

## PLACEMENTS

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Median Salary: **6.0 Lakhs per annum**

Highest Salary: **14.0 Lakhs per annum**

## Research Output

Patents granted: **20**  
 Total grants received: **56.21** crores\*  
 Total Scopus Indexed Publications: **2879**  
 Total Citations: **55540**

Citation Per Paper: **19.29**  
 Scopus h-index of MCOPS: **86**  
 Article Field Weighted Citation Impact : **1.44**  
 Books/Chapters Published: **29 Books/105 Chapters**

\*CSIR, DST, ICMR, UGC, AICTE, DBT, DAE, SERB, BIRAC, DHR, NIH and Pharmaceutical industries  
 \*Data as on 31 December 2023

## Universities/Research Partners

50+ Foreign, Indian Universities and Industries for research and student/faculty exchange programmes

- BARC, Mumbai, India
- BITS, Pilani, India
- Edinburgh Napier University, UK
- Griffith Health University, Australia
- Harvard Medical School, Boston, USA
- Indian Institute of Science, Bengaluru, India
- NIPER, Mohali, India
- The University of Queensland, Australia
- The University of Sydney, Australia
- University of Brighton, UK
- University of Lille, France
- University of South Australia, Australia
- University of Southern California, USA
- King's College London, UK

## Collaborative Industries

- Apex Laboratories, Mumbai, India
- Arjuna Natural Extracts Limited, Kerala, India
- Ashland India Pvt. Ltd, Mumbai, India
- Bioplus Life Sciences, Bengaluru, India
- Gilead Sciences, Mumbai, India
- Group Pharmaceuticals Pvt. Ltd, Mumbai, India
- Himalaya Wellness Company, Bengaluru, India
- Jagdale Industries, Bengaluru, India
- Life Scient Inc, USA
- Lupin Limited, Pune, India
- Nayas Laboratories Limited, Hyderabad, India
- Nerve 24 Technologies, Mumbai, India
- Novartis, Mumbai, India
- Steer Engineering, Bengaluru, India
- Stempeutics, Bengaluru, India
- World Pranic Healing Society, Mysore, India

## CONTACT US

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# MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

MANIPAL  
 (A constituent unit of MAHE, Manipal)



## BROCHURE

## Rankings

### #151-200

QS World University Rankings 2023  
 by Subject - Pharmacy and Pharmacology

### #9

Ranked 9<sup>th</sup> amongst pharmacy institutions in the country  
 Source: India Rankings 2022 by NIRF, MHRD, Govt. of India, April 2023

### #3

Ranked 3<sup>rd</sup> amongst private pharmacy colleges in the country  
 Source: CAREERS 360, September 2023

## Approval



Pharmacy Council of India

## Accreditation



NAAC: A++  
 with GPA 3.65



National Board of Accreditation

## Certification



International Organization for Standardization

**VISION:** "Excellence in Pharmaceutical Education and Research"

**MISSION:** "Marching with the times"

<https://www.manipal.edu/mcops-manipal.html>

## PHARMACY CAREER PROSPECTS

Production, Research & Development Scientist, Formulation & Development Scientist, Clinical Pharmacist, Marketing, Market Surveillance, Pharmacovigilance, Quality Assurance/Control, Drug Inspector, Drug Controller, Entrepreneurs, Drug Store Management, Academicians, Scientific Writing, etc.

### Programs

#### Diploma in Pharmacy (DPharm)

**Duration:** 2 Years

##### Career Prospects

Community and Hospital Pharmacy.

#### Bachelor of Pharmacy (BPharm)

**Duration:** 4 Years (8 Semesters)

##### Career Prospects

Industrial Pharmacist, Hospital and Community Pharmacist, Sales and Distribution Executive, Academic Pharmacist (training diploma in pharmacy students), Drug Store.

#### BPharm Lateral

**Duration:** 3 Years (for DPharm students)

##### Career Prospects

Industrial Pharmacist, Hospital and Community Pharmacist, Sales and Distribution Executive, Academic Pharmacist (training diploma in pharmacy students), Drug Store.

#### Doctor of Pharmacy (PharmD)

**Duration:** 6 Years

##### Career Prospects

Hospital/Clinical/Community Pharmacist, Clinical Research, Medical Writing, Pharmacovigilance, Medical Liaison Officer, Health Insurance, Data Analysts, Medical Affairs and Scientific Officer.

#### Doctor of Pharmacy Post Baccalaureate - PharmD (PB)

**Duration:** 3 Years

##### Career Prospects

Patient care, contact with clinicians and other members of the health care team.

#### Master of Pharmacy (MPharm)

**Duration:** 2 Years (4 Semesters)

##### Pharmaceutical Chemistry

###### Career Prospects

- Pharma and Biotech Industry-R&D, Process Chemistry, Quality Control, Regulatory and IPR
- Drug Regulatory Authorities

##### Pharmacology

###### Career Prospects

- Research Scientist, Clinical Research Associate, Business Development, Pharmaceutical Company, Pharmacovigilance, Academia, Medical/Scientific Writing, Big Data Management, Regulatory Affairs Clinical Research, Global Scientific Communications, Clinical Analyst

##### Pharmaceutics

###### Career Prospects

- Pharmaceutical Industries: Research and Development, Production/ Manufacturing, Validation Aspects, Quality Assurance/control, Technology Transfer, Process Development, Formulation Development, Drug Metabolism and Pharmacokinetics, Intellectual Property Rights, Regulatory Affairs, etc.
- Entrepreneurship and Consultancy

##### Pharmacognosy

###### Career Prospects

- R&D Units of Herbal Drug Manufacturing Companies
- Nutraceutical and Cosmeceutical Industries
- Drug Discovery and Research
- Regulatory Affairs of Herbal Industry
- QA Analysis in Herbal Industry

##### Pharmacy Practice

###### Career Prospects

- Clinical Research, Medical Writing, Pharmacovigilance, Medical Liaison Officer, Health Insurance, Data Analysts, Medical Affairs and Scientific Officer

##### Pharmaceutical Quality Assurance

###### Career Prospects

- Pharmaceutical Research & Development, Including Bio-analytical, Analytical and in the Drug Development Areas
- Quality Assurance and Quality Control Department of Pharmaceutical Industry
- Regulatory Compliance and Regulatory Submissions for Various Regulatory Bodies
- Research, Teaching and Consultancy

##### Pharmaceutical Biotechnology

###### Career Prospects

- Fermentation/Bioprocess Scientists/Specialists in Upstream and Downstream Process
- Research Scientist in Cell Culture Specialist/ Operations/Process Analyst/ Cell Therapy Specialist/Cell Line Development
- Pharmacovigilance of Biopharmaceuticals/Biologics
- Formulation Development Scientist in Biologics Division

##### Pharmaceutical Regulatory Affairs

###### Career Prospects

- Regulatory Compliance and Regulatory Submissions for Various Regulatory Bodies
- Regulatory Writing
- Quality Assurance, Regulatory Audits and Inspections
- Consultancy

##### Industrial Pharmacy

###### Career Prospects

- Pharmaceutical Industries: Formulation Development, Production/ Manufacturing, Validation Aspects, Quality Assurance/Control, Technology Transfer, Process Development, Research and Development, Drug Metabolism and Pharmacokinetics (DMPK), Intellectual Property Rights, Pharmacovigilance, Scientific Writing, Regulatory Affairs
- Entrepreneurship and Consultancy

##### Pharmaceutical Analysis

###### Career Prospects

- Pharma and Biotech Industry-R&D, QC & QA Labs, Regulatory and IPR
- Drug Regulatory Authorities
- Medical Writing
- Food and Cosmetic Industry

##### Doctor of Philosophy (PhD)

MAHE Manipal offers PhD program in various disciplines through several options:

- Pathway to PhD option for students joining MPharm, with Scholarship starting from 3rd Semester.
- Dr TMA Pai Doctoral Scholarship, Part-time PhD for Working Professionals, Project Fellows, Candidates with National Scholarships, etc.

For more details, visit:

<https://www.manipal.edu/mu/academics/phd.html>

### Advantage MCOPS

#### AWARDS & SCHOLARSHIPS

- GPAT scholarship by PCI
- PRAISE awards for student publications
- Tuition fee waiver for students with outstanding publication in 1st Year MPharm
- Academic proficiency awards & scholarships

#### STUDENT CLUBS

- Pharmacy Literacy Club
- Innovative Communication Club
- International Pharmacy Students Federation
- Manipal Association of Pharmacy Students

#### FESTS/EVENTS

- UTSAV- Annual University Cultural Fest
- SANSKRITI- College Cultural Fest
- ATHLOS- College Annual Sports Meet
- PHARMAQUORA- College Academic Fest

#### CENTRES OF EXCELLENCE

Toxicovigilance and Drug Safety, Drug Delivery Technologies, Drug Testing, Manipal – Schrödinger Center for Molecular Simulations, Digital Learning, Current Good Manufacturing Practices, Pharmaceutical Care, Pharmacometrics, Public Health Pharmacy, Pharmaceutical Skill Development, Translational Research

#### FACILITIES

Planetary Ball Mill, Twin Screw Processor, High Speed/Pressure Homogenizers, Malvern Zeta Sizer, DSC, FTIR, Fluidized Bed Systems, Spray Dryer, Hot Melt Extrusion, Dissolution Apparatus, Disintegration Apparatus, Rotavapor, Lyophilizer

Flash Chromatography, Gel Electrophoresis, Cyclic Voltametry, Parallel Synthesiser, LCMS/MS, GC-MS, HPLC, HPTLC, UV Visible Spectrophotometer, Fluorimeter

Central Cell and Molecular lab, Animal Cell Culture facility, Central Animal Research Facility, Cell Storage Facility, Zebra Fish Facility, BSL-2 Microbiology, Microscopic Imaging, Western Blotting, Flow Cytometry, RT-PCR, Microplate Reader, Electrophoresis and Protein Purification system

Translational Research Lab, Multispecialty Hospital, ADR monitoring Centre -PvPI

Software Packages and Data Bases: Phoenix WinNonlin™, Nonmem®, MedCalc, SPSS, DoE, Schrödinger, eCTD (Drug Dossier Submission), Drug Information Sources including Micromedex