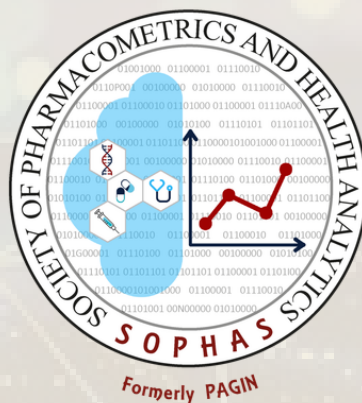


CERTIFICATE COURSE IN PHARMACOMETRICS



Organized by:

Society of Pharmacometrics and
Health Analytics (SOPHAS)

Course Coordinator:

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About the Course

Pharmacometrics is an evolving discipline that impacts all stages of drug discovery, development, and clinical use. With the growing demand for skilled professionals in this field, this course offers specialized training for students, academicians, and industry professionals.

Scope of the Course

- Understand the principles of statistics, pharmacokinetics, and modeling in pharmacometrics.
- Use quantitative tools for decision-making in drug development and clinical practice.
- Execute professionally relevant projects with hands-on experience.

Learning Experience

- ✓ Live & recorded lectures
- ✓ Group discussions
- ✓ Three in-person applied sessions will be held in Coimbatore after each block
- ✓ Moodle (learn.sophas.net)
- ✓ Pumas & PumasCP (Academic licenses provided)

Course Duration

- **Coursework:** 12 months
- **Project Work:** 4 months
- **Total Duration:** 16 months

Curriculum Overview



Statistics for Pharmacometrics

Covers core statistical concepts from descriptive stats and probability to regression, ANOVA, and clinical trial design.



Basics of Pharmacokinetics

Explores ADME processes through compartmental models, including IV bolus, absorption, elimination, multiple dosing, and clinical PK.



Basics of Modeling

Includes project-based model development and covers structural models, covariates, variability, mechanistic approaches, and simulation techniques.



Capstone Project

Learners apply their knowledge to design and execute full modeling workflows using real-world datasets.

Who Can Apply

Students and professionals interested in working in pharmacokinetics, modeling, or pharmacometrics.

Course Fees

- **Students:** INR 1,50,000/-
- **Academicians:** INR 2,00,000/-
- **Industry Professionals:** INR 4,00,000/-

Selection Process & Important Dates

Application Submission – by 30 April 2026

Candidates submit the online application.

Screening

Applications are reviewed for eligibility and course fit.

Interview – first week of May 2026

Shortlisted applicants will be invited for an interview.

Offer & Acceptance with fee payment – by May 15 2026

Selected candidates will receive an offer letter and must confirm acceptance and pay the fees.

Course commencement – first week of June 2026

APPLY NOW



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