



# PRASANNA SCHOOL OF PUBLIC HEALTH MANIPAL


(A constituent unit of MAHE, Manipal)



Prospectus  
2025



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# Message from the Chancellor



## **Dr Ramdas M Pai** Chancellor

*“The Prasanna School of Public Health, a vital part of Manipal Academy of Higher Education (MAHE) – a Deemed-to-be University – stands as a beacon of innovation and impact in public health education and research. As part of an Institution of Eminence, recognized by the Ministry of Education, Government of India, PSPH offers transformative graduate, postgraduate and doctoral programs. With a focus on addressing pressing global health challenges, PSPH empowers its students to create meaningful change through multidisciplinary learning and forward-thinking solutions with a social impact.”*

# Message from the President



**Dr. Ranjan Pai**  
President

*“The Prasanna School of Public Health is a cornerstone of MAHE's vision to advance public health education and research. As part of an Institution of Eminence, PSPH addresses critical health challenges through rigorous academics, experiential learning, and global collaboration. The school continues to shape skilled professionals dedicated to improving health systems and fostering equitable, sustainable development worldwide.”*

# Message from the Pro-Chancellor



**Dr. H S Ballal**  
Pro Chancellor

*“The Prasanna School of Public Health at Manipal Academy of Higher Education is dedicated to advancing public health education and addressing global health challenges. As part of an Institution of Eminence, PSPH combines interdisciplinary programmes, experiential learning, and global collaborations to prepare students for impactful careers in public health.*

*With state-of-the-art infrastructure and a multicultural environment, PSPH nurtures future leaders committed to creating healthier societies. PSPH enables to shape the future of healthcare and public well-being.”*

# Message from the Vice Chancellor



## **Lt. Gen. (Dr.) M. D. Venkatesh** Vice Chancellor

*“The Prasanna School of Public Health (PSPH) embodies MAHE's commitment to excellence in education, research, and societal impact. PSPH prepares leaders to address global public health challenges through interdisciplinary programs, hands-on learning, and global collaborations. At the Prasanna School of Public Health, you will benefit from innovative teaching, accomplished faculty, world-class infrastructure, and a multicultural atmosphere. With a focus on experiential learning and holistic development, PSPH empowers you to excel in your chosen field and make a meaningful global impact. We invite you to be part of this transformative experience”*

# Message from the Director



## **Dr. Cherian Varghese**

Director, PSPH

*The Prasanna School of Public Health is dedicated to promoting health and achieving disease control through comprehensive public health education and capacity building. We offer courses that are meticulously designed to create a workforce that is 'fit-for purpose' to meet the diverse needs of governments, industry and academia. We offer a 360° approach to public health education and research.*

# Message from the Chief Patron



**Shri DA Prasanna**  
Chief Patron, PSPH

*“With the establishment of PSPH, we aspire to not only develop robust capability and capacity in the management and research of public health but also to lay the foundation for a transformative journey in health education and practice. By fostering innovation, encouraging interdisciplinary collaboration, and nurturing a new generation of public health leaders, PSPH is poised to serve as a catalyst for meaningful change, advancing equity, sustainability, and resilience in public health systems”.*



# About MAHE

Manipal Academy of Higher Education (MAHE), founded in 1953 by Dr. T. M. A. Pai in Manipal, Karnataka, is a private deemed-to-be university renowned for academic excellence and global reach. It began with Kasturba Medical College, India's first private medical school, and Manipal Institute of Technology in 1957. Today, the campus houses several prominent institutions, including the Manipal College of Dental Sciences, Manipal College of Health Professions, Manipal School of Architecture and Design, and Welcomgroup Graduate School of Hotel Administration. It also features the prestigious TAPMI and the School of Communication, among others, fostering interdisciplinary learning. MAHE has expanded to campuses in Mangalore, Bangalore, Jamshedpur, Dubai, and Malaysia, with sister universities in Jaipur and Sikkim under the Manipal Education and Medical Group (MEMG). Offering diverse undergraduate, postgraduate, and doctoral programmes, it achieved Institute of Eminence status in 2020 and boasts alumni like Microsoft CEO Satya Nadella, politician Rajeev Chandrasekhar, and Michelin-starred chef Vikas Khanna.



MAHE emphasizes research, innovation, and holistic education through its 'Inspired Learning' approach, focusing on six pillars: research, hands-on learning, interdisciplinary exposure, entrepreneurship, employability, and merit scholarships. It is home to advanced research centres like the Manipal Centre for Infectious Diseases and Manipal Centre for Humanities. The campus also includes state-of-the-art facilities like the Dr. TMA Pai Planetarium, Innovation Centre, and the Marena Sports Complex. Guided by core values of integrity, transparency, and teamwork, MAHE envisions global leadership in education and healthcare while empowering students to excel in a competitive world.

# MAHE Rankings: An overview

## Global Rankings



QS World University Rankings  
2024

901-950



QS World University Rankings  
2025

801-1000



ARWU (Shanghai Rankings)  
2024

901-1000



US News Best Global  
Universities Ranking 2024

804

## Asia-Specific Rankings



QS Sustainability  
Rankings 2023

139 in Asia



Times Higher Education  
Asia University Rankings 2024

201-250



US News Best Global  
Universities Ranking 2024

244 in Asia

## India-Specific Rankings



NIRF Overall Rankings  
2024

4 in Asia



QS Sustainability Rankings  
2023

13 in India

## ICARE Rankings 2024

# Outlook

1st among Top 40 Deemed Universities

# THEWEEK

1st Private Multidisciplinary University

# About PSPH

Prasanna School of Public Health under Manipal Academy of Higher Education, offers Master of Public Health (MPH), Master of Social Work (MSW), Master of Hospital Administration (MHA), M.Sc. (Biostatistics), M.Sc. (Data Science), M.Sc. (Digital Epidemiology) and M.Sc. (Health Technology Assessment) Programmes. The school is fully equipped with well qualified and experienced faculty members. The school has established collaboration with a number of universities in India and abroad. It is also well connected with public, private and governmental institutions. Doctoral programmes are also offered related to all these areas.



## The focus of master's Programmes at PSPH is:

- To develop a cadre of skilled and competent professionals in the field of Public Health, Social Work, Hospital Administration, Health technology Assessment, Biostatistics, Data Science and Digital Epidemiology.
- To provide training on conceptual understanding along with practical skills to address the emerging challenges.

## Advantages:

- The Prasanna School of Public Health was set up with the singular objective of training Public Health Professionals for the country as well as the region and place them in roles contributing to education, practice and research in Public Health. The curriculum for Masters in Public Health (MPH) was developed collaboratively from the School of Public Health, University of Alabama in Birmingham, USA. Subsequently, MSW and MHA Programmes were initiated. The School of Public Health has excellent working relations with World Health Organization (WHO), United Nations Children's Fund (UNICEF), industries and other international organizations.
- MAHE is equipped with world class infrastructure, facilities and dedicated faculty for teaching and research. All the programmes in Public Health were introduced at an appropriate time when the whole world is seeking trained Public Health professionals to tackle emerging challenges.
- The larger objective of the course is to build capacity in Public Health, Social Work and Hospital Administration both at National and International levels.

## Recognitions / Accreditations:

MPH, MSW, MHA, M.Sc. (Biostatistics), M.Sc. (Data Science), M.Sc.(Digital Epidemiology) and M.Sc. (Health Technology Assessment) are one among the UGC specified Degrees under Section 22 of the UGC Act, 1956 and the Programme has been approved by the Academic Senate of Manipal Academy of Higher Education, Manipal.

The Prasanna School of Public Health (PSPH) has been accredited by the Agency for Public Health Education Accreditation (APHEA) in 2024.

MAHE is ranked in the 301-400 range in the subject area of Public Health according to the Shanghai Rankings 2024

MSW Programme has been ranked 1st among emerging colleges in Social Work as per India Today ranking, 2024

MPH Programme Curriculum is Validated by a APHEA (Agency for Public Health Education Accreditation)

## Collaborations & Partnerships:

- Tampere University, Finland
- McMaster University, Canada
- Maastricht University , Netherlands
- GrassRoots And Advocacy Movement (GRAAM), Mysore
- Observer Research Foundation, New Delhi
- Karnataka Health Promotion Trust, Bangalore
- SWASTI
- Indance Healthcare and Co
- ICAR-National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru
- ICMR-National Institute for Research in Environmental Health, Bhopal
- Medecins Sans Frontieres, India
- Darshan Education Foundation , New Delhi
- Vaikunta Baliga College Of Law,Udupi
- Manasa rehabilitation and Training Centre, Pamboor





## Master of Public Health (MPH)

The Master of Public Health (MPH) Programme is a comprehensive postgraduate course that equips students with the knowledge and skills needed to tackle public health challenges. By integrating insights from various disciplines, the programme offers a holistic perspective on public health. Students have the opportunity to learn from accomplished experts and practitioners, gaining valuable insights into global health issues and strategies to address them. The programme also emphasizes practical experience through internships and collaborative projects, enabling students to build meaningful connections with public health professionals and organizations.

## What sets us apart?

- MPH curriculum has been validated by APHEA (Agency for Public Health Education Accreditation).
- Core courses with specializations
- The Master of Public Health (MPH) Programme at PSPH, MAHE, in collaboration with Maastricht University and McMaster University, proudly hosts the annual Manipal Global Health Symposium. This international student event brings together leading experts, researchers, and students from around the world to discuss pressing global health issues, share innovative research, and foster international collaborations towards SDGs.
- International Student Exchange Programmes: MPH students can optionally choose to spend a semester at Maastricht University, The Netherlands and McMaster University, Canada.
- International student immersion programmes provide networking and globalisation for MPH students
- International adjunct faculty provide students exposure to international pedagogy
- Collaborations with public sector organisations for field practicum
- Foundation Course of Global Health I and II: We offer Health Policy Approaches in Global Context (Foundation-I) and Project design and principles of management of global health (Foundation-II) that effectively prepares students to tackle global health challenges through analytical and professional skills. Foundations of Global Health I and II are designed to effectively prepare students to tackle global health challenges through analytical and professional skills.
- MoU with National Institute of Veterinary Epidemiology and Disease Informatics, Bangalore and ICMR-National Institute for Research in Environmental Health (NIREH), Bhopal



### Eligibility Criteria

Pass with a bachelor's degree in any discipline (preferably health sciences) from a UGC-recognised university or an equivalent qualification recognised by the Government of India, with a minimum of 55% aggregate marks (or equivalent).

Candidates are expected to complete all the academic requirements (classes, examinations, and other assessments) of their bachelor's degree on or before July 31 of the year of admission.



### Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Public Health)
- Personal Interview (PI)
- Merit List (based on eligibility, academic score, and personal interview)
- Provisional Admission
- Notification to Selected Candidates
- Admission Formalities

## MPH Specialisations

1

**Non-communicable diseases and Occupational Health**

3

**Maternal Child Health and Nutrition**

2

**Global Health Policy**

4

**One Health**

## 1. MPH Non - Communicable diseases and Occupational Health

### Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship

### Programme Description

Non-Communicable Diseases (NCDs) represent a major global health burden, with conditions such as cardiovascular diseases, diabetes, chronic respiratory diseases, and cancer contributing to the leading causes of morbidity and mortality across the world. These diseases can be primarily attributed to lifestyle factors, such as poor diet, physical inactivity, and tobacco or alcohol use. However, the workplace is also a critical setting where certain occupational risks can exacerbate the development or progression of NCDs. The integration of NCD prevention and management strategies into occupational health frameworks is essential for reducing the burden of these diseases among the working population.

### Focus

This course aims to explore how occupational health practices can address the prevention, early detection, and management of NCDs in the workplace, improving overall health outcomes and productivity and the impact of NCDs on occupations of individuals.

## 2. MPH Maternal Child Health and Nutrition

### Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship

### Programme Description

The concept of a healthy mother and healthy baby is an essential aspect of reproductive health care programmes. In a developing country like India, poverty, illiteracy, and multiple pregnancies take their toll of the mother's health and that of the breastfed infant. The focus of this programme is building a cadre of maternal child health and nutrition specialists in the developing world.

### Focus

Safe delivery practices, Mother and Child Health Programmes, nutrition, prevention of maternal and infant death.



WELCOME TO MAHE CAMPUS



### 3. MPH Global Health Policy:



#### Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship



#### Programme Description

This course explores the principles, frameworks, and dynamics that underpin global health policy. It aims to equip students with the knowledge and analytical skills to critically evaluate health systems, policies, and governance at local, national, and international levels. The course enables students to evaluate and analyze global public health problems in relation to a population's health and well-being as well as the practical skills needed to succeed in public health across the globe. The trained professionals should be able to handle the diverse nature of global health issues and policies in different cultural, socio-economic and socio-political systems. Furthermore, it prepares the students to understand Health Policy research from a global perspective.



#### Focus

Global health systems, Global health policy, Global Health issues, Global Health inequities

### 4. MPH One Health



#### Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship



#### Programme Description

The rise in cases of zoonotic diseases and antimicrobial resistance have emphasised the significance of One Health track. The aim of the track is to make the students understand about the significance of a collaborative approach in public health and also to make them understand that human health is closely connected to animal health and the environment. The track offers a specific focus on GIS and disease modelling for zoonotic diseases.



#### Focus

Environment and one health, Livestock and Wildlife Disease Ecology, One-health and its application in Zoonotic Disease Management, Zoonotic Disease modelling.



#### Career Prospects

MPH graduates secure opportunities to work in International organizations, NGOs, Government and Bilateral Aid Agencies , Academic , Research institutions , Private sector and Community based organization (CBOS).







## Placements

Graduates are/have been placed in various prestigious governmental and non-governmental organizations like JIPMER Pondicherry, UNICEF, WHO, PHFI, PATH, Jhpiego, Médecins Sans Frontières, National Health Mission, National Health Systems Resource Centre, National Institute for Research in TB, Chennai, Cochrane Collaborations, Tata Trust, Mumbai Institute of Public Health, Bengaluru, Indian Institute of Population Studies, Mumbai, Karuna Trust, Bengaluru; Campbell Foundation Delhi, George Institute of Global Health Delhi, CARE India, Central Leprosy Division Delhi, IHAT, Digital Health Associates, EKAM Foundation, PGIMER Chandigarh, AIIMS, IIT Chennai, SAAHAS Udupi, Ashraya Social Welfare Foundation Mumbai, SAATHI Kolkata, IMPACT India Foundation, INCLIN, Evalueserve, Clarivate Analytics, and Skyward Analytics.

## Research in the MPH Programme

MPH Programme of Prasanna School of Public Health, over the years, has signed memorandum of understanding (MoU) with many National and International Academic, Governmental, Non-governmental, and Industries engaged in health. The department conducts national and international level conferences and seminars. MPH Programme provides training to students in research grant and scientific proposal writing. The faculty members in Public Health are involved in various National and International collaborative and funded research projects.

## Foundation course as a preparation to Global Health Symposium

Global Health Symposium is an annual event of the MPH Programme of Prasanna School of Public Health, which is jointly organised by Manipal Academy of Higher Education, Manipal, Maastricht University, The Netherlands, and McMaster University, Canada. Over 300 students from more than 30 nationalities participate in the event at Manipal. As a preparation for the Symposium, we have the Foundation course for the MPH students. Foundation course is a perfect amalgamation for the students from Maastricht, McMaster, and Manipal to work together for a common goal towards global health. Now with The University of Alabama at Birmingham, Alabama, University of del Rosario, Columbia, Nigata University, Japan, Ahfad University for Women, Sudan, and Thamassat University, Thailand, University of Southeast Norway on board, this Programme has provided a unique opportunity, first of its kind, for students across the globe to develop research proposals for the relevant topics in the current scenario and debate around the same. The Programme not only inculcates hands-on experience on proposal writing on relevant topics pertaining to global health in a diverse setting but it also helps to prepare themselves to work in a very versatile environment, which will equip them with all necessary skills to be a global public health leader in the coming years.



## Internship

MPH students also get an opportunity for observational and academic-oriented internships in various organizations across the country. This is a part of the curriculum and will be for a period of 8 weeks. This gives an opportunity for the MPH students to network and establish rapport with the organizations which can provide them job opportunities on completion of the course. Course credits will be provided for the internship activity. The various organizations where our students have completed their internships so far are as below: SOCHARA, Chennai, SAATHI, Kolkata, National Health Programme Offices – NVBDCP, NHRSC, IDSP, Endosulfan Kasargod, United Way, Mumbai, KHPT, SHSRC, ICMR, NIMHANS, The George Institute, JHPIEGO, IIMR, Bangalore, FMCH, Mumbai, NIRRH, Mumbai, NIE, Chennai, ROHC, Bangalore, NIREH, Bhopal, TGI, Delhi, MAHE-Access Life Foundation, Manipal

Last date to apply and  
Commencement of Classes -  
Refer

<https://manipal.edu/datestoremember>



The Programme is designed to develop competent social work professionals to manage emerging global challenges in social care and human development. The Programme offers a comprehensive, constructive and progressive experience of growth with a perfect blend of theoretical and practical learning. The Programme builds critical faculties and advanced professional skills of aspirants through a highly structured field-embedded curriculum

## Master of Social Work

### What sets us apart?

- Empowered initiative – students receive advanced mentoring and coaching jointly by well-accomplished practitioners and faculty members Concurrent fieldwork practice and organization-based internships
- Rural camp and study tours for field immersion and active learning opportunities
- Innovative pedagogy, including PBLs, gamification, and flipped classrooms
- Exposure to a research-oriented learning paradigm
- Student Exchange Programme with International Universities
- Concurrent fieldwork practice and internship with well structure and competency-based deliverables
- Alumni and Industry expert interactions



#### Eligibility Criteria

Graduates in any discipline from a recognized University with a minimum of 50% marks in the aggregate are eligible for admission.

Applicants are expected to complete all the academic requirements (Classes, Examinations, and other assessments) of their undergraduate Programmes on or before 31 July of the year of Admission.



#### Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Public Health)
- Personal Interview (PI)
- Merit List (based on eligibility, academic score, and personal interview)
- Provisional Admission
- Notification to Selected Candidates
- Admission Formalities

### MPH Specialisations

1

Community Development

2

Human Resource Management

3

Medical and Psychiatric Social Work

## 1. MSW Community Development



### Duration

2 Years

1st Year - Academic Teaching, fieldwork, rural camp, & Internship.

2nd Year - Academic Teaching, Research Project, study tour and Internship



### Programme Description

MSW Programme in Community Development enables the graduates to think globally and act locally with strong theoretical foundations and community embedded practicum. The Programme spreads over the four semester and provide ample opportunities for initiation, ideation, integration and implementation of sustainable social innovation through structured academic inputs on and off the field.



### Focus

The Community Development Programme focuses on building capacities to design, deliver and evaluate projects and Programmes that aim to meet the SDGs.



### Career Prospects

The students specializing in community development are placed in Non Governmental and Governmental Organizations, Community Health Centres both in rural and urban and CSR Projects. There is scope for them in the area of research, teaching and to grow as a social entrepreneur in their area of interest.

## 2. MSW Human Resource Management



### Duration

2 Years

1st Year - Academic Teaching, fieldwork, rural camp & Internship.

2nd Year - Academic Teaching, Research Project, Study tour and Internship



### Programme Description

With a year of strong foundation in core social work courses, the Programme builds on developing graduates' capacities to be competent HR professionals for corporate world. Adding to their academic curriculum, students acquire hands-on training and develop their professional networks through internships.



### Focus

The Programme focuses on emerging trends in the area of Labour Legislations, Industrial Relations, workplace wellness and management of human resources embedded with structured practical exposure develop skills required for corporate requirements.



### Career Prospects

The HR specialized students are placed in corporate sectors, manufacturing sectors, hospitals and hospitality sectors handling various human resource functions, managing CSR Programmes. Our alumni have initiated their own ventures.





### 3. MSW Medical and Psychiatric Social Work

#### Duration

2 Years

1st Year - Academic Teaching, fieldwork, Rural Camp & Internship.

2nd Year - Academic Teaching, Research Project, Study Tour and Internship.

#### Programme Description

Two years Medical & Psychiatric Social Work Programme has got a curriculum in the country attracts international students also for electives. With regular academic sessions from multi-disciplinary professionals, graduates are placed for practical training at health care organisations facilities of national and international repute. Mandatory research adds value to the Programme.

#### Focus

- The Programme prepares students to understand the complexities in causation of various health issues due to socio-cultural, behavioral, environmental and occupational factors. The focus also includes promotive, preventive and curative approaches to public health and mental health from a psychosocial perspective.
- Within the Department of Social & Health Innovation of Prasanna School of Public Health, the students are involved with the faculty members in social innovation projects generating societal impact on populations and health and social care systems.

#### Career Prospects

Students of Medical and Psychiatric Social Work are placed in schools, mental health settings, public health Programmes, GOs, and tertiary care hospitals and NGOs in India and overseas. They have scope to work in national health Programmes, counsellors and social workers in schools and hospitals, research and also in academics.

#### Placements

Excellent track record of job placements. Our students have been recruited in various Governmental, Non-Governmental Organizations, and Corporate sectors in India as well as in abroad.

Last date to apply and  
Commencement of Classes -  
Refer

<https://manipal.edu/datestoremember>



## Master of Hospital Administration (MHA)



The Master of Hospital Administration (MHA) Programme is designed to cultivate leadership and management skills tailored to the healthcare sector. This comprehensive programme strives to prepare students to transform into knowledgeable, ethical and innovative healthcare administrators who can contribute positively towards improving the healthcare sector. The curriculum integrates theoretical knowledge with practical application through interactive lecture sessions, case-based learning, and exposure to healthcare facilities to prepare students to tackle the dynamic challenges of healthcare administration.



### Eligibility Criteria

Pass with a bachelor's degree in any discipline (preferably, health sciences) from a UGC-recognized University or an equivalent qualification recognised by the Government of India with a minimum of 55% aggregate marks (or equivalent).

Candidates are expected to complete all the academic requirements (classes, examinations and other assessments) of their bachelor's degree on or before 31st July of the year of admission.

### What sets us apart?

- Experiential learning
- Hospital Postings in Secondary care, Specialty and Tertiary care hospitals
- Internship opportunities in hospitals belong to Manipal Health Enterprise Private Limited
- Comprehensive curriculum focuses on research and interdisciplinary learning



### Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Public Health)
- Personal Interview (PI)
- Merit List (based on eligibility, academic score, and personal interview)
- Provisional Admission
- Notification to Selected Candidates
- Admission Formalities



## Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship.



## Programme Description

The MHA programme is a full-time programme extending for a total duration of 2 years. The Programme is delivered in the semester format over four semesters.



## Focus

The Programme focuses on preparing young, knowledgeable, ethical and innovative administrators who can contribute positively to the healthcare market.



## Career Prospects

- MHA graduates secure opportunities to work in public and private hospitals, healthcare consultancies, healthtech, hospital quality management & accreditation and insurance companies.
- Apart from the healthcare sector, candidates have opportunities to continue in academia, doctoral research and project management, health policy initiatives and Programme implementation in the public and private sectors.



## Placements

- Students graduating from the MHA Programme secure placements in leading public and private organisations cutting across sectors in India and abroad. Many alumni hold key positions in renowned corporate and teaching hospital groups such as the Manipal Group of Hospitals, Fortis Healthcare, Global Hospitals, Apollo Hospitals, Sakra World Hospital, Narayana Health (NH) and HCG hospitals. Additionally, a number of alumni have secured excellent opportunities in the healthcare insurance sector (e.g., Mediassist Pvt. Ltd., ICICI Lombard, Reliance Insurance) and in IT-enabled health services (e.g., Dell, Health Assist).
- Several graduates also pursue higher education, including doctoral and graduate studies in India and abroad. Many students benefit from paid internships, both full-time and part-time. Campus placements are facilitated, with support provided for soft skills development, effective resume crafting, and interview preparation.



## Internship

MHA students have an opportunity for observational and academic oriented internships in healthcare organizations across the country. This gives them ample opportunities to network and establish rapport with organizations and their key personnel. This generally leads them to accessing job opportunities in the organizations on completion of the course work.

## Research in the MHA Programme

Students are trained and mentored to conduct high quality research and disseminate the findings through conference presentations and publications in high quality journals.

Areas of Research:

- Health care insurance and Out of pocket expenditure on health care
- Quality improvement Project
- Digital transformation and digital health
- Health services management
- Healthcare operations
- Health literacy

Last date to apply and  
Commencement of Classes -  
Refer

<https://manipal.edu/datestoremember>





## M.Sc. (Health Technology Assessment)

The MSc in Health Technology Assessment (HTA) offered by the Department of Health Technology and Informatics, PSPH is a transformative Programme designed to prepare professionals for leadership in evidence-based healthcare decision-making. By combining global methodologies with India-specific healthcare insights, this two-year full-time Programme offered in in-campus mode empowers students to evaluate healthcare technologies, drive policy innovation, and optimise resource allocation.

With a curriculum aligned to the rigorous standards of the Indian Council of Medical Research (ICMR) and the Department of Health Research (DHR) and approved by Medical Technology Assessment Board (MTAB), the Programme integrates theoretical learning with practical applications. Students gain proficiency in economic evaluation, evidence synthesis, and policy advocacy through case studies, internships, and research projects. With its comprehensive scope and focus on impactful solutions, this Programme positions its graduates as catalysts for transformative change in global and national healthcare systems.

### What sets us apart?

- **Legacy of Excellence:** Leverage the reputation of MAHE, a globally respected institution, and the multidisciplinary expertise of the PSPH.
- **Comprehensive Curriculum:** Covers all critical aspects of HTA, including health economics, evidence synthesis, data analytics, costing, and policy-making, ensuring holistic learning.
- **Global and India-Specific Relevance:** Blends global HTA methodologies with India-specific case studies, preparing students for impactful careers in both national and international settings.
- **Experiential Learning:** Gain hands-on experience through internships, real-world projects, and research-based dissertations, fostering practical problem-solving skills.
- **Distinguished Faculty:** Learn from highly qualified faculty with extensive academic credentials and research expertise, offering unparalleled mentorship.
- **Cutting-Edge Resources:** Access state-of-the-art tools in data analytics and evidence synthesis, essential for tackling complex healthcare challenges.
- **Leadership Development:** Build multidisciplinary competencies, including leadership, project management, and stakeholder engagement, to thrive in dynamic healthcare environments.
- **Endorsements and Credibility:** The Programme aligns with UGC recommendations and is endorsed by national agencies, ensuring its academic rigor and relevance.



## Eligibility Criteria

Pass with a bachelor's degree in any discipline (preferably health sciences) from a UGC-recognised university or an equivalent qualification recognised by the Government of India, with a minimum of 55% aggregate marks (or equivalent).

Candidates are expected to complete all the academic requirements (classes, examinations, and other assessments) of their bachelor's degree on or before July 31 of the year of admission.



## Duration

Two years [full-time]

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship



## Programme Description

The MSc in HTA offers a specialised and transformative pathway for individuals eager to make a meaningful impact in the healthcare sector. This Programme provides an unparalleled foundation in evaluating healthcare technologies, optimising resource allocation, and shaping policy decisions to address the complex challenges of modern healthcare systems. Among the first of its kind in India, this postgraduate Programme seamlessly integrates global best practices with a distinct focus on India-specific healthcare priorities. Developed in alignment with UGC recommendations and endorsed by the MTAB under ICMR/DHR, the curriculum ensures academic excellence, industry relevance, and credibility.

With a comprehensive curriculum covering economic evaluation, evidence synthesis, advanced data analytics, health policy, and decision-making frameworks, the Programme equips students with both the theoretical knowledge and practical skills required to excel. The interdisciplinary design bridges critical domains such as health economics, epidemiology, and ethics, empowering students to assess the clinical, economic, and societal impacts of healthcare interventions.

Experiential learning forms the cornerstone of this Programme. Through internships, research



## Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Data Science)
- Personal Interview (PI): Eligible candidates will undergo a personal interview after initial screening and assessed on academic performance.
- Merit List (based on eligibility, academic score, and personal interview)
- Provisional Admission
- Notification to Selected Candidates
- Admission Formalities

projects, and real-world case studies, students engage directly with contemporary challenges in healthcare. Field projects and collaborations with public and private sector stakeholders provide a unique opportunity to apply classroom learning in dynamic, real-world contexts. The research-based dissertation enables students to delve deep into HTA-related topics, fostering analytical skills and innovation.

The Programme is delivered by a distinguished faculty team, each bringing extensive research expertise and academic credentials to the classroom. Leveraging the multidisciplinary expertise of the PSPH and the legacy of MAHE, students benefit from cutting-edge resources, advanced analytical tools, and a global network of peers and alumni, creating unparalleled professional opportunities.

This MSc Programme not only equips students with a robust academic foundation but also fosters leadership, analytical reasoning, and decision-making capabilities. By addressing critical issues such as equitable resource allocation, universal health coverage, and healthcare innovation, the Programme prepares graduates to drive evidence-based decision-making and shape the future of healthcare





## Focus

The MSc in HTA Programme offers a meticulously designed curriculum that integrates foundational knowledge with advanced analytical skills, preparing students for impactful roles in healthcare decision-making. This full-time Programme spans two years and is divided into four semesters, combining theoretical learning with practical application through internships, research projects, and real-world case studies. The final semester is dedicated to projects (thesis) and internships.

The Programme encompasses several essential skills to carry out a health technology assessment including:

- Health Technology Assessments: Principles and Practice
- Health Policy and Health Systems
- Data Analytics for HTA: Foundations and Advanced Levels
- Evidence Synthesis for HTA
- Evidence-based Medicine
- Stakeholder Management
- Leadership and Project Management
- Ethical, Legal and Regulatory aspects of HTA
- Pharmacoeconomics
- Economic Evaluation
- Priority Setting for Universal Health Coverage
- Digital Health Innovation



## Career Prospects

The MSc in HTA equips graduates with specialised skills and comprehensive knowledge to excel in diverse and impactful roles within the healthcare sector. This Programme offers a robust foundation in economic evaluation, evidence synthesis, and policy advocacy, empowering professionals to optimise healthcare delivery, influence policy decisions, and assess innovative health technologies.

Graduates are well-prepared for careers as HTA Specialists, Health Economists, Policy Analysts, Clinical Research Associates, Market Access Specialists, Regulatory Affairs Specialists, Public Health Analysts, Data Analysts, Evidence Synthesis Experts, Real-World Evidence (RWE) Analysts, Consultants, and Programme Managers. The Programme also opens pathways to teaching, pursuing a PhD, or engaging in government roles focused on healthcare policy and regulation.

The Programme's practical approach, through internships and research projects, enables students to contribute to leading organisations, including NGOs, government agencies, health policy and planning institutions, pharmaceutical and biotech companies, consulting firms, healthcare and hospital management organisations, public health institutions, academic and research institutions, medical device companies, insurance and health financing organisations, global health agencies, and startups in digital health and innovation. By aligning with global and national standards, the MSc in HTA ensures that graduates are ready to assume leadership roles, shaping the future of healthcare systems with evidence-based expertise and driving impactful decisions across multiple sectors.



Last date to apply and  
Commencement of Classes -  
Refer



<https://manipal.edu/datestoremember>

## M.Sc. (Biostatistics)

The M.Sc. Programme in Biostatistics, offered by the Department of Applied Statistics and Data Science, provides an excellent blend of statistical theory, applied data analysis, and biomedical research methodologies. This interdisciplinary Programme is designed to equip students with the skills and expertise needed to excel in the field of biostatistics.

Key highlights of the Programme include:

- Strong foundations in statistical principles and methodologies tailored for biomedical research.
- Advanced training in the design and analysis of clinical trials, epidemiological studies, and other health-related research.
- Hands-on proficiency in leading Programming and analytical tools such as R, SAS, and Python. This curriculum ensures that students are prepared to address real-world challenges in public health, clinical research, and healthcare analytics.

### What sets us apart?

- **Thorough Statistical Training:** An extensive curriculum covering sophisticated statistical methods for medical and health research, including statistical consulting for practical uses in epidemiological research, clinical trials, and healthcare analytics.
- **Interdisciplinary Approach:** By combining epidemiology, clinical research, public health, and biostatistics, students are given a broad range of skills to address challenging health data issues in a variety of fields.
- **Cutting-Edge Research Opportunities:** Students can participate in high-impact research projects in partnership with academic and industry partners, giving them the chance to develop health research and biostatistical techniques.
- **Industry Readiness:** Students are prepared to enter and succeed in the pharmaceutical, healthcare, and public health industries through extensive practical exposure utilizing industry-standard tools including R, SAS, and Python.
- **Global Career Readiness:** An emphasis on developing knowledge and expertise that equips graduates for prosperous careers in public health and biostatistics around the world, whether in government, business, or academia.



#### Eligibility Criteria

Pass in BSc (Statistics / Mathematics / Computer Science / Information Technology / ) / BE or BTech / BCA or any other graduation from a recognized University with 60% aggregate marks or equivalent with minimum 2 years learning of Mathematics / Statistics.

Applicants are expected to complete all the academic requirements (Classes, Examinations, and other assessments) of their Under Graduate Program on or before 31 July of the year of Admission)



#### Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Data Science)
- Personal Interview (PI)
- Merit List (based on eligibility, academic score, and personal interview)
- Provisional Admission
- Notification to Selected Candidates
- Admission Formalities



## Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship



## Programme Description

- This Program is offered by the Department of Applied Statistics and Data Science, Prasanna School of Public Health, emphasizes on a variety of statistical and computational methods for application in medicine, health sciences, life sciences, public health. To familiarize the student with real life situations, tutorials and self-learning exercises are included in the theory courses. The practical courses help students apply their acquired analytical knowledge with hands on experience in statistical software such as R/SAS/ Python/Epiinfo.
- The Program involves three semesters of regular classes under the semester teaching paradigm wherein the students get an opportunity to gain expertise in 20 different industry- relevant courses. The fourth semester is devoted to internships and strengthening research along with data-centric problem solving capabilities.
- The second year of the Program will thus, enable the student to gain expertise in independently tackling practical problems related to collection, design, analysis and interpretation of data

### Seminar and Journal Presentation

With an intention to motivate research aptitude, update on recent advances, pedagogy and communication skills, students present specific topics and journal articles frequently under the guidance of faculty for which they will earn credits.



## Focus

The aim of the Program is to foster an interest in biostatistics and nurture students to emerge as professional biostatisticians as required by government/private sector research, health care settings and industry. The Program is also aimed to nurture students develop into skilled professionals who can apply statistical principles, processes and analytical methods to collect, design, analyse and interpretation of healthcare data.



## Career Prospects

With over a decade-long history in the academia, this Department has always been working closely with the industry and research institutions. Through a great range of employability initiatives including internship collaborations and unlimited access to massive open online courses, we ensure that our degrees are in toe with the dynamic needs of the industry as well as academia. We are dedicated to making our students employable without compromise on strengthening their conceptual knowledge; both of which play a significant role in careers in research and industry. We are proud of our Alumni who have weaved success stories in renowned industries and research institutes much in line with our belief: "World Wide Manipal."

Last date to apply and  
Commencement of Classes -  
Refer

<https://manipal.edu/datestoremember>

## M.Sc. (Data Science)

The MSc Program in Data Science offered at the Department of Applied Statistics and Data Science is a perfect blend of Machine Learning, Big Data Analytics, Statistics and the Biological Sciences. It aims to nurture the students with inter-disciplinary expertise through:

- Strong methodological foundations in the decision sciences
- Versatile training in data-centric research
- Competency to work in multiple Programming environments (R, SAS, Python, Hadoop, Spark and SQL)

### What sets us apart?

A robust curriculum covering the full spectrum of data science, including machine learning, statistical modeling, big data analytics, and data visualization, with a focus on real-world problem-solving.

**Interdisciplinary Expertise:** Bridging computer science, mathematics, and domain-specific knowledge, the Program equips students to address data-driven challenges in diverse sectors such as finance, healthcare, marketing, and technology.

**State-of-the-Art Research Opportunities:** Students engage in cutting-edge projects involving artificial intelligence, predictive analytics, and computational modeling, working alongside leading academic and industry researchers.

**Industry-Standard Tools and Techniques:** Hands-on training with industry-leading tools and platforms, including Python, R, TensorFlow, Hadoop, and SQL, ensuring graduates are adept at implementing scalable and efficient data solutions.

**Global Career Readiness** Focused on equipping students with critical thinking and technical expertise, the Program prepares graduates for thriving careers in data science globally, across industries such as technology, consulting, and academia.

**Strong Industry Connections:** Partnerships with top-tier companies provide students with internships, live projects, and placement opportunities, giving them a competitive edge in the rapidly evolving data science landscape.



#### Eligibility Criteria

Pass in BCA / BSc (Statistics / Mathematics / Computer Science / Information Technology) BE or BTech or any other graduation from a recognized University with 60% aggregate marks or equivalent with minimum 2 years learning of Mathematics / Statistics with basic software programming skills.

Applicants are expected to complete all the academic requirements (Classes, Examinations, and other assessments) of their Undergraduate Programs on or before 31 July of the year of Admission)



#### Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Data Science)
- Manipal Entrance Test (MET)
- Merit List based on MET score
- Physical / Online Counseling
- Admission Formalities



## Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship



## Programme Description

- This Program is offered by the Department of Applied Statistics and Data Science, Prasanna School of Public Health, emphasizes on practical techniques for working with large-scale data. Specific topics covered include statistical modeling and machine learning, Programming languages such as SAS, R, Python, Hadoop, Spark along with real world topics and case studies. The theory courses are delivered through classroom learning, blended and flipped learning experience along with hands-on practicals at the lab facility.
- The Program involves three semesters of regular classes under the semester teaching paradigm wherein the students get an opportunity to gain expertise in 20 different industry- relevant courses. The Fourth semester is devoted to internships and strengthening research along with data-centric problem solving capabilities.
- The second year of the Program will thus, enable the student to gain expertise in independently tackling practical problems related to collection, design, management, exploration, analysis and interpretation of data/big data.

### Seminar and Journal Presentation

With an intention to motivate research aptitude, update on recent advances, pedagogy and communication skills, students present specific topics and journal articles frequently under the guidance of faculty for which they will earn credits.



## Focus

The M.Sc. (Data Science) Program is devoted to the specialized training in analytical statistics. It aims to nurture the recipients develop as statistical business analysts, research analysts, and data scientists with productive careers in corporate sector through

- strong methodological foundations in analytical statistics
- versatile training in handling statistical consultations
- competency in the usage of appropriate techniques, skills, and tools necessary for data science



## Career Prospects

The Department of Applied Statistics and Data Science has always walked ahead of times with a keen eye on the dynamic nature of developments in biological sciences and decision sciences. The MSc Program in Data Science offered at the department is a perfect blend of machine learning, big data analytics, statistics and other domains. This offers inter-disciplinary expertise leading to abundant opportunities across various facets of the corporate sector as well as the academia. With growing demand for inter-disciplinary research, our students who are well- equipped with theoretic and practical knowledge will shine with success stories at the academic and non- academic front across the globe.

Last date to apply and  
Commencement of Classes -  
Refer

<https://manipal.edu/datestoremember>





## M.Sc. (Digital Epidemiology)

The MSc Programme in Digital Epidemiology offered at the Department of Data Science aims to build competencies in designing efficient and scalable algorithms for processing, mining and analyzing dynamic and large-scale epidemiologic/non-epidemiologic data. The Programme aspires to achieve data-driven, evidence-informed policy impacts for the benefit of the global community by nurturing the students with interdisciplinary expertise through

- Methodological expertise in big data analysis and its applications
- Strong methodological foundations in multi-disciplinary facets of epidemiology
- Data driven evidence-based research and development using advanced computational capabilities

### What sets us apart?

**Comprehensive Training in Digital Epidemiology**  
Curriculum covering advanced epidemiological methods, digital health technologies, and data science techniques to address public health challenges in the digital age.

#### Interdisciplinary Focus

Combining traditional epidemiology, biostatistics, computer science, and public health, the Program provides a unique skill set to analyze and interpret health data from digital sources such as social media, wearable devices, and electronic health records.

#### Innovative Research Opportunities

Students participate in transformative research projects involving digital surveillance, health informatics, and AI-driven disease modeling, collaborating with global academic and industry leaders.

#### Mastery of Modern Tools

Practical training with cutting-edge tools like Python, R, machine learning frameworks, and health data platforms ensures students are equipped to manage and analyze large-scale digital health datasets effectively.

#### Global Career Preparation

With a focus on digital health trends and global health challenges, graduates are prepared for impactful careers in public health organizations, tech companies, NGOs, and academia worldwide.

#### Strong Industry and Academic Partnerships

Collaborations with global health organizations, tech giants, and research institutions provide students with access to internships, real-world projects, and job opportunities in the growing field of digital epidemiology.



## Eligibility Criteria

- BSc. Statistics/Mathematics/ Computer Science
- BE/B.Tech/BCA
- Any other Graduation with a minimum of two years of learning of Mathematics or Statistics
- Programming knowledge is a pre-requisite for admissions to this program

Pass in Bachelor of Science with Mathematics and basic programming skills / BTech / BCA with mathematics with minimum 60 % aggregate marks.

Applicants are expected to complete all the academic requirements (Classes, Examinations, and other assessments) of their Under Graduate Programmes on or before 31 July of the year of Admission)

Note: Students selected for the Programme are expected to complete all the requirements of the Bachelor's Programme considered for eligibility to MSc (Digital Epidemiology) prior to admission to this Programme. Provisional certificates must be submitted at the time of admission to the Programme.



## Duration

2 Years

1st Year - Academic Teaching.

2nd Year - Academic Teaching, Research Project and Internship



## Admission Process

- Apply Online at <https://apply.manipal.edu/> (choose stream: Data Science)
- Statement of Purpose (SOP)
- Personal Interview (PI)
- Merit List based on qualifying exam marks, SOP and PI
- Provisional Admission Notice to shortlisted candidates
- Admission Formalities



## Programme Description

- This Program is offered by the Department of Applied Statistics and Data Science, Prasanna School of Public Health, emphasizes on practical techniques for working with large-scale epidemiological data. Specific topics covered will include data management, digital infrastructure, communication and monitoring with focus on statistical modelling and machine learning, Programming languages such as R, Python, Hadoop, Spark along with real world topics and case studies.
- The Program involves three semesters of regular classes under the semester teaching paradigm wherein the students get an opportunity to gain expertise in 20 different industry- relevant courses. The fourth semester is devoted to internships and strengthening research along with data-centric problem-solving capabilities.
- The second year of the Program will thus, enable the student to gain expertise in independently tackling practical problems related to collection, design, management, exploration, analysis and interpretation of data/big data

### Seminar and Journal Presentation

With an intention to motivate research aptitude, update on recent advances, pedagogy and communication skills, students present specific topics and journal articles frequently under the guidance of faculty for which they will earn credits





### Focus

The MSc Program in Digital Epidemiology offered at the Department of Applied Statistics and Data Science aims to build competencies in designing efficient and scalable algorithms for processing, mining and analyzing dynamic and large-scale epidemiologic/non-epidemiologic data. The Program aspires to achieve data-driven, evidence informed policy impacts for the benefit of the global community by nurturing the students with interdisciplinary expertise through

- Methodological expertise in big data analysis and its applications
- Strong methodological foundations in multi-disciplinary facets of epidemiology
- Data driven evidence based research and development using advanced computational capabilities



### Career Prospects

The Department of Applied Statistics and Data Science has always walked ahead of times with a keen eye on the changing dynamics of multi-disciplinary research and expertise. The MSc Program in Digital Epidemiology introduced in 2021-22 offers a flavor of multi-disciplinary proficiencies leading to abundant opportunities in the domains of healthcare technology, e-health governance, policy think tanks along with research and academia. Our students who are well-equipped with theoretic and practical knowledge will shine with success stories at the academic and non-academic front across the globe.

### Curriculum highlights - of M.Sc. (Biostatistics), M.Sc. (Data Science) and M.Sc. (Digital Epidemiology) Programs

- The Curriculum incorporates needs of the industry and research facilities at the global front
- The department has incorporated the newly introduced outcome-based education and learning paradigm into its curriculum
- Strengthened student-industry interaction during the Programme will enhance student employability
- Statistical consultancy services offered by the Department enables the student to understand, analyse and interpret real data
- Opportunities for internship/ placement in academic/research institutions through collaborations at the department level
- Students are encouraged to attend workshops, participate in conferences, competitions and other extra-curricular activities by providing assistance

Last date to apply and  
Commencement of Classes -  
Refer

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### Internships and Placements:

Placement assistance is provided for successful students in multi-national corporates and academic/research institutions of high repute at the national and international level. Our alumni work as Biostatistician/ SAS Programmer/ Data Scientist in renowned industries and medical colleges. We are proud to have an excellent alumni network and placement record. Following are a few organizations in which our alumni are employed.

### Alumni advancement towards doctoral education:

Few of our distinguished alumni of the M.Sc. (Biostatistics) Programme are currently pursuing their doctoral studies in reputed international and national universities.

### Statistical Consultancy:

Department of Applied Statistics and Data Science offers statistical consultancy services to the faculty, researchers and students of different constituent units of MAHE and other institutions including the industry. As part of the curriculum, students under the guidance of faculty are trained to cater to various aspects of the research process.

This will enable the student to develop:

- An awareness on the statistical consultation process and the associated problem-solving methodology on real data
- Oral and written skills to communicate research findings.
- Skills for research dissemination











