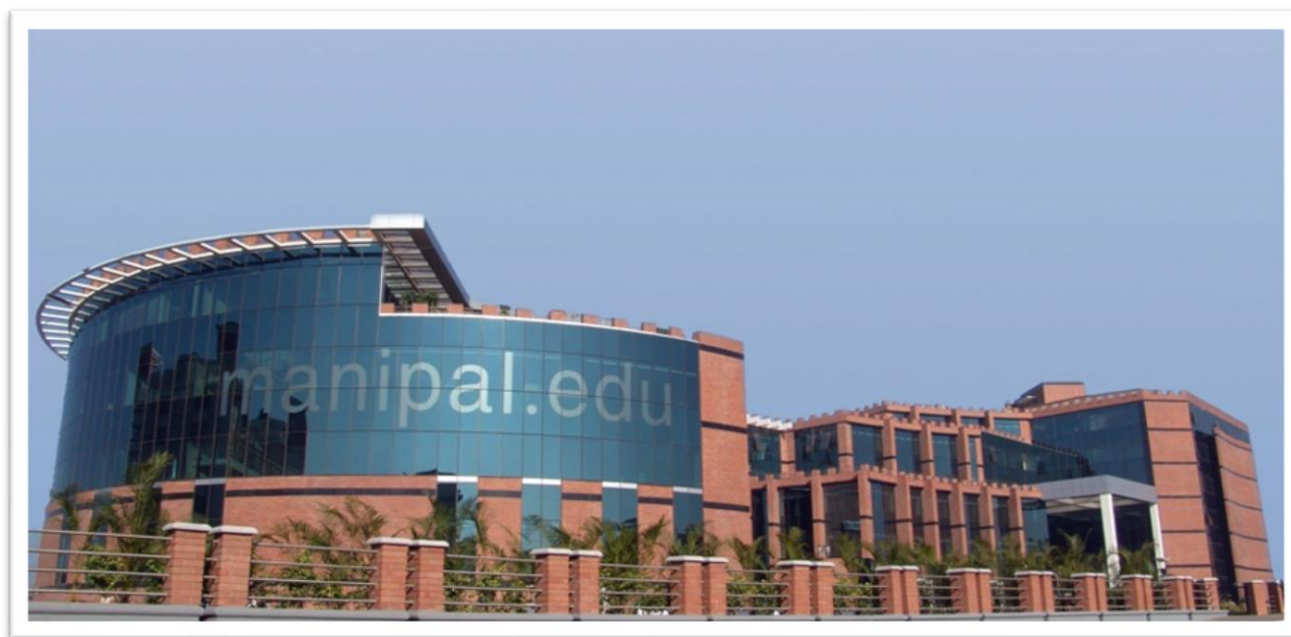


PhD 2021 Information Brochure



MANIPAL
ACADEMY of HIGHER EDUCATION
(Deemed to be University under Section 3 of the UGC Act, 1956)

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1. Introduction

Manipal Academy of Higher Education (MAHE) Manipal is synonymous with excellence in Higher Education. Established in 1993, MAHE Manipal has been offering Doctoral (PhD) programs in various disciplines through its constituent institutions and affiliated research centers, since 1995.

Faculty of Health Sciences (HS)	
Stream	Institute
Medicine	Kasturba Medical College (KMC) Manipal Kasturba Medical College (KMC) Mangalore Melaka Manipal Medical College (MMMC), Manipal Manipal Tata medical College (MTMC) Jamshedpur
Integrative Medicine	Centre for Integrative Medicine & Research (CIMR) Manipal
Dentistry	Manipal College of Dental Sciences (MCODS) Manipal Manipal College of Dental Sciences (MCODS) Mangalore
Pharmacy	Manipal College of Pharmaceutical Sciences (MCOPS) Manipal
Allied Health	Manipal College of Health Professions (MCHP), Manipal and Mangalore
Nursing	Manipal College of Nursing (MCON) Manipal
Life Science	Manipal School of Life Sciences (MSLS) Manipal Manipal University (MU) Dubai
Public Health	Prasanna School of Public Health (PSPH) Manipal
Virology	Manipal Institute of Virology (MIV) Manipal
Regenerative Medicine	Manipal Institute of Regenerative Medicine (MIRM) Bangalore

Faculty of Science, Technology & Management (STM)	
Stream	Institute
Engineering	Manipal Institute of Technology (MIT) Manipal
Advanced Sciences	Dept of Sciences (DSc) Manipal
Information Science	Manipal School of Information Sciences (MSIS) Manipal
Architecture	Manipal School of Architecture & Planning (MSAP) Manipal
Design	Dept of Design (DOD) Manipal
Management	Manipal Institute of Management (MIM) Manipal
Commerce	Dept of Commerce (DOC) Manipal
Atomic & Molecular Physics	Dept of Atomic & Molecular Sciences (DAMP) Manipal
Hotel Management	Welcomgroup Graduate School of Hotel Administration (WGSHA) Manipal
Natural Sciences	Manipal School of Natural Sciences (MCNS) Manipal

Faculty of Humanities, Liberal Arts & Social Sciences (HLS)	
Stream	Institute
Media & Communication	Manipal Institute of Communication (MIC) Manipal
Humanities	Manipal Centre for Humanities (MCH) Manipal
European Studies	Manipal Centre for European Studies (MCES) Manipal
Languages	Dept of Languages (DOL) Manipal
Philosophy	Dept of Philosophy (DOP) Manipal
Geopolitics	Dept of Geopolitics & International Relations (DGIR) Manipal
Philosophical Arts	Gandhian Centre for Philosophical Arts & Sciences (GCPAS) Manipal
Library Science	Dept of Library & Information Sciences (DLIS) Manipal
Arts & Design	Srishti Manipal Institute of Art, Design & Technology (SMI) Bengaluru

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2. PhD Program

The broad objectives of the PhD programme is to contribute to the creation of new knowledge and also enable the researcher to develop the competency of conducting research individually or in a group later on.

MAHE Manipal offers Doctoral (PhD) studies in a wide range of areas covering Allied Health, Architecture & Design, Atomic & Molecular Physics, Basic & Advanced Sciences, Commerce, Communication, Dental, Engineering, European Studies, Geopolitics & International Relations, Hotel Management & Culinary Arts, Humanities, Information Sciences, Life Sciences, Management, Medical, Nursing, Pharmacy, Public Health, Regenerative Medicine, Statistics, Virus Research etc. MAHE Manipal encourages research in interdisciplinary areas through a system of joint supervision and interdepartmental group activities. Over 700 students have completed their Doctoral studies from MAHE Manipal, in the last 5 years

2.1 Categories

Applicants can aspire for their Full-Time doctoral studies at MAHE Manipal, under the following categories:

- There are NO opportunities for part-time doctoral studies at MAHE Manipal for external candidates

2.1.1 **Category 1: Candidates with Valid National Fellowships**

- Post graduates with UGC / CSIR – NET - JRF / ICMR - JRF / DBT – JRF (BET) / JEST / INSPIRE / NDF and having a valid fellowship at the time of admission are eligible to apply for Full-Time PhD program under this category
- These candidates are exempted from the All India online PhD Manipal Entrance Test (MET) conducted by MAHE Manipal and their selection to the PhD program would be by a panel of experts through an interview
- The candidate is exempted from paying the course fee.
- The student will also be paid a stipend of Rs. 14,000 per month till he / she gets the national fellowship.
- Contingency grant of Rs. 1,50,000 per year, for three (03) years will be given for research work of the student to cover equipment, consumables and publication costs.
 - This amount cannot be used for the manpower and travel.
- Financial assistance to a maximum of Rs. 25,000 any time after registration, for four years or until submission of thesis, whichever is earlier will also be provided for presenting paper at national / international conference(s)
 - This facility is restricted to conference registration fee and can be availed with prior approval from MAHE Manipal
- Email cds.mahe@manipal.edu for more details.
- Admission Schedule: Throughout the year.

2.1.2 **Category 2: Dr. TMA Pai Scholarships**

- Candidates who fulfil the criteria in Section 3 are eligible to apply for Full-Time PhD program under this category.
- Candidates who qualify through All India online PhD Manipal Entrance Test (MET) conducted by MAHE Manipal, will be subjected to an institute / department level interview.
- Candidates shortlisted through the interview process will be eligible for grant-in-aid instituted by MAHE Manipal under the Dr. TMA Pai PhD Scholarship programme.
- A total of 200 scholarships per academic year, would be awarded to the eligible candidates and such awardees would be called the Dr TMA Pai Fellows.
- Refer Section 5 for PhD Course fees.
- Financial assistance to a maximum of Rs. 30,000, any time after registration, for four years or until submission of thesis, whichever is earlier will also be provided for presenting paper at national/international conference(s)
 - This facility is restricted to conference registration fee and can be availed with prior approval from MAHE Manipal
- Admission Schedule: Twice a year.

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2.1.3 **Category 3: Self – Financed**

- Candidates who qualify through All India online PhD Manipal Entrance Test (MET) conducted by MAHE Manipal, will be subjected to an institute / department level interview.
- Refer Section 5 for PhD Course fees.
- Admission Schedule: Twice a year.

2.1.4 **Category 4: Research Centres**

- Candidates who work in research centres affiliated / collaborating with MAHE Manipal, are eligible to apply for the full-time PhD program under this category.
- Email cds.mahe@manipal.edu for more details on course fee structure & admission process.
- Admission Schedule: Throughout the year, subject to vacancy being available in the relevant specializations.

2.1.5 **Category 5: Project fellows**

- Candidates working on a funded project in any of constituent institution of MAHE Manipal, are eligible to apply for the full-time PhD program under this category.
- Email cds.mahe@manipal.edu for more details on course fee structure & admission process.
- Admission Schedule: Throughout the year.

2.2 Duration of PhD

- The minimum duration for full-time PhD is three (03) years from the date of registration.
 - Date of thesis protocol confirmation at the University, is considered as the date of registration.
 - The duration of the program will be calculated from the date of registration, till the submission of thesis.
- Extension beyond the minimum period will be based on the recommendation of the Doctoral Advisory Committee (DAC).
- The maximum duration shall NOT exceed six (06) years.

3 Eligibility Criteria

A candidate seeking admission to the PhD program **MUST** have an aggregate of 60 % or an equivalent grade, in any of the following qualifying degree in full-time mode

3.1 Indian Qualifications

- Medicine & Dentistry
 - MBBS / BDS / an undergraduate degree of atleast 5-years duration or MD / MS / MDS / PG Diploma from an institution recognized by National Medical Council (NMC) / erstwhile Medical Council of India (MCI) / Dental Council of India (DCI)
- Pharmacy
 - PharmD or PharmD Post Baccalaureate from an institution / university recognized by Pharmacy Council of India (PCI)
- Others
 - Master's Degree of minimum two years' duration or equivalent from an institution / university recognized by UGC / respective regulatory body

3.2 Foreign Qualifications

- Candidates with Master's degrees or equivalent from foreign universities will have to produce a certificate or recognition / equivalency by the Association of Indian Universities (AIU), as equivalent to the corresponding Indian degrees, for the purpose of higher studies.

4 Admission Process

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The admission to the Dr. TMA Pai Scholarship PhD program and Self-Financed PhD Program, at MAHE Manipal is through All India PhD Manipal Entrance Test (MET), followed by subject level institution / department interview for the PhD MET shortlists.

4.1 All India PhD Manipal Entrance Test (MET)

The mode of online test conduction will be through Remote Proctored Computer based Online Test.

- The test can be taken with ease, in the safety & comfort of one's home, adhering to the fair practices of the proctored test guidelines.
- The entire test will be **LIVE proctored** by our faculty team.
- Any instance of malpractice seen or reported, will lead to automatic disqualification from the admission process.

4.1.1 Test Preparation

- System Specifications
 - System: Desktop / Laptop
 - Operating system (OS): Windows 7 and above
 - Processor: Minimum 2 cores
 - RAM: 2 GB or above
 - Screen Resolution: 1024 x 768 and Above
 - Web browser: Google Chrome (Latest version)
 - Web camera: Resolution 640 x 480, 15 frames per second (fps)
 - Microphone: Any Model (External or Internal)
 - Network bandwidth: 512 Kbps preferred / minimum
 - [Click here](#) to verify whether your desktop / laptop meets the system specifications.
 - In case of shortcomings (if any), we request you to take care of the same to ensure the best test experience during mock and live test
- Mock Test
 - Purpose of mock test is to get the user to get used to the test platform and sort out any system issues
 - Mock Test will be scheduled 1 week before the actual test
 - Detailed guidelines regarding the same will be emailed 1 week before the mock test schedule
- Actual Test
 - Actual Test will be scheduled in 2 slots
 - 3 PM – 5 PM, Saturday, June 5, 2021
 - 10 AM – 12 Noon, Sunday, June 6, 2021
 - Applicants will have to choose either one of the above slots, based on convenience
 - Test Slot once booked, cannot be changed under any circumstances
 - ✓ There is **NO** reserve day beyond June 6
 - It is the candidate's responsibility to ensure a properly working desktop / laptop and a stable & continuous internet connection.
 - ✓ Hence for any system issues or inability to give the test on June 6, request for test conduction beyond June 6 will **NOT** be entertained
 - ✓ There will be **NO** refund of application fee, if candidates are not in a position to give the test on June 6

4.1.2 PhD Manipal Entrance Test (MET) Details

- Test Duration: 2 hours
- Time Slot: 3 PM – 5 PM (June 5), 10 AM – 12 Noon (June 6)

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- Type of Questions: Multiple Choice Questions (MCQ) / Descriptive Type
 - Marking Scheme: + 4 (Correct answer), - 1 (wrong answer), 0 (unanswered question)
 - Question Paper will have 2 parts
 - Part A: Research Aptitude
 - Max Marks: 160
 - Total Questions: 40
 - Part B: Subject Specific Paper
 - Max Marks: 240
 - Total Questions: 60
- ✓ Applicants **MUST** choose a stream relevant to the Master's program and area of interest, during the PhD Online Application Form (OAF) filling process

4.2 Syllabus for PhD Manipal Entrance Test (MET) 2020

Part A: Research Aptitude

Aptitude test will be used to determine an individual's propensity to perform in this written examination, pertaining to general aptitude, quantitative reasoning and analysis, language, research aptitude and statistical measures. *The syllabus will be uploaded shortly*

Part B: Subject Specific

The subject specific paper will comprise of questions pertaining to the Stream & PhD Test Domain chosen by the applicant at the time of completing the PhD Online Application Form (OAF)

4.3 Subject level Institution / Department Interview

- On completion of All India PhD Manipal Entrance Test (MET), shortlist of candidates who have qualified through the test and eligible for Subject level Institution / Department Interview will be put up on our website www.manipal.edu/phd
- Interview for the All India PhD Manipal Entrance Test (MET) shortlists will be scheduled during June 15 – 30, 2021
 - Mode of interview: Online or On-Campus, will be communicated in the interview communication
 - PhD coordinator(s) will be connecting with the shortlisted candidates for
 - Submission of soft-copy of documents for eligibility check
 - Scheduling the convenient date of interview

4.4 List of Selected Candidates

- On completion of Subject Level evaluation at Institution / Department, the list of candidates selected for PhD with Dr. TMA Pai Scholarship, will be put up on our website www.manipal.edu/phd in addition to receiving an email communication from the MAHE Admissions Office regarding the admission formalities.
- Date of Physical reporting will be mentioned in the email communication.

5 PhD Program Fee Payment

- On selection, the Candidates have to pay the prescribed fee as indicated below

Indian / Domestic Admissions	Foreign / NRI Admissions
First Installment Total Fee: Rs. 31,000 <i>Fee Breakup</i> <ul style="list-style-type: none">• Admission: Rs. 20,000• Registration / Presentation: Rs. 11,000	First Installment: Total Fee: USD 1,700
Second Installment (annual): Rs. 14,000	Second Installment (annual): USD 1,700
Third Installment (annual): Rs. 14,000	Third Installment (annual): USD 1,700

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- Candidates will have to make the fee payment online
 - Fee Payment Link will be shared in the offer letter email
- On successful completion of fee payment, PhD Roll No will be generated
 - Only on generation of PhD Roll No, will you be considered for hostel booking (if required)
- Fee paid after the due date attracts a penalty of 12%
- Students who pursue the course beyond 3 years, are required to remit annual fee for the extended period yearly until their thesis submission.

6 Document Submission

- On receiving the selection letter, report to MAHE Admissions Office for document submission process
- The list of documents to be submitted in originals, are as follows
 - 10th Std marks / grade sheet (Proof of Date of birth)
 - 12th Std marks / grade sheet (Recognition of Board)
 - All semester / year marks / grade sheet of Bachelor's Degree (By Recognised University)
 - All semester / year marks / grade sheet of Master's Degree (By Recognised University)
 - Self-Attested Pan Card & Aadhaar card photocopy
 - Letter of Undertaking (Format will be shared with the offer letter email)

7 Hostel Fee

- Candidate intending to stay in MAHE Hostels, has to pay hostel fee as per MAHE Manipal guidelines
 - Contact Chief Warden MAHE / MIT Hostels (as appropriate) via email or during physical reporting, for more details
 - Hostels will be allotted, only on generation of PhD Roll No
 - Candidates will pay hostel fee in advance every 3 months.

8 Dr. TMA Pai Scholarship

MAHE Manipal provides Dr. TMA Pai Scholarships to the eligible & selected candidates as follows

- The scholarship will be paid through the respective institutions

Probationary period (NOT more than 6 months)	First Year	Second Year	Third Year
Rs. 18,000 / month	Rs. 20,000 / month	Rs. 21,000 / month	Rs. 22,000 / month

- In case, candidate extends the course beyond 3 years after registration, the scholarship will **NOT** be provided

9 Leave Rules

The leave rules for PhD students admitted under category 1, 2, 3 & 5, are as follows

- Candidate is eligible for 12 days of casual leave and 15 days of special casual leave; per calendar year
 - Special casual leave can be availed only for academic enhancement programmes such as conference, workshop, seminars
- All the leaves to be availed with prior permission of Guide & Head of Institution (HOI)
- Candidate is **NOT** eligible for any other leave or vacation
- In case of long leave, the duration of PhD will be extended by leave period availed (if any) upon proper justification.

10 Course Discontinuation

In the event that candidate wishes to discontinue from the PhD program, the candidate has to return the full scholarship amount, availed till date of withdrawal

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11 Advisory

- We have **NO** agents or middlemen for admissions process and all admissions can be secured only by merit through the all India PhD Manipal Entrance Test (MET) 2021 and subsequent interview process
- Mere inclusion in the interview shortlist and call for interview does **NOT** guarantee admission to the PhD program.
 - This will exclusively depend on the applicant's performance in all India PhD Manipal Entrance Test (MET), the number of test shortlisted candidates attending the interview process, their stream / topic of choice and the number of seats available
- All admissions are subject to fulfilment of all of the eligibility conditions by the candidate.
 - If it is found at a later stage, during active verification, that the candidate has given false information / certificate or is found to have concealed some information, admission will be cancelled without any notice.
 - It is the responsibility of the candidate to ensure that they fulfill all the eligibility requirements for the course(s) applied
- Jurisdiction for dispute if any shall be at Udupi District court only