	Metabolic Disorders	Storage and metabolic pathology.	7 hrs	₹ 11,000
NDS-GP-ND-03	Obesity & Excess States	Nutritional-excess pathology.	6 hrs	₹ 9,500
NDS-GP-ND-04	Vitamin & Mineral Pathology	Micronutrient-disorder pathology.	6 hrs	₹ 9,500

Infectious Disease Pathology

Host-pathogen pathology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-ID-01	Infectious-Disease Pathology	Host-pathogen pathology.	7 hrs	₹ 12,500
NDS-GP-ID-02	Bacterial-Disease Pathology	Bacterial-infection pathology.	7 hrs	₹ 12,500
NDS-GP-ID-03	Viral-Disease Pathology	Viral-infection pathology.	7 hrs	₹ 12,500
NDS-GP-ID-04	Granulomatous Infections	TB and granulomatous pathology.	6 hrs	₹ 11,000

Environmental & Chemical Pathology

Toxic and radiation injury

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-EN-01	Environmental Pathology	Toxin and pollution pathology.	6 hrs	₹ 9,500
NDS-GP-EN-02	Chemical & Drug Injury	Toxic-injury pathology.	7 hrs	₹ 11,000
NDS-GP-EN-03	Radiation Pathology	Radiation-injury pathology.	6 hrs	₹ 9,500
NDS-GP-EN-04	Occupational-Disease Pathology	Exposure-disease pathology.	6 hrs	₹ 9,500

Cardiovascular System Pathology

Heart and vessel disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-CV-01	Atherosclerosis & Vessel Disease	Vascular pathology.	7 hrs	₹ 12,500
NDS-GP-CV-02	Ischemic Heart Disease	Coronary pathology.	7 hrs	₹ 12,500
NDS-GP-CV-03	Hypertensive & Valvular Disease	Cardiac pathology.	7 hrs	₹ 12,500
NDS-GP-CV-04	Cardiomyopathy & Pericarditis	Myocardial pathology.	6 hrs	₹ 11,000

Respiratory System Pathology

Lung disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-RS-01	Obstructive Lung Disease	COPD and asthma pathology.	7 hrs	₹ 12,000
NDS-GP-RS-02	Restrictive & Infective Disease	Pneumonia and fibrosis pathology.	7 hrs	₹ 12,000
NDS-GP-RS-03	Lung Tumours	Respiratory-neoplasia pathology.	7 hrs	₹ 12,000
NDS-GP-RS-04	Pleural & Vascular Lung Disease	Pleural pathology.	6 hrs	₹ 10,000

Gastrointestinal & Liver Pathology

Digestive-system disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-GI-01	GI-Tract Pathology	Gut-disease pathology.	7 hrs	₹ 12,000
NDS-GP-GI-02	Liver & Biliary Pathology	Hepatobiliary pathology.	7 hrs	₹ 12,000
NDS-GP-GI-03	Pancreatic Pathology	Pancreatic-disease pathology.	6 hrs	₹ 10,000
NDS-GP-GI-04	GI Tumours	Digestive-neoplasia pathology.	6 hrs	₹ 10,000

Renal & Urinary Pathology

Kidney and urinary disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-RN-01	Glomerular Disease	Glomerular pathology.	7 hrs	₹ 12,000
NDS-GP-RN-02	Tubulointerstitial Disease	Tubular pathology.	7 hrs	₹ 12,000
NDS-GP-RN-03	Renal Vascular & Failure	Renal-failure pathology.	6 hrs	₹ 10,000
NDS-GP-RN-04	Urinary Tract & Tumours	Urologic pathology.	6 hrs	₹ 10,000

Hematology & Blood Pathology

Blood and marrow disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-HE-01	Anemia Pathology	RBC-disorder pathology.	7 hrs	₹ 13,500
NDS-GP-HE-02	Leukemia & Lymphoma	Hematologic-malignancy pathology.	8 hrs	₹ 15,000
NDS-GP-HE-03	Bleeding & Coagulation Disorders	Hemostatic pathology.	7 hrs	₹ 13,500
NDS-GP-HE-04	Bone Marrow & Spleen Pathology	Hematopoietic pathology.	6 hrs	₹ 11,500

Endocrine System Pathology

Endocrine-gland disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-EP-01	Thyroid & Parathyroid Pathology	Endocrine pathology.	7 hrs	₹ 12,000
NDS-GP-EP-02	Adrenal & Pituitary Pathology	Endocrine-gland pathology.	7 hrs	₹ 12,000
NDS-GP-EP-03	Diabetes Mellitus Pathology	Metabolic-endocrine pathology.	7 hrs	₹ 12,000
NDS-GP-EP-04	Endocrine Tumours	Endocrine-neoplasia pathology.	6 hrs	₹ 10,000

Musculoskeletal & Bone Pathology

Bone, joint and muscle disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-MS-01	Bone-Disease Pathology	Metabolic-bone pathology.	7 hrs	₹ 11,000
NDS-GP-MS-02	Joint & Arthritis Pathology	Articular pathology.	6 hrs	₹ 9,500
NDS-GP-MS-03	Bone & Soft-Tissue Tumours	Musculoskeletal-neoplasia.	7 hrs	₹ 11,000
NDS-GP-MS-04	Muscle-Disease Pathology	Myopathic pathology.	6 hrs	₹ 9,500

Nervous System Pathology

CNS disease

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-NS-01	CNS Vascular & Trauma	Cerebrovascular pathology.	7 hrs	₹ 12,000
NDS-GP-NS-02	CNS Infections	Neuroinfective pathology.	7 hrs	₹ 12,000
NDS-GP-NS-03	Neurodegenerative Disease	Degenerative pathology.	6 hrs	₹ 10,000
NDS-GP-NS-04	CNS Tumours	Neuro-oncology pathology.	6 hrs	₹ 10,000

Skin Pathology

Dermatopathology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-SK-01	Inflammatory Skin Disease	Dermatopathology basics.	6 hrs	₹ 9,500
NDS-GP-SK-02	Skin Infections	Cutaneous-infective pathology.	6 hrs	₹ 9,500
NDS-GP-SK-03	Skin Tumours	Cutaneous-neoplasia pathology.	7 hrs	₹ 11,000
NDS-GP-SK-04	Pigmentary & Vesiculobullous Skin Disease	Skin-disease pathology.	6 hrs	₹ 9,500

Histopathology & Techniques

Tissue-diagnosis methods

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-HT-01	Histopathology Techniques	Tissue-processing methods.	7 hrs	₹ 12,500
NDS-GP-HT-02	Staining & Special Stains	Staining-technique methods.	7 hrs	₹ 12,500
NDS-GP-HT-03	Immunohistochemistry	IHC technique.	7 hrs	₹ 12,500
NDS-GP-HT-04	Microscopy & Reporting	Slide-interpretation.	6 hrs	₹ 11,000

Clinical Pathology & Body Fluids

Laboratory diagnostics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-CP-01	Clinical Pathology Overview	Lab-diagnostic principles.	6 hrs	₹ 10,000
NDS-GP-CP-02	Urine & Body-Fluid Analysis	Fluid-examination methods.	7 hrs	₹ 12,000
NDS-GP-CP-03	Hematologic Investigations	Blood-test interpretation.	7 hrs	₹ 12,000
NDS-GP-CP-04	Clinical Chemistry Tests	Biochemical-panel interpretation.	6 hrs	₹ 10,000

Cytopathology

Cellular diagnosis

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-CY-01	Exfoliative Cytology	Smear-cytology methods.	7 hrs	₹ 12,000
NDS-GP-CY-02	Fine-Needle Aspiration	FNAC technique.	7 hrs	₹ 12,000
NDS-GP-CY-03	Cytologic Interpretation	Cytology-diagnosis.	6 hrs	₹ 10,000
NDS-GP-CY-04	Liquid-Based Cytology	Modern-cytology methods.	6 hrs	₹ 10,000

Blood Banking & Transfusion

Transfusion medicine

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-BB-01	Blood-Group Systems	Grouping serology.	6 hrs	₹ 10,000
NDS-GP-BB-02	Cross-Matching & Compatibility	Transfusion-testing.	7 hrs	₹ 12,000
NDS-GP-BB-03	Blood Components & Storage	Component-preparation.	6 hrs	₹ 10,000
NDS-GP-BB-04	Transfusion Reactions	Adverse-reaction pathology.	6 hrs	₹ 10,000

Autopsy & Forensic Pathology

Post-mortem and medico-legal

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-AP-01	Autopsy Principles	Post-mortem technique.	7 hrs	₹ 12,500
NDS-GP-AP-02	Forensic Pathology Basics	Medico-legal pathology.	7 hrs	₹ 12,500
NDS-GP-AP-03	Cause-of-Death Determination	Death-investigation.	7 hrs	₹ 12,500
NDS-GP-AP-04	Specimen & Evidence Handling	Forensic-sampling.	6 hrs	₹ 11,000

General Microbiology & Sterilization

Microbiology foundations

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-GM-01	Microbiology Principles	Microbial-classification basics.	6 hrs	₹ 10,000
NDS-GP-GM-02	Microscopy & Staining	Microbial-identification.	7 hrs	₹ 12,000
NDS-GP-GM-03	Sterilization & Disinfection	Decontamination methods.	7 hrs	₹ 12,000
NDS-GP-GM-04	Culture Media & Techniques	Culture methodology.	6 hrs	₹ 10,000

Bacteriology

Systemic bacterial pathogens

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-BA-01	Gram-Positive Pathogens	Bacterial-disease microbiology.	7 hrs	₹ 12,500
NDS-GP-BA-02	Gram-Negative Pathogens	Bacterial-disease microbiology.	7 hrs	₹ 12,500
NDS-GP-BA-03	Mycobacteria & Anaerobes	Specialised-bacteria microbiology.	7 hrs	₹ 12,500
NDS-GP-BA-04	Antibiotic Susceptibility	Sensitivity-testing.	6 hrs	₹ 11,000

Virology

Viral disease and diagnostics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-VI-01	Virology Principles	Viral-structure microbiology.	7 hrs	₹ 12,000
NDS-GP-VI-02	DNA & RNA Viruses	Viral-classification.	7 hrs	₹ 12,000
NDS-GP-VI-03	Hepatitis & HIV	Bloodborne-virus microbiology.	7 hrs	₹ 12,000
NDS-GP-VI-04	Viral Diagnostics	Viral-detection methods.	6 hrs	₹ 10,000

Mycology

Fungal disease and diagnostics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-MY-01	Mycology Principles	Fungal-classification.	6 hrs	₹ 9,500
NDS-GP-MY-02	Superficial & Cutaneous Mycoses	Fungal-disease microbiology.	6 hrs	₹ 9,500
NDS-GP-MY-03	Systemic & Opportunistic Mycoses	Deep-mycoses microbiology.	7 hrs	₹ 11,000
NDS-GP-MY-04	Fungal Diagnostics	Mycology-testing.	6 hrs	₹ 9,500

Parasitology

Parasite disease and diagnostics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-PA-01	Parasitology Principles	Parasite-classification.	6 hrs	₹ 9,500
NDS-GP-PA-02	Protozoal Infections	Protozoa microbiology.	6 hrs	₹ 9,500
NDS-GP-PA-03	Helminthic Infections	Worm-disease microbiology.	6 hrs	₹ 9,500
NDS-GP-PA-04	Parasite Diagnostics	Parasitology-testing.	6 hrs	₹ 9,500

Immunology

Immune mechanisms and assays

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-IY-01	Innate & Adaptive Immunity	Immunology fundamentals.	7 hrs	₹ 12,500
NDS-GP-IY-02	Antigen-Antibody Reactions	Serology principles.	7 hrs	₹ 12,500
NDS-GP-IY-03	Hypersensitivity & Autoimmunity	Immune-disorder immunology.	7 hrs	₹ 12,500
NDS-GP-IY-04	Immunodiagnostic Techniques	Immunoassay methods.	6 hrs	₹ 11,000

Infection Control & Hospital Microbiology

Healthcare microbiology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-IC-01	Hospital Infection Control	Cross-infection prevention.	6 hrs	₹ 10,000
NDS-GP-IC-02	Healthcare-Associated Infections	Nosocomial microbiology.	7 hrs	₹ 12,000
NDS-GP-IC-03	Antimicrobial Resistance	Resistance microbiology.	7 hrs	₹ 12,000
NDS-GP-IC-04	Biosafety & Waste Management	Lab-safety protocols.	6 hrs	₹ 10,000

Molecular Pathology & Diagnostics

Molecular techniques

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-MO-01	Molecular Diagnostic Methods	PCR and sequencing diagnostics.	8 hrs	₹ 22,500
NDS-GP-MO-02	Molecular Microbiology	Pathogen-molecular detection.	8 hrs	₹ 22,500
NDS-GP-MO-03	Cytogenetics & FISH	Molecular-cytogenetic methods.	8 hrs	₹ 22,500
NDS-GP-MO-04	Molecular Pathology Markers	Diagnostic-marker pathology.	8 hrs	₹ 22,500

AI & Digital Pathology/Microbiology

Automated diagnostics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-GP-AI-01	AI in Histopathology	Automated-diagnosis pathology.	9 hrs	₹ 34,000
NDS-GP-AI-02	AI in Microbiology	Automated-identification.	9 hrs	₹ 34,000
NDS-GP-AI-03	Digital Pathology & Telepathology	Digital-workflow.	8 hrs	₹ 30,500
NDS-GP-AI-04	Computational Diagnostics	Data-driven diagnostics.	8 hrs	₹ 30,500

ENROL • MASTER • LEAD

Fellowship-Grade General Pathology & Microbiology Training

Every protocol in this catalogue is delivered as supervised hands-on training on working clinical and digital-laboratory equipment — spanning instrumentation, advanced technique, digital and robotic workflows, biomaterials and case documentation. Protocols combine into custom fellowship tracks tailored to individual specialists or institutional programmes.

- 33 specialist sub-streams
- 134 training protocols
- 895 total training hours
- ₹ 16,51,000 full-department value

NTHRYS OPC PVT LTD

DENTAL SCIENCES • GENERAL PATHOLOGY & MICROBIOLOGY TRAINING CENTRE