



MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

MANIPAL

(A constituent unit of MAHE, Manipal)



RANKINGS

GLOBAL RANKING

#151-200
QS World University
Rankings 2024
by Subject -
Pharmacy and
Pharmacology

NATIONAL RANKING

#9
Ranked Number 9
amongst pharmacy
institutions in the
country
Source:
India Rankings 2022
by NIRF, MHRD,
Govt. of India,
April 2023

CAREERS360

#3
Ranked Number 3
amongst private
pharmacy colleges
in the country
Source:
CAREERS 360,
September 2023

The Trailblazer in Pharmaceutical Education and Research

APPROVAL



ACCREDITATIONS



CERTIFICATION



VISION AND MISSION

“Excellence in Pharmaceutical Education and Research”
“Marching with the times”

RESEARCH OUTPUT

Patents granted	20
Books/Chapters Published	29 Books /105 Chapters
Total grants received	56.21 crores. Received research grants from CSIR, DST, ICMR, UGC, AICTE, DBT, DAE, SERB, BIRAC, DHR, NIH and Pharmaceutical industries
Presentations in International and National conferences	2237
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

Data as on 31 December 2023

CENTRES OF EXCELLENCE

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

INNOVATIVE RESEARCH GROUPS

No.	Research Groups	Activity/ Research Areas	Facilities
1	Translational Research	Translational and quantitative pharmacology research, Precision therapy including pharmacogenomics and pharmacometrics, DMPK, PBPK and Population PK	Translational Research Lab, Phoenix WinNonlin™, Nonmem®, MedCalc, SPSS - Software Packages and Data Bases
2	Nanomedicine, Biomaterials and Novel Drug Delivery Systems	Formulation development of conventional dosage forms and novel drug delivery systems, Nanoparticulate systems, Bioavailability enhancement studies, Targeted drug delivery	Planetary Ball Mill, Twin Screw Processor, High Speed Homogenizers, Malvern Zeta Sizer, DSC, FTIR, Fluidized Bed Systems, Spray Dryer, Hot Melt Extrusion, Software: DoE, Schrodinger
3	Clinical, Social and Community Pharmacy	Pharmacovigilance, TDM, Clinical pharmacy services and research, Pharmacoeconomics and Outcome research, Pharmacoepidemiology	Drug Information Sources including Micromedex, Multispecialty hospital, ADR Monitoring Centre - PvPI
4	Pharma Regulatory Affairs, Pharma Marketing and Administration	Consumer behavior, Brand Management, Promotional Strategies and Communications, Market Access, Pharma Regulatory Submissions, Health Economics and Outcomes Research	eCTD software (Drug Dossier Submission)

No.	Research Groups	Activity/ Research Areas	Facilities
5	Advanced Drug Design and Drug Discovery	Designing and synthesizing drug molecules and evaluating their biological activity - Anti-cancer, Anti-tubercular, Anti-alzheimer	Schrodinger Software, Flash Chromatography, Gel Electrophoresis, Cyclic Voltametry, Parallel synthesiser
6	Drug Analysis and Pharma Quality Assurance	Analytical and bioanalytical method development and validation, Crystal Engineering, New Born Screening, Stability Testing	LCMS/MS, GC-MS, HPLC, UV Visible Spectrophotometer, Fluorimeter
7	Advanced Preclinical Screening and Molecular Mechanisms	Pre-clinical studies (in different animal models including Nude mice, Transgenic mice, Zebra fish and Cell line studies), Cancer biology, CNS pharmacology, Wound healing, Pulmonary pharmacology, Metabolic disorders	Central Cell and Molecular lab, Western Blotting, Flow Cytometry, Tissue Culture Lab, Central Animal Research Facility, Zebra Fish Facility
8	Modern Pharmacognosy and Natural Products	Study of drugs that are obtained from natural sources, Phytochemistry, Standardization of herbal formulations, Biological screening of herbal drugs	HPTLC, Dissolution Apparatus, Disintegration Apparatus, Microplate Reader, Rotavapor, Spectrophotometer, Lyophilizer, Cooling Centrifuge
9	Biologicals	Research on bioactive molecules from cell and molecular biology, Microbiology and bio-process technology areas involving protein purification, Peptide therapeutics, Recombinant DNA technology, Nucleotide therapeutics, bacterial signaling, and biofilm	BSL-2 microbiology and animal cell culture facility, microscopic imaging, RT-PCR, Protein purification and cell storage facility

PROGRAMS

- **Diploma in Pharmacy (DPharm) - 2 years**
- **Bachelor of Pharmacy (BPharm) - 4 years**
- **BPharm Lateral - 3 years**
- **MPharm – 2 years (10 specializations)**
 - MPharm Pharmaceutical Chemistry
 - MPharm Pharmacology
 - MPharm Pharmaceutics
 - MPharm Industrial Pharmacy
 - MPharm Pharmaceutical Analysis
 - MPharm Pharmaceutical Biotechnology
 - MPharm Pharmaceutical Quality Assurance
 - MPharm Pharmacognosy
 - MPharm Pharmacy Practice
 - MPharm Pharmaceutical Regulatory Affairs
- **Doctor of Pharmacy (PharmD) - 6 years**
- **PharmD Post Baccalaureate - 3 years**
- **Doctoral Program**

UG and PG programs are integrated with research projects in the final year.

PhD Opportunities: MAHE Manipal offers PhD programs in various disciplines through its constituent institutions and departments such as Dr. T.M.A. Pai Scholarship, Part-time PhD program for Working Professionals and Self-sponsored category.

For more details visit:

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

COLLABORATIVE INDUSTRIES

- Steer Engineering, Bengaluru, India
- Themis Medicare Mumbai, India
- Life Scient Inc, USA
- Ashland India Pvt. Ltd, Mumbai, India
- Lupin Limited, Pune, India
- Stempeutics, Bengaluru, India
- Arjuna Natural Extracts Limited, Kerala, India
- Nerve 24 Technologies, Mumbai, India
- Himalaya Wellness Company, Bengaluru, India
- Group Pharmaceuticals Pvt. Ltd, Mumbai, India
- Apex Laboratories, Mumbai, India
- Jagdale Industries Private Limited, Bengaluru, India
- Gilead Sciences, Mumbai, India
- Wockhardt Pharma, Auranganbad, India
- Novartis, Mumbai, India
- Glenmark Pharmaceuticals, Aurangabad and Mumbai, India
- World Pranic Healing Society, Mysore Research Centre, India
- Nayas Laboratories Limited, Hyderabad, India

PARTNER UNIVERSITIES

35+ Foreign and Indian Universities for research and student/faculty exchange programmes

- Edinburgh Napier University, UK
- University of Lille, France
- University of Brighton, UK
- University of Findlay, USA
- The University of Queensland, Australia
- Griffith Health University, Australia
- Molecular Neurotherapy and Imaging Laboratory of Massachusetts General Hospital & Harvard Medical School, Boston, MA, USA
- Bhabha Atomic Research Centre, Mumbai, India
- Birla Institute of Technology and Science, Pilani, India
- Indian Institute of Science, Bengaluru, India
- National Institute of Pharmaceutical Education and Research, Mohali, India
- National Institute of Pharmaceutical Education and Research, Hajipur, India
- NITTE University, Mangalore, India
- Yenepoya University, Mangalore, India
- M. S. Ramaiah University of Applied Sciences, Bangalore, India
- Mangalore University, Mangalore, India
- Sree Chitra Tirunal Institute for Medical Sciences and Technology, Kerala, India
- Amity University, Noida, India
- University of South Australia, Australia
- Universiti Sains Malaysia
- The University of Sydney, Australia
- University of Southern California, USA
- RAK Medical & Health Sciences University, UAE

COLLABORATIVE ENDEAVOURS

- Research Collaboration (Submission of joint research proposals, joint publications/ patents)
- Joint Supervision of PhD and PG students
- Undergraduate/ Postgraduate Student Exchange Programs
- Joint conduct of Continuing Pharmacy Education Program (Conference, workshop, etc)
- Faculty Exchange



CONTACT US

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