



D Y PATIL
DEEMED TO BE
UNIVERSITY
— SCHOOL OF —
PHARMACY
NAVI MUMBAI



Fellowship Program 2026

In

Analytical Method Development & Validation (AMDV)

Dr. ARUN KUMAR MATHUR

PROGRAM DIRECTOR AND MENTOR

YOUR GROWTH OUR MISSION

Program Highlights

Fellowship Program in Analytical Method Development and Validation (AMDV)

- Certificate will be awarded By: D. Y. Patil Deemed to be University, Navi Mumbai
- Designed for Working Professionals.
- Duration: (1 Year, Theory & Practicals on Saturdays & Sundays)

Applicants from academia/Industry with following qualifications can apply:

- B. Pharm with minimum 3 years of industry/academic experience.
- M. Pharm/ M. Sc.
- Ph.D. (Pharmaceutical Sciences / related field)

Note: Freshers and experinced candidates with PG / Ph.D can apply.

Program Overview

- Strong focus on ICH-based QbD + Analytical QbD approach
- Complete coverage of method development → validation → transfer → stability→ lifecycle
- Practical learning through DoE-based experiments and statistical evaluation
- Training on critical documentation: protocols, reports, change control etc.
- Industry-relevant skills in Technology Transfer & cross-lab verification
- Designed for robust, stability-indicating and regulatory-compliant methods

About us:

D Y Patil University School of Pharmacy, Navi Mumbai

The D.Y. Patil Deemed to be University – School of Pharmacy, Nerul, established in 2019, is a premier institution dedicated to excellence in pharmaceutical education, research and innovation.

The School offers well-structured undergraduate and postgraduate programs that integrate strong scientific foundations with industry-oriented skills, regulatory knowledge, and practical training, preparing students for successful careers in industry, research and academia.

Equipped with state-of-the-art laboratories and advanced analytical instruments, the School emphasizes hands-on learning, formulation development, analytical method validation and quality assurance in alignment with global regulatory standards.

With a strong focus on research industry collaboration, and quality systems such as GMP and GLP, the institution nurtures competent pharmacy professionals capable of contributing effectively to the evolving global healthcare sector.

Mentorship Excellence: Dr. Arunkumar Mathur



Dr. Arun Kumar Mathur

Pharmaceutical Stability & Analytical Sciences Expert
Industry Leader | Research & Innovation Consultant

Dr. Arun Kumar Mathur is a globally recognized expert in Pharmaceutical Stability and Analytical Sciences with over 42 years of distinguished leadership in R&D, analytical development, and regulatory compliance across leading pharmaceutical organizations. He holds a Ph.D. in Pharmaceutical Stability and Analytical Sciences from Kennedy University of Baptist, Florida, USA. Throughout his career, he has played a pivotal role in the development, validation, and commercialization of innovative pharmaceutical formulations, stability programs, and quality management systems aligned with international regulatory standards.

Dr. Mathur has held senior leadership positions with globally reputed companies including Novartis, Sandoz, Ranbaxy, and Depco United.

He has successfully led cross-functional global teams, established advanced stability centers, and managed regulatory inspections and audits by the United States Food and Drug Administration (USFDA), European Medicines Agency (EMA), Medicines and Healthcare products Regulatory Agency (MHRA), and World Health Organization (WHO), ensuring strong compliance frameworks and inspection readiness.

His expertise covers stability study design as per International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use (ICH) Guidelines (Q1–Q12), analytical method development and validation, and technology transfer. He is proficient in risk-based GMP and Good Documentation Practices (GDP) implementation. As a mentor and consultant, he supports R&D excellence, regulatory compliance, and talent development.

Professor- of- Praticce (POP) & Fellowship Faculty: Dr. Roshankumar Palewar



Prof. Dr. Roshankumar Palewar

Professor-of-Practice | Former Global R&D
Project Leader (Merck, Novartis)

Prof. Dr. Roshankumar Palewar is a pharmaceutical strategy and commercialization leader with over two decades of multinational experience across global R&D governance, strategy, and portfolio lifecycle management. His prior leadership roles with Merck and Novartis involved cross-regional program execution, regulatory-aligned product development, and commercialization planning across regulated and emerging markets.

As Professor-of-Practice and Faculty for the Fellowship Program, he integrates industry experience with structured academic learning. His modules focus on pharmaceutical technology, product development, commercialization science, market access strategy, portfolio governance, and digital health systems.

Through case-based instruction and translational industry insights, he mentors fellows in innovation-driven healthcare ecosystems with strategic clarity and operational discipline.

Program Outcome

After successful completion of the fellowship programme, fellows will be able to:

- Apply Quality by Design (QbD) principles to systematically design and develop robust analytical methods.
- Identify, evaluate, and control Critical Method Parameters (CMPs) and Critical Quality Attributes (CQAs) to ensure consistent analytical performance.
- Design and execute Design of Experiments (DoE) for method optimization and scientific risk assessment.
- Perform comprehensive analytical method validation in accordance with ICH and regulatory guidelines.
- Develop and validate stability-indicating analytical methods for drug substances and drug products.
- Implement lifecycle management strategies for analytical methods, including method transfer, verification, and continuous improvement.
- Prepare and maintain regulatory-compliant documentation, ensuring readiness for audits, inspections, and regulatory submissions.

Course Fee

- Indian Students: ₹3,00,000
- NRI / International Participants: ₹5,00,000

Mode of Payment

Payment through Online Transfer (NEFT)

Bank Name: Bank Of Baroda

Branch Name : Nerul Navi Mumbai

Account Name: D Y Patil University School of Pharmacy

Account Number: 27410200001046


IFSC Code: BARB0NERULX (Fifth Digit is “ZERO”)

Installment option available

Fees once paid are non-refundable

Enquiry Details

 **Email: fellowship.dypusop@dypatil.edu / dypusop.admin@dypatil.edu
/harshada.borse@dypatil.edu**

 **Contact No. 9819604715, 8779053007, 8605175718**