



MANIPAL
INTERNATIONAL UNIVERSITY

POSTGRADUATE STUDIES

manipal international university



WORLDWIDE MANIPAL

Our Campuses



Manipal Academy of Higher Education, Manipal, India



Manipal International University, Nilai, Malaysia



Manipal University Jaipur, Jaipur, India



Sikkim Manipal University, Sikkim, India



Sikkim Academy of Higher Education, Dubai, UAE



Manipal College of Medical Sciences, Nepal



American University of Antigua, Antigua



Manipal University College, Melaka, Malaysia



Manipal GlobalNxt University, Malaysia

About MIU

Manipal International University (MIU), a member of the Manipal Global Education Group, is a full-fledged Malaysian university offering multidisciplinary programs with a focus in the fields of Science, Engineering, Business and Mass Communication. The Manipal Education Group has been responsible for producing some of the brightest minds in Asia for the past 60 years.

The pedagogy at MIU is centred on outcome-based learning, and open-ended questions, with an emphasis on real challenges affecting the industry today. Students are exposed to timely industry updates as well as a holistic, innovation-centric learning environment.

MIU provides the best of international education with syllabus aligned to industry, international quality faculty, and multicultural students from all over the world. Learning at MIU encourages the communion of ideas and convergence of experience, well preparing students for a global career.

An ecosystem to inspire the finest Minds

An ecosystem to inspire the finest minds

More than a university, MIU is an education ecosystem that has been designed to deliver a truly international education, setting new standards of education excellence in Malaysia.

A sprawling integrated green development

MIU is located on a green 142-acre hillside in the university town of Nilai, Negeri Sembilan. Enveloped by a picturesque lake, it is just 45 kilometers south of the Kuala Lumpur city center and 20 kilometers from the Kuala Lumpur International Airport (KLIA) and Kuala Lumpur International Airport 2 (KLIA 2). The integrated development will include a 1,000-seat amphitheater, sports complex, student Centre, hostel and recreational facilities. The campus is being developed in phases and will accommodate a student capacity of over 20,000 once fully completed.

The campus, built to adhere to LEED Platinum Green Building accreditation from the United States, showcases state-of-the-art integration of green technology in the construction and maintenance of the building. With interactive and open spaces, modern facilities including labs and workshops, comfortable classrooms, and lecture halls, sprawling greens that refresh, MIU provides a conducive environment for students to excel.

Convenient access and connectivity

Nilai is well connected by public transportation be It taxi, bus, or train. The Nilai train station is 8 kilometres away from campus with trains to KL city every half an hour. Kuala Lumpur international Airport (KLIA) and Kuala Lumpur International Airport 2 (KLIA 2) is 20 kilometers away. Both are accessible by taxis and busses.

Study Route

Relevant bachelor's degree

Postgraduate

- Master of Business Administration
- Master of Science in Biotechnology
- Master of Science in Business
- Master of Science in Engineering

Relevant Master degree

Postgraduate

- Doctor of Philosophy in Biotechnology
- Doctor of Philosophy in Business
- Doctor of Philosophy in Engineering
- Doctor of Engineering in Advanced Industrial Technology

Postgraduate programs offered under MIU

- Master of Business Administration
- Master of Science in Business
- Doctor of Philosophy in Business
- Master of Science in Biotechnology
- Doctor of Philosophy in Biotechnology
- Master of Science in Engineering
- Doctor of Philosophy in Engineering
- Doctor of Engineering in Advanced Industrial Technology



Program	Entry Requirements	Duration
Master of Business Administration (R/345/7/1053)(05/27) (MQA/FA8671)	i. A Bachelor's degree (Level 6, MQF) in related fields recognized by the HEP Senate with a minimum CGPA of 2.50; OR ii. A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.00, subject to a rigorous internal assessment*; OR iii. A Bachelor's degree (Level 6, MQF) in non-related fields recognized by the HEP Senate with a minimum CGPA of 2.00 and relevant working experience*, subject to a rigorous internal assessment*; OR iv. A Bachelor's degree (Level 6, MQF) in non-related fields recognized by the HEP Senate with a minimum CGPA of 2.00 WITHOUT relevant working experience, subject to passing pre-requisite courses*; OR v. Other equivalent/related qualifications to a Bachelor's degree (Level 6, MQF) recognised by the Malaysian Government. <i>INTERNATIONAL STUDENTS:</i> Require Achieve a minimum Band 4 in MUET OR equivalent to CEFR (Mid B2), minimum score of 6.0 for IELTS or its equivalent	1 year (Full-time) 2 years (Part-time)

Program	Entry Requirements	Duration
Master of Science in Business <i>(By Research)</i> (N/345/7/1120)(03/26) (MQA/PA14343)	<ol style="list-style-type: none"> A Bachelor's degree (Level 6, MQF) in related fields recognized by the HEP Senate with a minimum CGPA of 2.75; OR A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.50, subject to rigorous internal assessment; OR A Bachelor's degree (Level 6, MQF) in related fields with a minimum CGPA of 2.00 WITH a minimum of 5 years relevant working experience and rigorous internal assessment; OR A Bachelor's degree (Level 6, MQF) in non-related fields recognized by the HEP Senate with a minimum CGPA of 2.50 and relevant working experience, rigorous internal assessment, OR A Bachelor's degree (Level 6, MQF) in non-related fields recognized by the HEP Senate with a minimum CGPA of 2.00, minimum of 5 years relevant working experience and rigorous internal assessment; OR A Bachelor's degree (Level 6, MQF) in non-related fields recognized by the HEP Senate with a minimum CGPA of 2.00 WITHOUT relevant working experience, subject to passing pre-requisite courses, OR Other qualifications equivalent to a bachelor's degree (Level 6, MQF) recognised by the Malaysian Government. <p><i>INTERNATIONAL STUDENTS:</i> Require Achieve a minimum Band 4 in MUET OR equivalent to CEFR (Mid B2), minimum score of 6.0 for IELTS or its equivalent</p>	2-3 years (Full-time) 3-4 years (Part-time)
Doctor of Philosophy in Business <i>(By Research)</i> (N/345/8/1086) (03/27) (MQA/PA14342)	<ol style="list-style-type: none"> A Master's degree (Level 7, MQF) in related fields recognised by the HEP Senate; OR A Master's degree (Level 7, MQF) in nonrelated fields recognised by the HEP Senate, subject to relevant working experience and rigorous internal assessment; OR A Master's degree (Level 7, MQF) in non-related fields recognised by the HEP Senate WITHOUT relevant working experience, subject to passing prerequisite courses; OR Other qualifications equivalent to a Master's degree (Level 7, MQF) recognised by the Malaysian Government. <p><i>INTERNATIONAL STUDENTS:</i> Require Achieve a minimum Band 4 in MUET OR equivalent to CEFR (Mid B2), minimum score of 6.0 for IELTS or its equivalent</p>	3-5 years (Full-time) 4-7 years (Part-time)

PROGRAMME

Program	Entry Requirements	Duration
Master of Science in Biotechnology <i>(By Research)</i> (N/545/7/0105) (08/25) (MQA/PA13862)	i. A Bachelor's degree (Level 6, MQF) in a related field recognised by the HEP Senate with a minimum CGPA of 2.75, or its equivalent; OR ii. A Bachelor's degree (Level 6, MQF) in a related field with at least CGPA of 2.50, subject to a rigorous internal assessment; OR iii. A Bachelor's degree (Level 6, MQF) in related field but has not achieved CGPA of 2.50 WITH a minimum of 5 years working experience in the relevant field. International students are required to achieve a minimum score of 5.5 in IELTS OR Band 3 in MUET OR its equivalent	2 years (Full time) 4 years (Part time)
Doctor of Philosophy in Biotechnology <i>(By Research)</i> (N/545/8/0099) (08/27) (MQA/PA13863)	A Master's degree (Level 7, MQF) in a related field, as accepted by the HEP Senate. International students are required to achieve a minimum score of 5.5 in IELTS OR Band 3 in MUET OR its equivalent	3-5 years (Full time) 4-8 years (Part time)



Program	Entry Requirements	Duration
Master of Science in Engineering <i>(By Research)</i> (N/520/7/0121) (09/26) (MQA/PA14816)	<p>A Bachelor's degree (Level 6 MQF) in the field or related fields with a minimum CGPA of 2.75 or equivalent, as accepted by the University Senate.</p> <p>A Bachelor's Degree (Level 6 MQF) in the field or related fields or equivalent with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment.</p> <p>A Bachelor's Degree (Level 6 MQF) in the field or related fields or equivalent with minimum CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to a minimum of five years working experience in the relevant field and rigorous internal assessment.</p> <p>For International students, TOEFL score of OR IELTS score of 5.0 OR it equivalent. If a student does not meet this requirement, Higher Education Provider (HEP) will offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the program.</p> <p>Note: Students graduated from the universities in which the medium of instruction is English are exempted from the English requirement.</p>	2-3 years (Full-time) 3-6 years (part-time)
Doctor of Philosophy in Engineering <i>(By Research)</i> (N/520/8/0112) (09/28) (MQA/PA14818)	<p>Recognised Master's Degree or its equivalent AND</p> <p>For International students, TOEFL score of 500 OR IELTS score of 5.0 OR its equivalent. If a student does not meet this requirement, HEPs will offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the program.</p> <p>Note: Students graduated from the universities in which the medium of instruction is English are exempted from the English requirement.</p>	3-5 years (Full time) 4-6 years (Part time)
Doctor of Engineering in Advanced Industrial Technology (N/520/8/0113) (09/28) (MQA/PA14817)	<p>Recognised Master's Degree in the field or related fields (Level 7 Malaysian Qualifications Framework, MQF) or its equivalent; AND</p> <p>For International students, Test of English as a Foreign Language (TOEFL) score of 500 OR International English Language Testing System (IELTS) score of 5.0 OR its equivalent.</p> <p>If a student does not meet this requirement, Higher Education Provider (HEP) must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the program.</p> <p>Note: Students graduated from the universities in which the medium of instruction is English are exempted from the English requirement.</p>	3-5 years (Full time) 4-6 years (Part time)

PROGRAMME

SCHOOL OF MANAGEMENT AND BUSINESS

Postgraduate research program backed by the prestigious Manipal brand around the world. It is a program designed to cover a wide array of research in business under the quality supervision of our academics with extensive experience of high-quality research and publication, thus able to take you to a higher and stronger career growth with the best research skills. With a professional and best academic environment, students will be guided towards a brighter future.



Master of Business Administration

PROGRAM OVERVIEW

In today's era of globalization with rapid and continuous change in work environment, competitive and sustainable advantage will increasingly depend on our capacity for innovation; the creation and development of something new through knowledge, skills, and creativity of individuals. This opportunity-focused approach requires a creative state of mind that can react to unexpected problems and opportunities. The world's only MBA-related accreditation adds value to our MBA program by having an international membership with a prestigious MBA Association based in the UK.

PROGRAM STRUCTURE

FULL TIME

Semester 1

- Marketing Management
- Human Resource Management
- Business Analytics
- Accounting & Finance for Manager

Semester 2

- Managerial Economics
- Organizational Behavior
- Strategic Management
- Research Methodology

Semester 3

- Elective (1)
- Project Paper (Proposal Defending & Final Submission)

PART TIME

Semester 1

- Marketing Management
- Human Resources Management

Semester 2

- Business Analytics
- Accounting & Finance for Manager

Semester 3

- Managerial Economics
- Organizational Behavior

Semester 4

- Strategic Management
- Research Methodology

Semester 5

- Elective (1)
- Project Paper (Proposal Defending)

Semester 6

- Project Paper (Final Submission)

ELECTIVE COURSES

- International Business
- E-Commerce
- Strategic Marketing
- Change Management & Organisational Development
- Retail Management
- Corporate Finance
- Business Ethics
- Risk Management
- Internet of Things
- Operation Management



Master of Science in Business

MQA/PAT4343

PROGRAM STRUCTURE

For students to understand and learn more extensively about how research at the master level should be done, students will be exposed to the most important aspects of research both quantitatively and qualitatively. This MSc in Business (By research) program at Manipal International University is structured as follows:

MSC701 RESEARCH METHODOLOGY 1

Students will be exposed to a deeper knowledge of the basics of research at the Master level from the aspects of philosophy, the art of thesis writing to the ethical aspects of research at the advanced postgraduate level.

MSC702 RESEARCH METHODOLOGY 2

Students will be exposed to more advanced knowledge from the aspect of quantitative and qualitative research design to the aspect of data analysis and interpretation for both research designs including mix-methods. After Students finish the two compulsory subjects they will begin research with professional supervision starting from the aspect of problems statement to methodology and preparation for proposal defence. Then Students will be guided to complete the thesis and pass the Viva-voce successfully.

Doctor of Philosophy in Business

PROGRAM OVERVIEW

is a quality postgraduate

PhD in Business program at Manipal International University is a quality postgraduate research program. We leverage on current global business practices to generate a wide range of research topics. This program provides a solid foundation in the mechanisms & tools of business management enabling candidates to analyse real-life business and strategy issues which prepare candidates for a fulfilling academic or professional career in various fields.

PROGRAM STRUCTURE

PHD 801

RESEARCH PROCESS AND ACADEMIC WRITING

Students will be exposed to a deeper knowledge of the basics of research at the Ph.D. level from the aspects of philosophy, the art of thesis writing to the ethical aspects of research at the advanced postgraduate level.

PHD 802

RESEARCH DESIGN AND METHODOLOGY

Students will be exposed to more advanced knowledge from the aspect of quantitative and qualitative research design to the aspect of data analysis and interpretation for both research designs including mix-methods.

PHD 803

Thesis 1

Students will begin research with professional supervision starting from the aspect of problem statement to methodology and preparation for proposal defense.

PHD 804

Thesis 2

Students will be guided to complete the research successfully.

CAREER OPPORTUNITIES

Ph.D graduates typically have the opportunity to be in the organization's senior management category, or as senior researchers in the organization. In-depth knowledge in the field of research methodology also helps graduates in employment or business as consultants or industry experts as well as a bright opportunity to build an excellence academic career. Manipal International University is ready to guide and help you to realize your future dreams.

PROGRAMME

SCHOOL OF BIOTECHNOLOGY

Master of Science in Biotechnology

The Master of Science in Biotechnology (research mode) at MIU will place you at heart of the leading centres of bioscience in Malaysia and give you exciting opportunities to explore your interests. Our program provides students the opportunities to pursue their research interest and at the same time foster creativity towards transformative and innovative research. The program developed to provide specialized scientific learning along with innovative projects that help students to explore diverse career pathways, empowering them to thrive and prosper in an ever-evolving industry.

Full time

Semester 1
Research
Research Methodology
Semester 2- 4
Research

Part Time

Semester 1
Research
Research Methodology
Semester 2- Semester 9
Research

Doctor of Philosophy in Biotechnology

PROGRAM OVERVIEW

The Doctor of Philosophy in Biotechnology (research mode) programme at MIU will place you at heart of the leading centres of bioscience in Malaysia and give you exciting opportunities to explore your interests. Our program provides students the opportunities to pursue their research interest and at the same time foster creativity towards transformative and innovative research. The program developed to provide specialized scientific learning along with innovative projects that help students to explore diverse career pathways, empowering them to thrive and prosper in an ever-evolving industry.

PROGRAM STRUCTURE

Full time

Semester 1
Research
Research Methodology
IPR, Bioethics and Biosafety
Semester 2- 6
Research

Part Time

Semester 1
Research
Research Methodology
IPR , Bioethics and Biosafety
Semester 2- Semester 10
Research

SCHOOL OF ENGINEERING AND COMPUTING

Master of Science in Engineering

PROGRAM OVERVIEW

The Master of Science in Engineering at MIU is a research-based master programme. Designed to introduce and train you to conduct proper scientific research in the field of engineering and computing. You will learn formally the research methodology most appropriate for your proposed research, how to prepare a research proposal and defend your proposal, to conduct research, prepare technical publication, prepare a thesis, and defend your research finding.

Master of Science (MSc) in Engineering by Research only comprises 5 disciplines:

- Computing
- Electrical & Electronics Engineering
- Chemical Engineering
- Mechanical Engineering
- Civil Engineering

The research conducted at the school is heavily reliant on the knowledge available, and research clusters are developed based on this expertise. As a result, this programme will provide and/or supervise research projects centred on these study clusters. This programme provides a comprehensive view on research methods and experimental designs related to the field of Engineering

1. Technology Development and Sustainable Construction,
2. Robotic and Intelligence Systems,
3. Artificial Intelligence and Neural Networks,
4. Smart Grid and Sustainable Energy Systems,
5. Process Safety and Environmental, and
6. Advanced Materials and Manufacturing Technology

Year 1

RESEARCH METHODOLOGY
SEMINAR

Year 2

DISSERTATION

Year 3

DISSERTATION



Doctor of Philosophy in Engineering

PROGRAM OVERVIEW

The Doctor of Philosophy in Engineering at MIU is a research-based programme. Designed to train you to conduct original research in the field of Engineering and Computing. You will learn how to apply the most appropriate research methodology for your research; develop and defend a proposal for an original research; conduct research; publish your research finding in peer reviewed journal publication; prepare a thesis and defend your findings examined by an expert panel of examiner.

Doctor of Philosophy (PhD) in Engineering by Research only comprises 5 disciplines:

- Computing
- Electrical & Electronics Engineering
- Chemical Engineering
- Mechanical Engineering
- Civil Engineering

The research conducted at the school is heavily reliant on the knowledge available, and research clusters are developed based on this expertise. As a result, this programme will provide and/or supervise research projects centred on these study clusters. This programme provides a comprehensive view on research methods and experimental designs related to field of Engineering facilities:

- Technology Development and Sustainable Construction,
- Robotic and Intelligence Systems,
- Artificial Intelligence and Neural Networks,
- Smart Grid and Sustainable Energy Systems,
- Process Safety and Environmental, and
- Advanced Materials and Manufacturing Technology



PROGRAM STRUCTURE

Year 1

RESEARCH METHODOLOGY
SEMINAR

Year 2

DISSERTATION

Year 3

DISSERTATION

Doctor of Engineering in Advanced Industrial Technology (EngD)

PROGRAM OVERVIEW

This Engineering Doctoral (EngD) program is designed to equip you with knowledge in the latest technological advancement in Industrial Revolution 4.0. This program focuses mainly on the state-of-the-art Advanced Industrial Technologies covering the various pillars of Industrial Revolution 4.0. The curriculum of this program is designed to prepare you to be an expert in a rapidly changing world, where technological innovation and advancement is not only expected but happening at rapid pace.

Year 1	Year 2	Year 3
Research Methodology	Big Data Management and Analysis	Elective 1
Innovation Technology and Entrepreneurship	IoT Devices and Application	Intelligent Sensors and Control for Autonomous Systems
Management Intelligence	Organization Risk Management	Elective 2
Intelligent Systems	Autonomous Systems	Operations Management and Information System Issues and Practices
Additive Manufacturing Processing and Product Development	Cyber Security	Dissertation
Modeling and Simulation	Security Analysis and Vulnerability Assessment	
Cloud Computing	Augmented Reality (AR) systems	
Virtual reality (VR) Design Principles	Mixed reality (MR) Systems	
Organizational Strategy	High Performance Embedded System	

Electives

- Cloud Security
- System Integration
- Integrated Manufacturing System
- Rapid Prototyping
- Building Information Modelling (BIM)
- Adv. Building Materials in Building Construction
- IT Project Management
- Bioelectronics and Biosensors
- Advanced Process Dynamics and Control
- Process Modelling and Simulation

STUDENT TESTIMONIAL



Liang Zhiyi from China, MBA Student

"MIU is a professional academy. The curriculum is spread out so that a student can focus on one course and learn well. We have examinations at the end of each month. I find this process very effective to gather knowledge. The campus in Malaysia is nice and green. The people are very friendly. We all live here like a family. I feel happy to study here. I can improve myself in this environment. I really enjoy studying here".



Satya Devu, MBA Student

"I am a working professional, and I am also doing my research so my concern here was, can I get sufficient time to work and obtain an MBA at the same time. As this program is modular and enabled by SMART Classroom, it enables you to access lectures from anywhere from the world. The biggest asset of this program is also the faculty, we have very experienced and well qualified faculty and have a renowned

experience in teaching and consultancy. I am from an engineering background, and I don't have any prior managerial knowledge, but I am able to score A and as well as A+ grades. I can attribute that only to the faculty and as well as the learning process we employ here.



**Nyriendra Richard, Zambia,
MBA Student and MIU alumnus**

unique feature is, this is analytics driven, the professors we have here are world class. In terms of the way they conduct themselves, the way they project themselves and how they deliver the lectures to us is very friendly and at the same time very educational.

“The uniqueness about this MBA program is first of all we have had a one week field trip to Australia, another unique feature of the program is the SMART Classroom that we have. The advantage of the Smart Classroom is in case you have missed a lecture due to one or two reasons; you can still catch up with your friends by logging in and watching the lectures online. Another



**Haslinda A. Rahman
MBA Student, Batch 2018**

Whilst, the continuously be challenged through group project works, individual task, presentation & exams develop the student's resiliency. The 'SMART' classroom, knowledgeable & experience lecturers, multi-cultural experience, good teamwork & green campus makes for a harmonious blend that enriched my study experience in MIU-Nilai, Msia campus. The 2 years in the MBA program of MIU had given me a valuable insight & such a memorable journey.

With 17 years of experience in the aviation industry & holding the last position of Strategic Manager at MAHB which involved in the transformation strategy, innovation & cost saving project, I can't agree more that the analytical syllabus embedded in this MBA program is the strong suit required to build student's competitive niche skills in today's challenging working environment.

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