

DENTAL SCIENCES • SPECIALIST TRAINING



NTHRYS

OPC PVT LTD

DENTAL SCIENCES • FELLOWSHIP TRAINING PROGRAMS

General & Dental Pharmacology and Therapeutics

The complete pharmacology and therapeutics foundation for dental graduates and postgraduates — spanning pharmacokinetics and pharmacodynamics, autonomic, CNS, antimicrobial, cardiovascular and systemic drug classes, the full dental therapeutics spectrum (local anaesthesia, analgesics, antibiotics, haemostatics, fluorides, oral-lesion and emergency drugs, and prescribing for medically-compromised patients), and clinical pharmacology, pharmacovigilance and pharmacogenomics. Every module is delivered through structured applied-therapeutics teaching.

33

SUB-STREAMS

132

PROTOCOLS

874

HOURS

2026

EDITION

Sub-Streams at a Glance

This catalogue lists every General & Dental Pharmacology and Therapeutics training protocol delivered at the NTHRYS Dental Sciences centre, organised under the PT 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-PT-PK	Pharmacokinetics	Absorption, distribution, metabolism, excretion	4	26	₹ 47,000
NDS-PT-PD	Pharmacodynamics	Drug-receptor action	4	26	₹ 47,000
NDS-PT-RX	Prescription Writing & Dosage	Rational prescribing	4	25	₹ 42,000
NDS-PT-AD	Adverse Drug Reactions & Interactions	Drug safety	4	27	₹ 48,500
NDS-PT-AN	Autonomic Nervous System Drugs	Cholinergic and adrenergic drugs	4	27	₹ 48,500
NDS-PT-LA	Local Anaesthetics	LA pharmacology and toxicity	4	27	₹ 54,000
NDS-PT-GA	General Anaesthetics	Anaesthesia pharmacology	4	27	₹ 52,000
NDS-PT-SM	Skeletal Muscle Relaxants	Relaxant pharmacology	4	25	₹ 42,000
NDS-PT-SH	Sedatives, Hypnotics & Anxiolytics	Sedation pharmacology	4	26	₹ 44,000
NDS-PT-AE	Antiepileptics & Anticonvulsants	Seizure pharmacology	4	25	₹ 42,000
NDS-PT-OP	Opioid & Non-Opioid Analgesics	Analgesic pharmacology	4	27	₹ 52,000
NDS-PT-NS	NSAIDs & Anti-Inflammatory Drugs	Anti-inflammatory pharmacology	4	26	₹ 47,000
NDS-PT-PS	Psychotropic Drugs	Psychiatric pharmacology	4	26	₹ 44,000
NDS-PT-AB	Antibiotics & Antibacterials	Antibacterial pharmacology	4	27	₹ 52,000
NDS-PT-AF	Antifungals & Antivirals	Antifungal and antiviral pharmacology	4	26	₹ 44,000
NDS-PT-AT	Antitubercular & Antiprotozoal	Specialised anti-infectives	4	24	₹ 38,000
NDS-PT-AS	Antiseptics & Disinfectants	Topical antimicrobial pharmacology	4	23	₹ 34,500

Sub-Streams at a Glance

continued

STREAM	SUB-STREAM	FOCUS	N	HRS	VALUE
NDS-PT-CV	Cardiovascular Drugs	Cardiac pharmacology	4	26	₹ 47,000
NDS-PT-DI	Diuretics & Antihypertensives	Blood-pressure pharmacology	4	25	₹ 42,000
NDS-PT-RP	Respiratory & GI Drugs	Airway and digestive pharmacology	4	25	₹ 42,000
NDS-PT-EN	Endocrine & Hormonal Drugs	Hormone pharmacology	4	26	₹ 47,000
NDS-PT-HE	Drugs Affecting Blood & Coagulation	Haematologic pharmacology	4	27	₹ 48,500
NDS-PT-CH	Chemotherapy & Immunosuppressants	Antineoplastic pharmacology	4	27	₹ 48,500
NDS-PT-DL	Dental Local Anaesthesia Pharmacology	Applied dental anaesthesia	4	27	₹ 54,000
NDS-PT-DA	Analgesics & Anti-Inflammatories in Dentistry	Dental pain therapeutics	4	27	₹ 52,000
NDS-PT-DB	Antibiotics in Dentistry	Dental antibiotic therapeutics	4	27	₹ 54,000
NDS-PT-DH	Haemostatics & Astringents	Bleeding-control therapeutics	4	25	₹ 45,500
NDS-PT-DF	Fluorides & Anticaries Agents	Caries-prevention therapeutics	4	26	₹ 47,000
NDS-PT-DO	Drugs for Oral Lesions & Conditions	Oral-disease therapeutics	4	26	₹ 50,000
NDS-PT-DE	Dental Emergency Drugs	Medical-emergency therapeutics	4	28	₹ 58,500
NDS-PT-MP	Drugs in Medically-Compromised Patients	Special-population prescribing	4	28	₹ 56,000
NDS-PT-CT	Clinical Pharmacology & Pharmacovigilance	Applied clinical pharmacology	4	30	₹ 72,000
NDS-PT-AI	AI, Pharmacogenomics & Drug Discovery	Precision pharmacology	4	34	₹ 1,23,000
Full department — 33 sub-streams			132	874	₹ 16,65,500

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 ₹ 7,500 to ₹ 32,500, with the complete department representing ₹ 16,65,500 of specialist training across 874 hours.

HOW TO READ A CODE

NDS – PT – PK – 01

NDS

Nthys Dental Sciences

PT

General & Dental Pharmacology and Therapeutics dept

PK

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*).

Pharmacokinetics

Absorption, distribution, metabolism, excretion

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-PK-01	Drug Absorption & Routes	Absorption pharmacokinetics.	7 hrs	₹ 12,500
NDS-PT-PK-02	Drug Distribution	Distribution pharmacokinetics.	6 hrs	₹ 11,000
NDS-PT-PK-03	Metabolism & Biotransformation	Hepatic-metabolism.	7 hrs	₹ 12,500
NDS-PT-PK-04	Excretion & Clearance	Elimination pharmacokinetics.	6 hrs	₹ 11,000

Pharmacodynamics

Drug-receptor action

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-PD-01	Drug-Receptor Interactions	Receptor pharmacology.	7 hrs	₹ 12,500
NDS-PT-PD-02	Dose-Response Relationships	Potency and efficacy concepts.	7 hrs	₹ 12,500
NDS-PT-PD-03	Agonists & Antagonists	Drug-action pharmacology.	6 hrs	₹ 11,000
NDS-PT-PD-04	Mechanisms of Drug Action	Action-mechanism overview.	6 hrs	₹ 11,000

Prescription Writing & Dosage

Rational prescribing

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-RX-01	Prescription Writing	Rational-prescription format.	6 hrs	₹ 10,000
NDS-PT-RX-02	Dosage Calculation	Dose-determination methods.	7 hrs	₹ 12,000
NDS-PT-RX-03	Drug Dosage Forms	Formulation pharmacology.	6 hrs	₹ 10,000
NDS-PT-RX-04	Rational Drug Use	Evidence-based prescribing.	6 hrs	₹ 10,000

Adverse Drug Reactions & Interactions

Drug safety

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AD-01	Adverse Drug Reactions	ADR classification.	7 hrs	₹ 12,500
NDS-PT-AD-02	Drug Interactions	Interaction pharmacology.	7 hrs	₹ 12,500
NDS-PT-AD-03	Drug Allergy & Toxicity	Hypersensitivity and toxicity.	7 hrs	₹ 12,500
NDS-PT-AD-04	Drug-Safety Monitoring	Pharmacovigilance basics.	6 hrs	₹ 11,000

Autonomic Nervous System Drugs

Cholinergic and adrenergic drugs

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AN-01	Cholinergic Drugs	Parasympathetic pharmacology.	7 hrs	₹ 12,500
NDS-PT-AN-02	Anticholinergic Drugs	Cholinergic-blocker pharmacology.	7 hrs	₹ 12,500
NDS-PT-AN-03	Adrenergic Drugs	Sympathomimetic pharmacology.	7 hrs	₹ 12,500
NDS-PT-AN-04	Adrenergic Blockers	Sympatholytic pharmacology.	6 hrs	₹ 11,000

Local Anaesthetics

LA pharmacology and toxicity

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-LA-01	Local Anaesthetic Pharmacology	Mechanism and classification.	7 hrs	₹ 14,000
NDS-PT-LA-02	Amides & Esters	LA-agent pharmacology.	7 hrs	₹ 14,000
NDS-PT-LA-03	Vasoconstrictors in LA	Adjunct pharmacology.	6 hrs	₹ 12,000
NDS-PT-LA-04	LA Toxicity & Management	Adverse-reaction management.	7 hrs	₹ 14,000

General Anaesthetics

Anaesthesia pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-GA-01	General Anaesthetic Principles	Anaesthesia pharmacology.	7 hrs	₹ 13,500
NDS-PT-GA-02	Inhalational Anaesthetics	Volatile-agent pharmacology.	7 hrs	₹ 13,500
NDS-PT-GA-03	Intravenous Anaesthetics	IV-agent pharmacology.	7 hrs	₹ 13,500
NDS-PT-GA-04	Prenaesthetic Medication	Premedication pharmacology.	6 hrs	₹ 11,500

Skeletal Muscle Relaxants

Relaxant pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-SM-01	Neuromuscular Blockers	Muscle-relaxant pharmacology.	7 hrs	₹ 12,000
NDS-PT-SM-02	Centrally-Acting Relaxants	CNS-relaxant pharmacology.	6 hrs	₹ 10,000
NDS-PT-SM-03	Spasmolytics	Spasm-relief pharmacology.	6 hrs	₹ 10,000
NDS-PT-SM-04	Clinical Muscle-Relaxant Use	Applied pharmacology.	6 hrs	₹ 10,000

Sedatives, Hypnotics & Anxiolytics

Sedation pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-SH-01	Sedatives & Hypnotics	Sleep-drug pharmacology.	7 hrs	₹ 12,000
NDS-PT-SH-02	Benzodiazepines	Anxiolytic pharmacology.	7 hrs	₹ 12,000
NDS-PT-SH-03	Anxiolytics in Dentistry	Dental-sedation pharmacology.	6 hrs	₹ 10,000
NDS-PT-SH-04	Conscious-Sedation Drugs	Sedation pharmacology.	6 hrs	₹ 10,000

Antiepileptics & Anticonvulsants

Seizure pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AE-01	Antiepileptic Drugs	Anticonvulsant pharmacology.	7 hrs	₹ 12,000
NDS-PT-AE-02	Seizure-Type Drug Selection	Therapy-matching pharmacology.	6 hrs	₹ 10,000
NDS-PT-AE-03	Antiepileptics & Oral Effects	Gingival-overgrowth relevance.	6 hrs	₹ 10,000
NDS-PT-AE-04	Status Epilepticus Management	Emergency pharmacology.	6 hrs	₹ 10,000

Opioid & Non-Opioid Analgesics

Analgesic pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-OP-01	Opioid Analgesics	Opioid pharmacology.	7 hrs	₹ 13,500
NDS-PT-OP-02	Non-Opioid Analgesics	Non-narcotic pharmacology.	7 hrs	₹ 13,500
NDS-PT-OP-03	Analgesic Selection in Dentistry	Dental-pain pharmacology.	7 hrs	₹ 13,500
NDS-PT-OP-04	Pain-Management Pharmacology	Multimodal pharmacology.	6 hrs	₹ 11,500

NSAIDs & Anti-Inflammatory Drugs

Anti-inflammatory pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-NS-01	NSAID Pharmacology	Anti-inflammatory mechanism.	7 hrs	₹ 12,500
NDS-PT-NS-02	COX-Selective Inhibitors	Selective-NSAID pharmacology.	6 hrs	₹ 11,000
NDS-PT-NS-03	NSAIDs in Dentistry	Dental-use pharmacology.	7 hrs	₹ 12,500
NDS-PT-NS-04	NSAID Adverse Effects	Risk-management pharmacology.	6 hrs	₹ 11,000

Psychotropic Drugs

Psychiatric pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-PS-01	Antipsychotic Drugs	Psychotropic pharmacology.	7 hrs	₹ 12,000
NDS-PT-PS-02	Antidepressants	Mood-drug pharmacology.	7 hrs	₹ 12,000
NDS-PT-PS-03	Mood Stabilisers & Anxiolytics	Psychiatric-drug pharmacology.	6 hrs	₹ 10,000
NDS-PT-PS-04	Psychotropics & Dental Relevance	Drug-interaction relevance.	6 hrs	₹ 10,000

Antibiotics & Antibacterials

Antibacterial pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AB-01	Beta-Lactam Antibiotics	Penicillin and cephalosporin pharmacology.	7 hrs	₹ 13,500
NDS-PT-AB-02	Macrolides & Lincosamides	Alternative-antibiotic pharmacology.	7 hrs	₹ 13,500
NDS-PT-AB-03	Other Antibacterial Classes	Tetracycline and aminoglycoside.	7 hrs	₹ 13,500
NDS-PT-AB-04	Antibiotic Resistance & Stewardship	Rational-use pharmacology.	6 hrs	₹ 11,500

Antifungals & Antivirals

Antifungal and antiviral pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AF-01	Antifungal Pharmacology	Antifungal-drug classes.	7 hrs	₹ 12,000
NDS-PT-AF-02	Antiviral Pharmacology	Antiviral-drug classes.	7 hrs	₹ 12,000
NDS-PT-AF-03	Antifungals in Oral Candidiasis	Dental-relevance pharmacology.	6 hrs	₹ 10,000
NDS-PT-AF-04	Antiviral Oral Applications	Herpes-therapy pharmacology.	6 hrs	₹ 10,000

Antitubercular & Antiprotozoal

Specialised anti-infectives

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AT-01	Antitubercular Drugs	TB-therapy pharmacology.	7 hrs	₹ 11,000
NDS-PT-AT-02	Antiprotozoal Drugs	Protozoal-therapy pharmacology.	6 hrs	₹ 9,500
NDS-PT-AT-03	Anthelmintic Drugs	Worm-therapy pharmacology.	5 hrs	₹ 8,000
NDS-PT-AT-04	Special-Infection Pharmacology	Targeted-therapy.	6 hrs	₹ 9,500

Antiseptics & Disinfectants

Topical antimicrobial pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AS-01	Antiseptics & Disinfectants	Topical-antimicrobial pharmacology.	6 hrs	₹ 9,000
NDS-PT-AS-02	Oral Antiseptics	Mouthwash pharmacology.	6 hrs	₹ 9,000
NDS-PT-AS-03	Chlorhexidine Pharmacology	CHX-agent pharmacology.	6 hrs	₹ 9,000
NDS-PT-AS-04	Surface & Skin Antiseptics	Clinical-antiseptic use.	5 hrs	₹ 7,500

Cardiovascular Drugs

Cardiac pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-CV-01	Cardiac Drugs	Antiarrhythmic and inotrope pharmacology.	7 hrs	₹ 12,500
NDS-PT-CV-02	Antianginal Drugs	Ischemia-therapy pharmacology.	7 hrs	₹ 12,500
NDS-PT-CV-03	Heart-Failure Drugs	HF-therapy pharmacology.	6 hrs	₹ 11,000
NDS-PT-CV-04	Cardiovascular Drugs & Dental Care	Interaction relevance.	6 hrs	₹ 11,000

Diuretics & Antihypertensives

Blood-pressure pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DI-01	Diuretic Pharmacology	Diuretic-drug classes.	6 hrs	₹ 10,000
NDS-PT-DI-02	Antihypertensive Drugs	BP-therapy pharmacology.	7 hrs	₹ 12,000
NDS-PT-DI-03	Antihypertensives & Oral Effects	Dental-relevance.	6 hrs	₹ 10,000
NDS-PT-DI-04	Hypertensive-Patient Dental Care	Applied pharmacology.	6 hrs	₹ 10,000

Respiratory & GI Drugs

Airway and digestive pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-RP-01	Respiratory Drugs	Bronchodilator pharmacology.	6 hrs	₹ 10,000
NDS-PT-RP-02	GI Drugs	Antacid and antiemetic pharmacology.	7 hrs	₹ 12,000
NDS-PT-RP-03	Antihistamines	Allergy-drug pharmacology.	6 hrs	₹ 10,000
NDS-PT-RP-04	Respiratory & GI Dental Relevance	Applied pharmacology.	6 hrs	₹ 10,000

Endocrine & Hormonal Drugs

Hormone pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-EN-01	Corticosteroids	Steroid pharmacology.	7 hrs	₹ 12,500
NDS-PT-EN-02	Antidiabetic Drugs	Glucose-control pharmacology.	7 hrs	₹ 12,500
NDS-PT-EN-03	Thyroid & Hormone Drugs	Endocrine-drug pharmacology.	6 hrs	₹ 11,000
NDS-PT-EN-04	Endocrine Drugs & Dental Care	Interaction relevance.	6 hrs	₹ 11,000

Drugs Affecting Blood & Coagulation

Haematologic pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PTHE-01	Anticoagulants	Clot-prevention pharmacology.	7 hrs	₹ 12,500
NDS-PTHE-02	Antiplatelets & Thrombolytics	Antithrombotic pharmacology.	7 hrs	₹ 12,500
NDS-PTHE-03	Haematinics	Anaemia-therapy pharmacology.	6 hrs	₹ 11,000
NDS-PTHE-04	Bleeding-Risk Dental Pharmacology	Applied bleeding management.	7 hrs	₹ 12,500

Chemotherapy & Immunosuppressants

Antineoplastic pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-CH-01	Cancer Chemotherapy	Antineoplastic pharmacology.	7 hrs	₹ 12,500
NDS-PT-CH-02	Immunosuppressants	Immune-modulating pharmacology.	7 hrs	₹ 12,500
NDS-PT-CH-03	Chemotherapy & Oral Complications	Mucositis-relevance.	7 hrs	₹ 12,500
NDS-PT-CH-04	Targeted & Biologic Therapy	Modern-oncology pharmacology.	6 hrs	₹ 11,000

Dental Local Anaesthesia Pharmacology

Applied dental anaesthesia

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DL-01	Dental LA Agents & Selection	Dental-anaesthetic pharmacology.	7 hrs	₹ 14,000
NDS-PT-DL-02	Vasoconstrictor Considerations	Adjunct-selection pharmacology.	7 hrs	₹ 14,000
NDS-PT-DL-03	LA in Medically-Compromised	Risk-based selection.	7 hrs	₹ 14,000
NDS-PT-DL-04	LA Complications Management	Adverse-reaction management.	6 hrs	₹ 12,000

Analgesics & Anti-Inflammatories in Dentistry

Dental pain therapeutics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DA-01	Analgesics in Dentistry	Dental-pain pharmacology.	7 hrs	₹ 13,500
NDS-PT-DA-02	NSAIDs & Combinations	Anti-inflammatory protocols.	7 hrs	₹ 13,500
NDS-PT-DA-03	Postoperative Pain Protocols	Multi-modal-pain pharmacology.	7 hrs	₹ 13,500
NDS-PT-DA-04	Analgesic Selection Strategy	Evidence-based selection.	6 hrs	₹ 11,500

Antibiotics in Dentistry

Dental antibiotic therapeutics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DB-01	Antibiotics in Dentistry	Dental-prescribing pharmacology.	7 hrs	₹ 14,000
NDS-PT-DB-02	Antibiotic Prophylaxis	Prophylactic-protocol pharmacology.	7 hrs	₹ 14,000
NDS-PT-DB-03	Odontogenic-Infection Therapy	Infection-treatment pharmacology.	7 hrs	₹ 14,000
NDS-PT-DB-04	Antibiotic Stewardship in Dentistry	Rational-prescribing.	6 hrs	₹ 12,000

Haemostatics & Astringents

Bleeding-control therapeutics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DH-01	Haemostatic Agents	Bleeding-control pharmacology.	7 hrs	₹ 12,500
NDS-PT-DH-02	Local Haemostatics	Topical-haemostat pharmacology.	6 hrs	₹ 11,000
NDS-PT-DH-03	Astringents	Astringent pharmacology.	6 hrs	₹ 11,000
NDS-PT-DH-04	Haemostatic Use in Surgery	Applied pharmacology.	6 hrs	₹ 11,000

Fluorides & Anticaries Agents

Caries-prevention therapeutics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DF-01	Fluoride Pharmacology	Fluoride-mechanism pharmacology.	7 hrs	₹ 12,500
NDS-PT-DF-02	Topical & Systemic Fluorides	Fluoride-delivery pharmacology.	6 hrs	₹ 11,000
NDS-PT-DF-03	Anticaries Agents	Caries-prevention pharmacology.	7 hrs	₹ 12,500
NDS-PT-DF-04	Fluoride Toxicity Management	Overdose-management.	6 hrs	₹ 11,000

Drugs for Oral Lesions & Conditions

Oral-disease therapeutics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DO-01	Drugs for Oral Ulcers	Ulcer-therapy pharmacology.	7 hrs	₹ 13,500
NDS-PT-DO-02	Drugs for Oral Candidiasis	Antifungal-oral pharmacology.	7 hrs	₹ 13,500
NDS-PT-DO-03	Drugs for Xerostomia	Saliva-stimulant pharmacology.	6 hrs	₹ 11,500
NDS-PT-DO-04	Drugs for Oral Mucosal Disease	Mucosal-therapy pharmacology.	6 hrs	₹ 11,500

Dental Emergency Drugs

Medical-emergency therapeutics

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-DE-01	Dental Emergency Drug Kit	Emergency-drug pharmacology.	7 hrs	₹ 14,500
NDS-PT-DE-02	Anaphylaxis Management	Acute-allergy pharmacology.	8 hrs	₹ 17,000
NDS-PT-DE-03	Syncope & Cardiac Emergencies	Emergency-management pharmacology.	7 hrs	₹ 14,500
NDS-PT-DE-04	Emergency Drug Administration	Route and dose management.	6 hrs	₹ 12,500

Drugs in Medically-Compromised Patients

Special-population prescribing

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-MP-01	Pharmacology in Cardiac Patients	Cardiac-risk pharmacology.	7 hrs	₹ 14,000
NDS-PT-MP-02	Pharmacology in Diabetic Patients	Diabetes-care pharmacology.	7 hrs	₹ 14,000
NDS-PT-MP-03	Pharmacology in Pregnancy	Maternal-safe pharmacology.	7 hrs	₹ 14,000
NDS-PT-MP-04	Geriatric & Renal/Hepatic Dosing	Special-population pharmacology.	7 hrs	₹ 14,000

SUB-STREAM • PT-CT

Clinical Pharmacology & Pharmacovigilance

Applied clinical pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-CT-01	Clinical Pharmacology Principles	Applied-pharmacology methods.	8 hrs	₹ 19,000
NDS-PT-CT-02	Pharmacovigilance & ADR Reporting	Drug-safety systems.	7 hrs	₹ 17,000
NDS-PT-CT-03	Clinical Trials & Drug Evaluation	Drug-development methods.	8 hrs	₹ 19,000
NDS-PT-CT-04	Therapeutic Drug Monitoring	TDM methods.	7 hrs	₹ 17,000

AI, Pharmacogenomics & Drug Discovery

Precision pharmacology

4
PROTOCOLS

CODE	PROTOCOL	DESCRIPTION	DURATION	FEE (INR)
NDS-PT-AI-01	Pharmacogenomics	Personalised-pharmacology science.	9 hrs	₹ 32,500
NDS-PT-AI-02	AI in Drug Discovery	Computational-pharmacology.	9 hrs	₹ 32,500
NDS-PT-AI-03	Precision Therapeutics	Tailored-therapy frontier.	8 hrs	₹ 29,000
NDS-PT-AI-04	Digital Prescribing & Decision Support	AI-prescribing tools.	8 hrs	₹ 29,000

ENROL • MASTER • LEAD

Fellowship-Grade General & Dental Pharmacology and Therapeutics 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
- 132 training protocols
- 874 total training hours
- ₹ 16,65,500 full-department value

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DENTAL SCIENCES • PHARMACOLOGY & THERAPEUTICS TRAINING CENTRE