



POSTGRADUATE STUDIES (RESEARCH) STUDENT HANDBOOK Academic Session 2025/2026



School of Industrial Technology
Universiti Sains Malaysia
indtech.usm.my

POSTGRADUATE STUDIES (RESEARCH) STUDENT HANDBOOK

SCHOOL OF INDUSTRIAL TECHNOLOGY

Academic Session 2025/2026

STUDENT HANDBOOK
POSTGRADUATE STUDIES (RESEARCH) - SCHOOL OF INDUSTRIAL TECHNOLOGY

Academic Session 2025/2026

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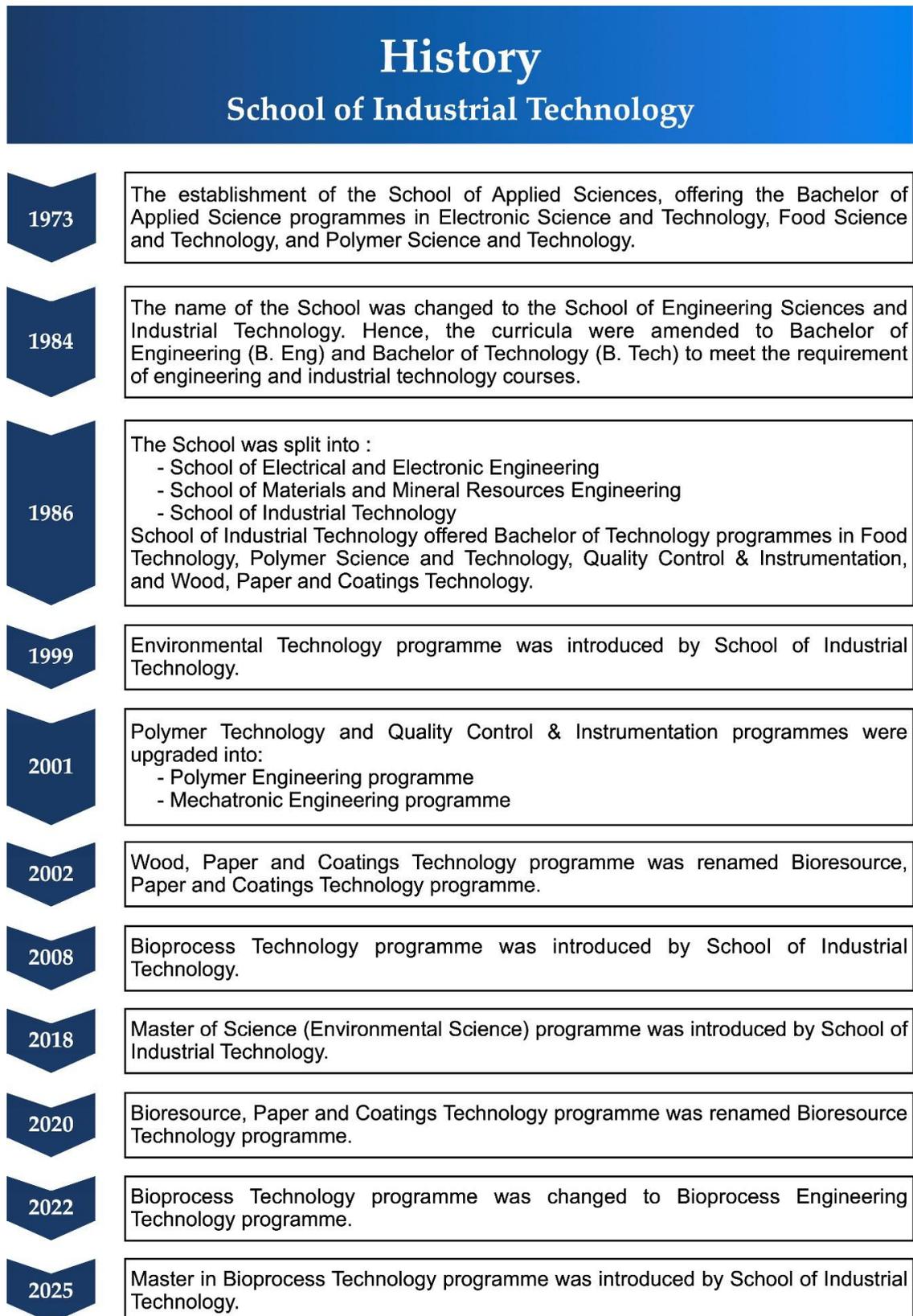
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INTRODUCTION

1.1 History



VISION AND MISSION

1.2 Vision and Mission of Universiti Sains Malaysia

The Vision

Transforming Higher Education for a Sustainable Tomorrow

The Mission

USM is a pioneering, transdisciplinary research intensive university that empowers future talents and enables the bottom billions to transform their socio-economic well-being

1.3 Vision and Mission of the School

The Vision

“World class centre in technological innovation for a sustainable tomorrow”

The Mission

1. To be the prime education provider of technologists that are competent, capable of independent thinking, possess communication and analytical skills and able to fulfil the needs in various industries and socio-economic development
2. To pursue cutting-edge research in the fields of Food Technology, Bioresource, Environment Technology and Bioprocess Engineering Technology
3. To contribute to the well-being of the community through sustainability-led dynamic transdisciplinary academic programmes, research innovation, teamwork and continuous improvement.

1.4 Thrust Areas

1. Food Technology and Sustainability
2. Industrial Biotechnology and Sustainable Bioprocessing
3. Materials and Sustainability
4. Environmental Science and Sustainability

1.5 PRINCIPAL OFFICERS - SCHOOL OF INDUSTRIAL TECHNOLOGY

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2.0 ACADEMIC SYSTEM AND GENERAL INFORMATION

2.1 ABOUT POSTGRADUATE BY RESEARCH

The Postgraduate by Research programme at the School of Industrial Technology, Universiti Sains Malaysia (USM) provides students with the opportunity to pursue in-depth and original investigations in areas related to industrial technology. Designed for individuals seeking to advance knowledge, foster innovation, and contribute meaningfully to their chosen field, this programme supports the development of research excellence through high-quality supervision and scholarly engagement. The school is committed to advancing industrial innovation and sustainable technological development by offering research-based postgraduate degrees at both the **Master of Science (MSc)** and **Doctor of Philosophy (PhD)** levels, across a range of specialized industrial disciplines.

The School of Industrial Technology offers the following research-based postgraduate degrees:

- 1. Doctor of Philosophy (PhD)**
A rigorous, independent research programme leading to a doctoral thesis that makes a significant and original contribution to the field.
- 2. Master of Science in Food Technology**
Research in food processing, food safety, functional foods, food microbiology, product development, and quality assurance.
- 3. Master of Science in Bioresource, Paper and Coatings Technology**
Focuses on bioresource utilization, pulp and paper technology, biocomposites, renewable materials, and functional coatings.
- 4. Master of Science in Environmental Technology**
Research areas include environmental management, waste treatment, pollution control, green technology, and sustainability assessment.
- 5. Master of Science in Bioprocess Technology**
Encompasses bioreactor design, fermentation technology, enzyme and microbial biotechnology, and bioproduct development.
- 6. Master of Science in Polymer Technology**
Emphasizes on polymer synthesis, coatings technology, polymer composites and biocomposites, polymer emulsions, UV curing of polymeric materials and modification of polymeric materials

Refer chapter 4.0 for details **Research Field & Specialisation** offered.

Postgraduate research programmes are structured primarily around independent research work, under the close supervision of academic staff with relevant expertise. Research students are expected to demonstrate intellectual independence, critical thinking, scientific rigour, and a high level of scholarly engagement throughout their candidature. Multidisciplinary and applied research are encouraged, aligning with national priorities and global challenges in sustainability, circular economy, and industrial innovation.

Website: <https://indtech.usm.my/index.php/admission/postgraduate>

2.2 GENERAL INFORMATION

The following general information is available on the Institute of Postgraduate Studies (USM) website:
<https://ips.usm.my/index.php/download/candidature>.

1. Registration
2. Fees
3. Duration of Candidature
4. Renewal of Registration and Course(s) Registration
5. Malaysian Culture and Malay Language (LKM111)
6. Research Methodology for Research Mode Students
7. Pre-Requisite Course(s)
8. Add/Drop of Courses
9. Postponement of Studies
10. Conversion of Status
11. Conversion of Degree Level
12. Extension of Candidature
13. Withdrawal from Programme
14. Change of Mode of Study
15. Termination of Candidature
16. Reactivation of Candidature
17. Preparation, Submission and Examination of Thesis for Research Mode Students
18. Plagiarism
19. Graduation Requirements
20. Graduation-in-Council
21. Student Support Services
22. Student Card (ID)
23. Dress Code

2.3 SCHOOL / PROGRAMME REQUIREMENTS

1. Research Methodology for Research Mode Students

This Research Methodology (EKC500) course is a pre-requisite course for graduation and compulsory to all research mode students starting from Semester II, Academic Session 2020/2021 intake and onward. Research mode students must Pass for this course as it is one of the graduation requirements.

The course must be taken by students in the first semester of registration. Students who registered after the 2nd week will have to register in the following semester. Registration of all pre-requisite courses (if applicable) must be done through Online Registration System (ORSPG) within the stipulated time for renewal of registration.

For registration and exemption process, please refer to IPS website

<https://ips.usm.my/index.php/current-student-v2/candidature-matters/research-mode-programme>

2. Graduation Requirements

Research Mode students must comply with the following graduation requirements:

- Fulfil the minimum duration of candidature,
- Pass the pre-requisite courses (if any) as determined by the School of Industrial Technology
- Must obtain minimum grade C for Malaysian Culture and Malay Language (LKM111). This course is compulsory for all international students,
- Must obtain minimum grade **≥C+** for the Research Methodology (EKC500) course,
- Fulfil the publication requirements as below:

CLUSTER	MASTER'S DEGREE	DOCTOR OF PHILOSOPHY
Sciences/ Engineering	At least one (1) article journal, accepted or published in journals/proceedings indexed by WoS / SCOPUS	One (1) article journal, accepted by or published in a journal indexed by WoS in Q1/Q2 OR At least two (2) articles journal accepted or published in journals indexed by WoS/SCOPUS
Authorship	Publications accepted must be published with the supervisor(s). The candidate must be the first student author. Only the first student author is allowed to use this article to fulfil his/her graduation requirement.	
Plagiarism	Plagiarised article will not be accepted for graduation requirements	
Topic of publications	Publications accepted must be related to his/her thesis/dissertation.	
Affiliation	Publications accepted must carry USM affiliation.	
Blacklisted journals	Publications in the following journals are NOT accepted: https://lib.usm.my/index.php/academics-researchers/scholarly-publishing-guide?view=article&id=293&catid=35	
Journal Verification	https://docs.google.com/forms/d/e/1FAIpQLSdZrgzlw5aHIN2HFw4FoddvntnkiliTVXDFZ6qNOsmuz8PokA/viewform	

3.0 POSTGRADUATE ACADEMIC PROGRAMME

3.1 DOCTOR OF PHILOSOPHY

Programme overview

The School of Industrial Technology offers PhD degrees by research in the fields of Food Technology, Bioresource, Paper & Coatings Technology, Polymer Technology, Environmental Technology and Bioprocess Technology. The objective of the programme is to provide candidates with the opportunity to further their studies and to achieve academic maturity via research that is beneficial and significant to the community at large. The academic staff have active and well-funded research programme and candidates can associate themselves with these projects as post graduate students attached to specific laboratories. The laboratories are well equipped with the latest analytical and processing equipment's to support the research programme.

Programme Educational Goal & Objectives (PEO)

The PhD's programme is designed to produce graduates who fulfil the following objectives:

- PEO 1: Capable of integrating concepts, theories, methods, and current knowledge to conduct high-quality research that benefits both the local and global community.
- PEO 2: Field experts who are skilled in critically and accurately analyzing problems and capable of exploring creative and innovative solutions using the latest digital platforms.
- PEO 3: Field experts who practice professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation.
- PEO 4: Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work.
- PEO 5: Capable of generating new knowledge through high-performance research and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation.

Programme Learning Outcomes (PLO)

At the end of the programme, students will be able to:

- PLO 1:** Integrate significant knowledge by using appropriate approaches to address current critical issues and generate original and impactful contributions to the relevant fields.
- PLO 2:** Critically analyze and synthesize new, complex, and abstract ideas and solve contemporary issues through advanced research methods to produce original contributions that meet international standards.
- PLO 3:** Develop original, complex, and specialised research methods and techniques to address emerging problems and create high-quality solutions in the relevant fields with minimal supervision.
- PLO 4:** Demonstrate the ability to collaborate cogently with various parties in carrying out research.

- PLO 5:** Present research findings, ideas, issues, and solutions clearly, confidently, and effectively to the research community, peers, and society.
- PLO 6:** Utilise digital technologies and appropriate software to support, enhance, and justify research findings.
- PLO 7:** Validate findings by using analysis that is appropriate to the research methods to ensure that conclusions are accurate and impactful.
- PLO 8:** Exhibit intellectual leadership qualities and skills in managing research and related resources.
- PLO 9:** Demonstrate commitment to lifelong learning and personal development in shaping future directions within the related field.
- PLO 10:** Apply entrepreneurial skills to identify opportunities and implement innovative projects in related research.
- PLO 11:** Comply with safety rules and instructions, ethics and professionalism, and sustainable practices as well as identify the related issues for research advancement in the field and their impact to society.

Website: <https://indtech.usm.my/index.php/admission>

1. Food Technology:
<https://indtech.usm.my/index.php/admission/postgraduate/food-technology>
2. Bioresource, Paper & Coatings Technology:
<https://indtech.usm.my/index.php/admission/postgraduate/bioresource-paper-and-coatings-technology>
3. Environmental Technology:
<https://indtech.usm.my/index.php/admission/postgraduate/environmental-technology>
4. Bioprocess Technology
<https://indtech.usm.my/index.php/admission/postgraduate/bioprocess-technology>
5. Polymer Technology:
<https://indtech.usm.my/index.php/admission/postgraduate/polymer-technology-by-research>

3.2 MASTER OF SCIENCE

3.2.1 FOOD TECHNOLOGY - MASTER OF SCIENCE IN FOOD TECHNOLOGY

Programme overview

This research programme is designed to nurture highly competent researchers in the field of food science and technology. The program aims to develop independent scientific thinking, advanced research skills, and innovative problem-solving capabilities among graduates who aspire to contribute meaningfully to academia, industry, and society. Candidates will benefit from the opportunity to engage in active and well-funded research programmes led by experienced academic staffs. Postgraduate students are encouraged to associate themselves with ongoing research projects and become attached to specific laboratories, where they will receive close mentorship and training. The faculty laboratories are equipped with analytical and processing instruments, providing comprehensive support for diverse food research activities. This enables candidates to acquire both in-depth theoretical knowledge and hands-on practical experience throughout their studies.

Postgraduate students in Food Technology may conduct specialisation research in the following areas:

- Food Analysis
- Food Chemistry
- Food Engineering
- Food Microbiology
- Food Processing & Preservation
- Food Safety
- Food Sciences
- Functional Food
- Nutrition
- Food Packaging

Website: <https://indtech.usm.my/index.php/admission/postgraduate/food-technology>

EDUCATIONAL OBJECTIVES (PEO)

- PEO1:** Capable of integrating concepts, theories, methods, and current knowledge to conduct quality research that benefits both the local and global community.
- PEO2:** Graduates who are skilled in analyzing problems critically and accurately and capable of exploring creative and innovative solutions through various modern digital platforms.
- PEO3:** Practicing professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation.
- PEO4:** Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work.
- PEO5:** Capable of exploring new knowledge and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation.

PROGRAMME LEARNING OUTCOMES (PLO)

- PLO1:** Demonstrate in-depth and frontier knowledge in the related field.
- PLO2:** Apply knowledge critically and integratively to manage and solve complex problems using various techniques, tools or skills for the purpose of producing new ideas or innovative solutions.
- PLO3:** Demonstrate effective and innovative research skills by utilizing specialized research methods and the latest investigative techniques in the relevant field with minimal supervision.
- PLO4:** Demonstrate the ability to collaborate with various parties in carrying out the research.
- PLO5:** Present knowledge, skills, ideas, and research findings clearly using appropriate methods to various parties.
- PLO6:** Utilize appropriate digital technology and software to analyze and enhance research findings.
- PLO7:** Use appropriate methods to analyze and evaluate data for the purpose of solving problems.
- PLO8:** Demonstrate leadership qualities and be responsible when collaborating with others in managing research.
- PLO9:** Demonstrate commitment to lifelong learning and personal development in the relevant field.
- PLO10:** Apply entrepreneurial skills to identify opportunities and implement projects related to the field of research.
- PLO11:** Comply with safety rules and instructions, and demonstrate principles, professionalism, ethics, and sustainable practices in conducting research.

3.2.2 BIORESOURCE TECHNOLOGY - MASTER OF SCIENCE IN BIORESOURCE, PAPER AND COATINGS TECHNOLOGY

Programme overview

The research programme in Bioresource, Paper and Coatings Technology is an interdisciplinary initiative that explores the sustainable utilisation of bio-based resources for the development of advanced materials, innovative industrial processes, and environmentally friendly technologies. This programme is rooted in addressing global challenges related to resource efficiency to benefit the area of Bioresource, Paper and Coatings Technology.

The programme integrates fundamental research and applied science across five key specialisation areas (but not limited to):

- Advanced Cellulose-Based Materials
- Biomass Product and Process Technology
- Coatings Technology
- Polymer Composites and Bio Composites
- Pulp and Paper Technology

We also welcome original research proposals that align with the programme's commitment to sustainability and innovation. Throughout your postgraduate journey, you will develop advanced research skills, culminating in a written thesis and a Viva Voce (oral defence). This programme prepares you to contribute meaningfully to academia, industry, or environmental advancement.

Website: <https://indtech.usm.my/index.php/admission/postgraduate/bioresource-paper-and-coatings-technology>

EDUCATIONAL OBJECTIVES (PEO)

- PEO1:** Capable of integrating concepts, theories, methods, and current knowledge to conduct quality research that benefits both the local and global community.
- PEO2:** Graduates who are skilled in analyzing problems critically and accurately and capable of exploring creative and innovative solutions through various modern digital platforms.
- PEO3:** Practicing professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation.
- PEO4:** Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work.
- PEO5:** Capable of exploring new knowledge and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation.

PROGRAMME LEARNING OUTCOMES (PLO)

- PLO1:** Demonstrate in-depth and frontier knowledge in the related field.
- PLO2:** Apply knowledge critically and integratively to manage and solve complex problems using various techniques, tools or skills for the purpose of producing new ideas or innovative solutions.
- PLO3:** Demonstrate effective and innovative research skills by utilizing specialized research methods and the latest investigative techniques in the relevant field with minimal supervision.
- PLO4:** Demonstrate the ability to collaborate with various parties in carrying out the research.
- PLO5:** Present knowledge, skills, ideas, and research findings clearly using appropriate methods to various parties.
- PLO6:** Utilize appropriate digital technology and software to analyze and enhance research findings.
- PLO7:** Use appropriate methods to analyze and evaluate data for the purpose of solving problems.
- PLO8:** Demonstrate leadership qualities and be responsible when collaborating with others in managing research.
- PLO9:** Demonstrate commitment to lifelong learning and personal development in the relevant field.
- PLO10:** Apply entrepreneurial skills to identify opportunities and implement projects related to the field of research.
- PLO11:** Comply with safety rules and instructions, and demonstrate principles, professionalism, ethics, and sustainable practices in conducting research.

3.2.3 ENVIRONMENTAL TECHNOLOGY - MASTER OF SCIENCE IN ENVIRONMENTAL TECHNOLOGY

Programme overview

Environmental Technology research at USM is dedicated to understanding and solving pressing environmental challenges through science, innovation, and sustainable solutions. Our research covers a broad spectrum, including pollution control, waste management, water and air quality, renewable energy, climate change adaptation, and environmental monitoring technologies. By integrating environmental science with engineering and policy, we aim to develop technologies and strategies that promote environmental protection, resource efficiency, and sustainable development. Through partnerships with industry, government, and communities, our research supports evidence-based decision-making and contributes to a cleaner, healthier, and more resilient environment.

The postgraduate student in Environmental Technology research specialisation can conduct research in the following areas, but not limited to:

- Atmospheric Sciences
- Ecology
- Environmental Chemistry
- Environmental Technology and Management
- Geosciences

Website: <https://indtech.usm.my/index.php/admission/postgraduate/environmental-technology>

EDUCATIONAL OBJECTIVES (PEO)

- PEO1:** Capable of integrating concepts, theories, methods, and current knowledge to conduct quality research that benefits both the local and global community.
- PEO2:** Graduates who are skilled in analyzing problems critically and accurately and capable of exploring creative and innovative solutions through various modern digital platforms.
- PEO3:** Practicing professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation.
- PEO4:** Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work.
- PEO5:** Capable of exploring new knowledge and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation.

PROGRAMME LEARNING OUTCOMES (PLO)

- PLO1:** Demonstrate in-depth and frontier knowledge in the related field.
- PLO2:** Apply knowledge critically and integratively to manage and solve complex problems using various techniques, tools or skills for the purpose of producing new ideas or innovative solutions.
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- PLO8:** Demonstrate leadership qualities and be responsible when collaborating with others in managing research.
- PLO9:** Demonstrate commitment to lifelong learning and personal development in the relevant field.
- PLO10:** Apply entrepreneurial skills to identify opportunities and implement projects related to the field of research.
- PLO11:** Comply with safety rules and instructions, and demonstrate principles, professionalism, ethics, and sustainable practices in conducting research.

3.2.4 BIOPROCESS TECHNOLOGY - MASTER OF SCIENCE IN BIOPROCESS TECHNOLOGY

Programme overview

Master's (1-3 years) in Bioprocess Technology research mode programme is designed to develop bioprocessing related scientific and analytical skills for a professional career in the government or private sectors. It is an interdisciplinary programme that combines the natural and applied sciences within a technology-based multidisciplinary framework. The postgraduate student in the Bioprocess Technology specialisation can conduct research in the following areas, but not limited to:

- Biochemistry / Metabolite Technology
- Bioprocess Technology
- Enzymology / Enzyme Technology / Biocatalyst
- Fermentation Technology
- Food / Nutraceutical Bioprocess Technology
- Pharmaceutical Bioprocess Technology
- Process Automation and Biosensor
- Waste Treatment Through Bioprocess Technology

The postgraduate student may suggest their own preferred research topic. At the end of the research, the students will write a thesis and defend it in the Viva Voce. Earning a postgraduate degree significantly broadens the career prospects such as quality control technologist, consultant, academician, and product manager across various fields, including sciences, engineering, and technology.

Website: <https://indtech.usm.my/index.php/admission/postgraduate/bioprocess-technology>

EDUCATIONAL OBJECTIVES (PEO)

- PEO1:** Capable of integrating concepts, theories, methods, and current knowledge to conduct quality research that benefits both the local and global community.
- PEO2:** Graduates who are skilled in analyzing problems critically and accurately and capable of exploring creative and innovative solutions through various modern digital platforms.
- PEO3:** Practicing professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation.
- PEO4:** Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work.
- PEO5:** Capable of exploring new knowledge and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation.

PROGRAMME LEARNING OUTCOMES (PLO)

- PLO1:** Demonstrate in-depth and frontier knowledge in the related field.
- PLO2:** Apply knowledge critically and integratively to manage and solve complex problems using various techniques, tools or skills for the purpose of producing new ideas or innovative solutions.
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3.2.5 BIORESOURCE TECHNOLOGY - MASTER OF SCIENCE IN POLYMER TECHNOLOGY

Programme overview

The research programme in Polymer Technology is an advanced, inquiry-driven initiative aimed at addressing contemporary challenges and exploring innovation in polymer science and technology. The programme is designed for postgraduate students, researchers, and industry professionals seeking to contribute original research in the development, processing, and application of polymeric materials.

With an interdisciplinary approach that integrates chemistry, physics, materials science, and engineering, the programme provides a dynamic environment for fundamental and applied research. It supports both theoretical investigations and experimental methodologies, emphasizing industrial relevance, sustainability, and technological advancement.

The programme is structured around six strategic specialisation areas (but not limited to), each aligned with current scientific trends and industrial demands.

- Polymer synthesis
- Coatings technology
- Polymer composites and bio composites
- Polymer emulsions
- UV curing of polymeric materials
- Modification of polymeric materials

Have a unique idea? You're encouraged to propose your own research topic that aligns with your interests and career goals.

Website: <https://indtech.usm.my/index.php/admission/postgraduate/polymer-technology-by-research>

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

- PEO1:** Capable of integrating concepts, theories, methods, and current knowledge to conduct quality research that benefits both the local and global community.
- PEO2:** Graduates who are skilled in analyzing problems critically and accurately and capable of exploring creative and innovative solutions through various modern digital platforms.
- PEO3:** Practicing professional, sustainable, and ethical values in fulfilling responsibilities to employers, society, and the nation.
- PEO4:** Possess effective and confident communication skills in conveying knowledge orally and in writing and be able to apply entrepreneurial mindsets and skills in research work.
- PEO5:** Capable of exploring new knowledge and cross-disciplinary collaboration that impacts the socio-economic development and sustainability of society and the nation.

PROGRAMME LEARNING OUTCOMES (PLO)

- PLO1:** Demonstrate in-depth and frontier knowledge in the related field.
- PLO2:** Apply knowledge critically and integratively to manage and solve complex problems using various techniques, tools or skills for the purpose of producing new ideas or innovative solutions.
- PLO3:** Demonstrate effective and innovative research skills by utilizing specialized research methods and the latest investigative techniques in the relevant field with minimal supervision.
- PLO4:** Demonstrate the ability to collaborate with various parties in carrying out the research.
- PLO5:** Present knowledge, skills, ideas, and research findings clearly using appropriate methods to various parties.
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- PLO7:** Use appropriate methods to analyze and evaluate data for the purpose of solving problems.
- PLO8:** Demonstrate leadership qualities and be responsible when collaborating with others in managing research.
- PLO9:** Demonstrate commitment to lifelong learning and personal development in the relevant field.
- PLO10:** Apply entrepreneurial skills to identify opportunities and implement projects related to the field of research.
- PLO11:** Comply with safety rules and instructions, and demonstrate principles, professionalism, ethics, and sustainable practices in conducting research.

4.0 RESEARCH FIELD & SPECIALISATION

Field Code	Title	Specialization Code	Title
TEC01	Food Technology	01	Food Sciences
		02	Food Processing & Preservation
		07	Nutrition
		08	Food Chemistry
		09	Food Safety
		10	Functional Food
		11	Food Microbiology
		12	Food Packaging
		13	Food Analysis
		14	Food Engineering
TEC02	Bioresource, Paper & Coatings Technology	05	Natural Fibre Filled / Reinforced Polymer Composites
		07	Chemical Modification of Bioresource
		08	Environmentally Friendly Pulping / Alternative Pulping Technology
		09	Polymer Chemistry and Resin Technology
		10	Pigment And Dyes
		11	Surface Coatings Technology
		12	Adhesives Science and Technology
		13	Biomass Processing and Applications
		14	Nanofiber and Nanocellulose Sciences and Technologies
		16	Radiation Curing Technology
		17	Environmentally Sustainable Pulp Bleaching Technology
		19	Cellulose Derivatives
		23	Paper Recycling / Paper Technology
		24	Polymer Emulsion
		25	Analytics and Biomass Management
		26	Bioresource Durability, Degradability and Protection
		27	Green Materials / Green Composite / Additive Manufacturing
		29	Biocomposites / Hybrid Biocomposites / Nano Biocomposites
		30	Adhesives Science and Technology
		31	Biomass Sciences and Technology
32	Bioresource based Products and Design		
33	Biomaterials/ Biopolymer/ Hydrogel/ Aerogel/Xerogel/Cryogel		
34	Phytochemistry and Application		
35	Circularity/ Circular Economy/ Bioeconomy		
36	Organic/ Inorganic Nanomaterials		
TEC03	Environmental Technology	01	Environmental Technology
		02	Chemical Process Technology
		05	Supercritical Fluid Technology
		06	Liquid Membrane Separations Technology
		07	Environmental Auditing

Field Code	Title	Specialization Code	Title
		08	Environmental Management
		09	Environmental Regulations and Compliance
		10	Environmental Modeling
		11	Environmental Engineering Operations
		13	Energy Recovery Technology
		14	Risk Assessment & Management
		15	Energy Audit & Management
		16	Fate of Pollutant in Environment
		17	Environmental Atmospheric Boundary Layer & Urban air pollution
		18	Wind Energy Technology
		19	Environmental Pollution Control
		20	Atmospheric Physics
		21	Atmospheric Chemistry
		22	Ecological Process
		23	Ecosystem Services
		24	Environmental Microbiology
		25	Environmental Forensics
		26	Stable Isotope Fingerprinting
		27	Clean Technology
		28	Occupational Safety and Health
		29	Solid Waste Treatment and Management
		30	Waste and Wastewater Treatment and Management
		31	Environmental Monitoring and Assessment
		32	Hydrogeology and Watershed Management
		33	Indoor Environmental Quality
		34	Renewable and Sustainable Energy Technologies
TEC04	Bioprocess Technology	01	Bioprocess Technology
		06	Enzymology / Enzyme Technology / Biocatalysis
		07	Fermentation Technology
		09	Pharmaceutical Bioprocess Technology
		10	Biochemical / Metabolite Technology
		11	Process Control / Automation
		12	Food / Nutraceutical Bioprocess Technology
		15	Process Automation and Biosensor
		16	Agriculture Bioprocess Technology
		17	Waste Treatment Through Bioprocess Technology
TEC05	Quality Control & Instrumentation	02	Total Quality Management Instrumentation
		03	Sensor Integration & Industrial Automation

5.0 EXPERTISE

1. Food Technology

NO.	NAME	EXPERTISE
1	Professor Dato' Ts. Dr. Azhar Mat Easa	<ul style="list-style-type: none"> ❖ Engineering Properties of Food and Biological Materials ❖ Functional Food ❖ Nutritional Product Development ❖ Education and Extension in Food Sciences and Nutrition ❖ Management Issues in Food Sciences and Nutrition <p>USM Experts: https://experts.usm.my/cvitaee/azhar</p>
2.	Associate Professor Dr. Cheng Lai Hoong	<ul style="list-style-type: none"> ❖ Food Analysis ❖ Food Preservation Technology <p>USM Experts: https://experts.usm.my/cvitaee/lhcheng</p>
3.	Associate Professor Dr. Lee Lai Kuan	<ul style="list-style-type: none"> ❖ Fish Nutrition Aquaculture Feed and Nutrition ❖ Nutrition and Diseases ❖ Nutraceutical Healing <p>USM Experts: https://experts.usm.my/cvitaee/l.k.lee</p>
4.	Associate Professor Dr. Tan Thuan Chew	<ul style="list-style-type: none"> ❖ Food Chemistry <p>USM Experts: https://experts.usm.my/cvitaee/thuanchew</p>
5.	Associate Professor Dr. Uthumporn Utra @ Sapina Abdullah	<ul style="list-style-type: none"> ❖ Food Analysis ❖ Product Development <p>USM Experts: https://experts.usm.my/cvitaee/sapina</p>
6.	Dr. Abdorreza Mohammadi Nafchi	<ul style="list-style-type: none"> ❖ Textural, rheological and thermal properties of foods ❖ Bionanocomposites and smart packaging ❖ Food plant layout ❖ Simulation and optimization of food processing lines <p>USM Experts: https://experts.usm.my/cvitaee/amohammadi</p>
7.	Dr. Effarizah Mohd Esah	<ul style="list-style-type: none"> ❖ Bacteriology ❖ Food Microbiology ❖ Food Quality, Safety, Security and Risk Assessment <p>USM Experts: https://experts.usm.my/cvitaee/effarizah</p>
8.	Dr. Hayati Samsudin	<ul style="list-style-type: none"> ❖ Packaging and Handling Technology ❖ Packaging and Materials Technology ❖ Food Packaging and Handling Technology ❖ Thermal and Non-Thermal Food Safety Technology <p>USM Experts: https://experts.usm.my/cvitaee/hayatis</p>
9.	Dr. Maizura Murad	<ul style="list-style-type: none"> ❖ Food Sensory Evaluation ❖ Food Processing <p>USM Experts: https://experts.usm.my/cvitaee/maizura</p>
10.	Dr. Musfirah Zulkurnain	<ul style="list-style-type: none"> ❖ Thermal and Non-Thermal Food Processing Technology <p>USM Experts: https://experts.usm.my/cvitaee/musfirah.z</p>

NO.	NAME	EXPERTISE
11.	Dr. Nor Shariffa Yussof	<ul style="list-style-type: none"> ❖ Food Chemistry ❖ Nano Delivery <p>USM Experts: https://experts.usm.my/cvitaen/shariffa</p>
12.	Dr. Norazatul Hanim Mohd Rozalli	<ul style="list-style-type: none"> ❖ Food Nanotechnology ❖ Food Engineering Unit Operations <p>USM Experts: https://experts.usm.my/cvitaen/norazatulhanim</p>
13.	Dr. Norlia Mahror	<ul style="list-style-type: none"> ❖ Mycology ❖ Food Microbiology ❖ Food Quality, Safety, Security and Risk Assessment <p>USM Experts: https://experts.usm.my/cvitaen/norlia.mahror</p>
14.	Dr. Syahariza Zainul Abidin	<ul style="list-style-type: none"> ❖ Food Analysis ❖ Food Chemistry <p>USM Experts: https://experts.usm.my/cvitaen/syahariza</p>

2. Bioresource Technology

NO.	NAME	EXPERTISE
1	Professor Datuk Ts. Dr. Abdul Khalil Shawkataly	<ul style="list-style-type: none"> ❖ Cellulosic and Fibre Technology ❖ Biocomposite ❖ Biomaterial ❖ Composite Materials ❖ Biopolymers <p>USM Experts: https://experts.usm.my/cvitaen/akhalil</p>
2.	Dr. Arniza Ghazali	<ul style="list-style-type: none"> ❖ Agro Waste ❖ Instrumental Chemistry ❖ Nanoscale Characterisation ❖ Circular Economy ❖ Network Enabler for Knowledge and Innovation <p>USM Experts: https://experts.usm.my/cvitaen/arniza</p>
3.	Ts. Dr. Azniwati Abd Aziz	<ul style="list-style-type: none"> ❖ Polymerisation Process ❖ Polymers ❖ Colloid Chemistry ❖ Surface Chemistry ❖ Coating <p>USM Experts: https://experts.usm.my/cvitaen/azniwati</p>
4.	Dr. Faheem Ullah	<ul style="list-style-type: none"> ❖ Biopolymer Chemistry ❖ Hydrogel Technology ❖ Controlled Drug Delivery ❖ Nanomedicine ❖ 3-D Bioprinting ❖ Skin-issue Engineering <p>USM Experts: https://experts.usm.my/cvitaen/faheem</p>
5.	Dr. Kushairi Mohd Salleh	<ul style="list-style-type: none"> ❖ Adhesives ❖ Soft and Brittle Materials ❖ Biopolymers Membranes Thermoplastics <p>USM Experts: https://experts.usm.my/cvitaen/kmsalleh</p>

NO.	NAME	EXPERTISE
6.	Associate Professor Dr. Leh Cheu Peng	<ul style="list-style-type: none"> ❖ Biomass Fuel and Energy ❖ Fundamental of Wood Properties, Utilisation of Wood and Wood-Based Materials ❖ Environmental-Friendly Products and Technologies ❖ Production Process Technology ❖ Biomass Energy Technology <p>USM Experts: https://experts.usm.my/cvitaecpleh</p>
7.	Associate Professor Dr. Mohamad Haafiz Mohamad Kassim	<ul style="list-style-type: none"> ❖ Biomass Products ❖ Biocomposites and Hybrid Composites ❖ Biopolymers and Biodegradables ❖ Cellulosic and Fibre Technology ❖ Separation Process <p>USM Experts: https://experts.usm.my/cvitaemhaafiz</p>
8.	Ts. Chm. Dr. Mohamad Shazeli Che Zain	<ul style="list-style-type: none"> ❖ Herbal Products ❖ Bioactive and Phenolic Compound ❖ Biopolymers and Biodegradables ❖ Drug Discovery ❖ Extraction Technology <p>USM Experts: https://experts.usm.my/cvitaeshazeli</p>
9.	Dr. Mohd Nurazzi Norizan	<ul style="list-style-type: none"> ❖ Polymer Composites ❖ Material Performance <p>USM Experts: https://experts.usm.my/cvitaemohd.nurazzi</p>
10.	Dr. Nur Izzaati Saharudin	<ul style="list-style-type: none"> ❖ Bamboo and Rattans ❖ Wood Processing ❖ Plantation Forests ❖ Engineered Timber and Composite ❖ Oil and Adhesives <p>USM Experts: https://experts.usm.my/cvitaenurizzaati</p>
11.	Associate Professor Ts. Dr. Nurul Fazita Mohammad Rawi	<ul style="list-style-type: none"> ❖ Material Processing Technology ❖ Biopolymers ❖ Polymer Composites ❖ Composite Materials ❖ Nano Materials <p>USM Experts: https://experts.usm.my/cvitaefazita</p>
12.	Dr. Sumarni Mansur	<ul style="list-style-type: none"> ❖ Water and Wastewater Treatment ❖ Technology Biocompatible Materials Membranes ❖ Composite Materials <p>USM Experts: https://experts.usm.my/cvitaesumar ni90</p>
13.	Associate Professor Dr. Tay Guan Seng	<ul style="list-style-type: none"> ❖ Biomass Products ❖ Tobacco Leaf and Kenaf ❖ Wood and Non Wood-Based Forest Products ❖ Biocomposite ❖ Biomaterial <p>USM Experts: https://experts.usm.my/cvitaetaygs</p>

3. Environmental Technology

No.	Name	Research Field/ Specialization and Expertise
1	Professor Ts. Dr. Norli Ismail	<ol style="list-style-type: none"> 1. Water and wastewater treatment 2. Solid waste treatment technology 3. Solid waste management <p>USM Expert: https://experts.usm.my/cvitae/norlii</p>
2	Associate Professor Dr. Yusri Yusup	<ol style="list-style-type: none"> 1. Numerical weather prediction 2. Boundary-layer meteorology 3. Air-sea interaction 4. Artificial intelligence <p>USM Expert: https://experts.usm.my/cvitae/yusriy</p>
3	Associate Professor Dr. Mardiana Idayu Ahmad	<ol style="list-style-type: none"> 1. Renewable and sustainable energy technologies 2. Bio-based micro and nanotechnology/materials for pollution control 3. Environmental and energy management 4. Indoor environmental quality <p>USM Expert: https://experts.usm.my/cvitae/mardianaidayu</p>
4	Associate Professor Dr. Japareng Lalung	<ol style="list-style-type: none"> 1. Environmental microbiology <p>USM Expert: https://experts.usm.my/cvitae/japareng</p>
5	Associate Professor Ts. Dr. Syahidah Akmal Muhammad	<ol style="list-style-type: none"> 1. Source apportionment of environmental pollutants using stable isotope fingerprinting 2. Chemical fingerprinting in forensic applications 3. Environmental monitoring of organic contaminants <p>USM Expert: https://experts.usm.my/cvitae/syahidah.muhammad</p>
6	Associate Professor Dr. Muhammad Izzuddin Syakir Ishak	<ol style="list-style-type: none"> 1. Environmental isotopes, 2. Green material technology for watershed management. <p>USM Expert: https://experts.usm.my/cvitae/misyakir</p>
7	Associate Professor Dr Mohd Hafiidz Jaafar	<ol style="list-style-type: none"> 1. Occupational safety and health. <p>USM Expert: https://experts.usm.my/cvitae/mhafiidz</p>
8	Associate Professor Dr. Mohamad Anuar Kamaruddin	<ol style="list-style-type: none"> 1. Solid waste characteristics study 2. Water quality 3. Environmental management 4. Landfill technology 5. Waste diversion <p>USM Expert: https://experts.usm.my/cvitae/anuarkamaruddin</p>
9	Ts. Dr Harlina Ahmad	<ol style="list-style-type: none"> 1. Environmental engineering, monitoring and assessment <p>USM Expert: https://experts.usm.my/cvitae/harlinaa</p>
10	Dr. Khozema Ahmed Ali	<ol style="list-style-type: none"> 1. Catalysis 2. Reaction engineering 3. Air pollution monitoring and control 4. Nanotechnology <p>USM Expert: https://experts.usm.my/cvitae/khozema</p>
11	Dr. Mark Harris Zuknik	<ol style="list-style-type: none"> 1. Supercritical carbon dioxide extraction <p>USM Expert: https://experts.usm.my/cvitae/zuknik</p>

No.	Name	Research Field/ Specialization and Expertise
12	Dr. Mohd Saiful Samsudin	<ol style="list-style-type: none"> 1. Environmental analysis and modelling 2. Environmental monitoring and assessment 3. Environmental toxicology <p>USM Expert: https://experts.usm.my/cvitae/saifulsamsudin</p>
13	Ts. Dr. Norhaniza Amil	<ol style="list-style-type: none"> 1. Particulate matter (PM) characterization 2. Chemical composition and particle number distribution 3. Source apportionment of atmospheric aerosol 4. Atmospheric pollution and human health 5. Occupational safety and health <p>USM Expert: https://experts.usm.my/cvitae/norhaniza_amil</p>
14	Dr. Widad Fadhullah	<ol style="list-style-type: none"> 1. Isotope ecology 2. Ecological risk assessments <p>USM Expert: https://experts.usm.my/cvitae/widad</p>
15	Dr. Santhana Krishnan	<ol style="list-style-type: none"> 1. Biogas 2. Bioconversion 3. Fermentation 4. Wastewater <p>USM Expert: https://experts.usm.my/cvitae/santhanakc</p>

4. Bioprocess Technology

NO.	NAME	EXPERTISE
1	Professor Dr. Liong Min Tze	<ol style="list-style-type: none"> 1. Fermentation Technology 2. Functional Food 3. Food Processing Plant and Machinery Design 4. Food Microbiology 5. Clinical Nutrition <p>USM Expert: https://experts.usm.my/cvitae/mintze.liong</p>
2	Associate Professor Ir. Dr. Husnul Azan Tajarudin	<ol style="list-style-type: none"> 1. Biofeedstocks 2. Bioprocess Design 3. Downstream Processing 4. Factory Environment <p>USM Expert: https://experts.usm.my/cvitae/azan</p>
3	Associate Professor Dr. Lee Chee Keong	<ol style="list-style-type: none"> 1. Biological Macromolecules 2. Waste Valorisation 3. Biocatalyst and Enzyme Technology 4. Bioplastic Technology 5. Fermentation Technology <p>USM Expert: https://experts.usm.my/cvitae/cklee</p>
4	Associate Professor Dr. Tan Joo Shun	<ol style="list-style-type: none"> 1. Fermentation Technology 2. Bioreactor Food Fermentation 3. Functional Food Technology 4. Next Generation Food 5. Bioprocess Technologies <p>USM Expert: https://experts.usm.my/cvitae/jooshun</p>

NO.	NAME	EXPERTISE
5	Ts. Dr. Ana Masara Ahmad Mokhtar	<ol style="list-style-type: none"> 1. Biochemical Genetics 2. Tumor Biology and Immunology 3. Cancer Cell Biology <p>USM Expert: https://experts.usm.my/cvitaе/anamasara</p>
6	Dr. Mohamad Hafizi Abu Bakar	<ol style="list-style-type: none"> 1. Cell Culture Technology 2. Biopharmaceuticals 3. Cell Biology 4. Molecular Pharmacology 5. Metabolomics <p>USM Expert: https://experts.usm.my/cvitaе/mhafizi88</p>
7	Dr. Mohd Asyraf Kassim	<ol style="list-style-type: none"> 1. Environmental Microbiology 2. Industrial Microbiology 3. Phycoremediation 4. Biomass Energy Technology 5. Bioremediation, Bioconversion and Biodegradation <p>USM Expert: https://experts.usm.my/cvitaе/asyrafkassim</p>
8	Dr. Muaz Mohd Zaini Makhtar	<ol style="list-style-type: none"> 1. Bioconversion 2. Biofuel 3. Bioremediation 4. Bioprocess Engineering 5. Biomass Energy Technology <p>USM Expert: https://experts.usm.my/cvitaе/muazzaini</p>
9	Dr. Noor Aziah Serri	<ol style="list-style-type: none"> 1. Biochemical Process 2. Biocatalyst and Enzyme Technology 3. Bioprocess Technologies <p>USM Expert: https://experts.usm.my/cvitaе/aziah_serri</p>
10	Dr. Nor Hawani Salikin	<ol style="list-style-type: none"> 1. Cloning and Genetic Engineering 2. Marine Microbiology 3. Industrial Microbiology 4. Agricultural Microbiology <p>USM Expert: https://experts.usm.my/cvitaе/norhawani</p>
11	Dr. Noreen Suliani Mat Nanyan	<ol style="list-style-type: none"> 1. Gene Isolation 2. Gene Transformation 3. Microbial Technology 4. Nucleic Acids 5. Proteins <p>USM Expert: https://experts.usm.my/cvitaе/noreen_nanyan</p>
12	Ts. Dr. Siti Baidurah Yusoff	<ol style="list-style-type: none"> 1. Biofeedstocks 2. Biofuel 3. Bioplastic 4. Fermentation Technology 5. Biodegradable Packaging <p>USM Expert: https://experts.usm.my/cvitaе/sitibaidurah</p>
13	Dr. Siti Balqis Zulfigar	<ol style="list-style-type: none"> 1. Proteomics 2. Biocatalyst 3. Downstream Processing 4. Enzyme Technology <p>USM Expert: https://experts.usm.my/cvitaе/balqiszulfigar</p>

NO.	NAME	EXPERTISE
14	Dr. Wan Zafira Ezza Wan Zakaria	1. Statistical Computing 2. Computer-Aided Geometric Design (CAGD) 3. Calculus USM Expert: https://experts.usm.my/cvitae/ezzafira

6.0 FACILITIES

6.1 Laboratory Facilities

No.	Laboratory No.	Laboratory Name	Person in-charge
1	019	Food Processing Lab	Mohd. Firdaus
2	031	Paper Processing Lab	Mazlan
3	042	Unit Operations Lab	Noraida/Alfenddi / Jeffiz
4	056	Furniture Workshop	Basrul
5	114	CAI/Computer Lab	Muhammad Khairi
6	137	Food Technology Equipment Lab	Abdul Rahim
7	A203	Microbial Agent and Strain Improvement (MASI) Lab	Najmah
8	A204	Bioanalysis and Biocatalysis (BB) Lab	Azmaizan
9	206	Microbiology Lab	Abdul Ghoni
10	233	Food Biochemistry Lab	Abdul Rahim
11	243	Liquid Chromatography Lab	Abdul Rahim/ Norita
12	250	Food Sensory Analysis Lab	Najmah
13	255	Food Analysis Lab	Norita
14	262	Water Analysis Lab 1	Noraida/Alfenddi
15	306	Bioresource Lab 1	Azhar
16	340	Coating Lab 1	Shamsul
17	352	Paper Lab 1	Noorhasni/Mazlan

6.2 Laboratory Support Facility

No.	Laboratory No.	Laboratory Name	Service	Person in-charge
1	048	Centre of Technical Facility	Maintenance/Repair	Zahidil Aswad
2	056	Furniture Workshop	Furniture workshop	Basrul
3	172	Lab Management Office	Service	Jeffiz Ezuer/Mohd Syukri

6.3 Computer Laboratory and Research Laboratory

No.	Laboratory No.	Laboratory Name	Purpose	Person in-charge
1	025	Food Processing Lab	Teaching and Research	Mohd. Firdaus
2	031B	Mechanical Test Lab	Teaching and Research	Munir
3	031C	Mechanical Test Lab	Research	Munir
4	114	CAI/Computer Lab	Teaching and Computing Facility	Muhammad Khairi
5	119	Microbiology Lab	PG Research	Alfenddi
6	131	Super Critical & Special Instrument	PG Research	Alfenddi
7	133	Environmental Technology Research Lab	Research	Alfenddi
8	137	Food Technology Equipment Lab	Teaching and Research	Abdul Rahim
9	140	Vermitech Lab	Research	Jeffiz

No.	Laboratory No.	Laboratory Name	Purpose	Person in-charge
10	144	Sewage Lab	Research	Jeffiz
11	148	Environmental Technology Lab	Research	Jeffiz
12	154	Env.Tech Instrumental Lab	PG Research	Mohd Syukri
13	210	Food Technology Research Lab I	PG Research	Abdul Ghoni
14	215	Food Technology Research Lab II	PG Research	Abdul Ghoni
15	225	Food Technology Research Lab III	PG Research	Norita
16	225A	Spectroscopy Lab	Elemental Analysis Lab	Khairul Azhar
17	229	Paper Research Lab	PG Research	Mazlan
18	232	Food Technology Research Lab I	PG Research	Abdul Rahim
19	243	Liquid Chromatography Lab	Teaching and Research	Abdul Rahim/ Norita/ Azmaizan
20	307	Density Profiler Lab	Teaching and Research	Mohd Syukri
21	308	Bioresource Lab 1	Teaching and Research	Azhar
22	317	Paper Lab 2	Teaching and Research	Noorhasni
23	320	BPC Research Lab I	PG Research	Azhar
24	329	Ibn Hayyan Lab	Research	Khairul Azhar
25	331	Coating Lab 3	PG Research	Shamsul
26	333	Coating Lab 2	Thermal Analysis Lab	Noraida
27	337	UV Machine Lab	PG Research	Noraida
28	345	BPC Research Lab II	PG Research	Shamsul
29	348	Lignocellulosic Polymer Composite Lab	PG Research	Shamsul
30	350	Weather Station Lab	PG Research	Noraida
31	352	Paper Lab 1	Teaching and Research	Noorhasni
32	A001	Pilot Scale Lab	PG Research	Azmaizan
33	A202	Bioprocess Technology Lab	Teaching and Research	Azmaizan/Najmah
34	A307	PRHONE Research Lab	PG Research	Najmah
35	A309	Integrated Bioprocessing Research Lab	PG Research	Azmaizan
36	A407a	Fermentation, Microbiology, Microalgae, Enzyme (FeMEs) Lab	PG Research	Azmaizan
37	A408a	ProCeDa Lab	PG Research	Najmah
38	A409a	Bioprocess Technology Lab	Research/Instrument	Najmah

- Undergraduate students will have practical classes and final year research projects in laboratories assigned as teaching and research laboratories
- PG research laboratories are dedicated to postgraduate students.

6.4 Centralized Laboratory

No.	Laboratory No.	Laboratory Name	Purpose	Officer In- Charge
1	047	Microscope Laboratory	Teaching and Research	Munir & Mohd Syukri
2	225A	Elemental Analysis Laboratory	Teaching and Research	Khairul Azhar/ Mohd Syukri
3	243	Liquid Chromatography Laboratory	Teaching and Research	Azmaizan
4	329	Gas Chromatography Laboratory	Teaching and Research	Khairul Azhar/ Mohd Syukri
5	333	Thermal Analysis Laboratory	Teaching and Research	Noraida / Shamsul

6.5 Other Facilities

In addition, the school also provides the following facilities:

- A Student Corner at the School foyer
- Muslim Prayer Rooms (Surau) (Room 302A/B/ A607)
- A Seminar Room (Room 171)
- Conference Room (Ground floor of the School)
- Cuckoo Water Machines (Level 1 & Level 3)
- Student Lockers (available at the respective division)
- A mini garden
- Wireless network "Wi-Fi" throughout USM campus
- Postgraduates Rooms – Environmental Technology (Room 049 & 350)
- Postgraduates Room – Food Technology (Room 221)
- Postgraduates Room – Bio-Resource, Paper and Coating Technology (Room 319)
- Postgraduate Space (Room A605)
- ePlas Multipurpose Classroom (A601)

7.0 ACADEMIC CALENDAR 2025/2026



KALENDAR AKADEMIK - SIDANG AKADEMIK 2025/2026

BAGI SEMUA RANCANGAN (KECUALI PROGRAM DOKTOR PERUBATAN DAN DOKTOR PERGIGIAN)

Kampus Induk : Pendaftaran Pelajar Baharu (26 - 28 September 2025) / **Minggu Siswa Lestari (29 September - 04 Oktober 2025)
Kampus Kejuruteraan : Pendaftaran Pelajar Baharu (28 September 2025) / **Minggu Siswa Lestari (29 September - 04 Oktober 2025)
Kampus Kesihatan : Pendaftaran Pelajar Baharu (30 September 2025) / **Minggu Siswa Lestari (30 September - 04 Oktober 2025)

SEM	MINGGU	AKTIVITI	TARIKH	CATATAN
SATU	1	P&P (7 Minggu)	Isnin, 06.10.2025 - Ahad, 12.10.2025	
	2		Isnin, 13.10.2025 - Ahad, 19.10.2025	
	3		Isnin, 20.10.2025 - Ahad, 26.10.2025	20.10.2025, Isnin - Hari Deepavali**
	4		Isnin, 27.10.2025 - Ahad, 02.11.2025	
	5		Isnin, 03.11.2025 - Ahad, 09.11.2025	
	6		Isnin, 10.11.2025 - Ahad, 16.11.2025	
	7		Isnin, 17.11.2025 - Ahad, 23.11.2025	
	8	Cuti Pertengahan Semester I (1 Minggu)	Isnin, 24.11.2025 - Ahad, 30.11.2025	
	9	P&P (7 Minggu)	Isnin, 01.12.2025 - Ahad, 07.12.2025	
	10		Isnin, 08.12.2025 - Ahad, 14.12.2025	
	11		Isnin, 15.12.2025 - Ahad, 21.12.2025	
	12		Isnin, 22.12.2025 - Ahad, 28.12.2025	25.12.2025, Khamis - Hari Krismas
	13		Isnin, 29.12.2025 - Ahad, 04.01.2026	01.01.2026, Khamis - Tahun Baharu 2026
	14		Isnin, 05.01.2026 - Ahad, 11.01.2026	
	15		Isnin, 12.01.2026 - Ahad, 18.01.2026	
	16	Minggu Ulang Kaji (1 Minggu)	Isnin, 19.01.2026 - Ahad, 25.01.2026	
17	Peperiksaan (3 Minggu)	Isnin, 26.01.2026 - Ahad, 01.02.2026	01.02.2026, Ahad - Hari Thaipusam	
18		Isnin, 02.02.2026 - Ahad, 08.02.2026	02.02.2026, Isnin - cuti ganti Hari Thaipusam (Kampus Induk & Kejuruteraan)	
19		Isnin, 09.02.2026 - Ahad, 15.02.2026		
20	Cuti Semester I / Latihan Industri (4 Minggu)	Isnin, 16.02.2026 - Ahad, 22.02.2026	17 & 18.02.2026, Selasa & Rabu - Tahun Baru Cina 19.02.2026, Khamis - Awal Ramadhan	
21		Isnin, 23.02.2026 - Ahad, 01.03.2026		
22		Isnin, 02.03.2026 - Ahad, 08.03.2026	07.03.2026, Sabtu - Nuzul Al-Quran	
23		Isnin, 09.03.2026 - Ahad, 15.03.2026		
DUA	24/1	P&P (7 Minggu)	Isnin, 16.03.2026 - Ahad, 22.03.2026	21.03.2026 & 22.03.2026, Sabtu & Ahad - Hari Raya Aidilfitri**
	25/2		Isnin, 23.03.2026 - Ahad, 29.03.2026	23.03.2026, Isnin - cuti ganti Hari Raya Aidilfitri**
	26/3		Isnin, 30.03.2026 - Ahad, 05.04.2026	
	27/4		Isnin, 06.04.2026 - Ahad, 12.04.2026	
	28/5		Isnin, 13.04.2026 - Ahad, 19.04.2026	
	29/6		Isnin, 20.04.2026 - Ahad, 26.04.2026	
	30/7		Isnin, 27.04.2026 - Ahad, 03.05.2026	01.05.2026, Jumat - Hari Pekerja
	31/8	Cuti Pertengahan Semester II (1 Minggu)	Isnin, 04.05.2026 - Ahad, 10.05.2026	
	32/9	P&P (7 Minggu)	Isnin, 11.05.2026 - Ahad, 17.05.2026	
	33/10		Isnin, 18.05.2026 - Ahad, 24.05.2026	
	34/11		Isnin, 25.05.2026 - Ahad, 31.05.2026	27 & 28.05.2026, Rabu & Khamis - Hari Raya Aidiladha** 31.05.2026, Ahad - Hari Wesak
	35/12		Isnin, 01.06.2026 - Ahad, 07.06.2026	01.06.2026, Isnin - cuti ganti Hari Wesak (Kampus Induk & Kejuruteraan) 01.06.2026, Isnin - Hari Keputeraan Yang di-Pertuan Agong
	36/13		Isnin, 08.06.2026 - Ahad, 14.06.2026	
37/14	Isnin, 15.06.2026 - Ahad, 21.06.2026		17.06.2026, Rabu - Awal Muharram	
38/15	Isnin, 22.06.2026 - Ahad, 28.06.2026			
39/16	Minggu Ulang Kaji	Isnin, 29.06.2026 - Ahad, 05.07.2026		
40/17	**Peperiksaan (2 Minggu)	Peperiksaan (3 Minggu)	Isnin, 06.07.2026 - Ahad, 12.07.2026	07.07.2026, Selasa - Hari Bandar Warisan Dunia Georgetown 11.07.2026, Sabtu - Hari Jeda Yang di-Perlu Negeri Pulau Pinang
41/18	Isnin, 13.07.2026 - Ahad, 19.07.2026			
42/19	Isnin, 20.07.2026 - Ahad, 26.07.2026			
43/20	Cuti Semester II / Latihan Industri (10/11 Minggu)	Isnin, 27.07.2026 - Ahad, 02.08.2026		
44/21		Isnin, 03.08.2026 - Ahad, 09.08.2026		
45/22		Isnin, 10.08.2026 - Ahad, 16.08.2026		
46/23		Isnin, 17.08.2026 - Ahad, 23.08.2026		
47/24		*P&P	Isnin, 24.08.2026 - Ahad, 30.08.2026	25.08.2026, Selasa - Maulidur Rasul
48/25		Peperiksaan	Isnin, 31.08.2026 - Ahad, 06.09.2026	31.08.2026, Isnin - Hari Kebangsaan
49/26			Isnin, 07.09.2026 - Ahad, 13.09.2026	
50/27			Isnin, 14.09.2026 - Ahad, 20.09.2026	16.09.2026, Rabu - Hari Malaysia
51/28		Isnin, 21.09.2026 - Ahad, 27.09.2026	29 & 30.09.2026, Selasa & Rabu - Hari Keputeraan Sultan Kelantan (Kampus Kesihatan)	
52/29		Isnin, 28.09.2026 - Ahad, 04.10.2026		

SENAT KE-292 (20 MAC 2025) - HEBAHAN BPA BIL. 3/2025 (9 APRIL 2025)

Website: Academic Calendar 2025/2026 - <https://bpa.usm.my/index.php/kalendar-akademik>

THANK YOU

Committee:

Assoc. Prof. Dr. Lee Chee Keong

Assoc. Prof. Dr. Uthumporn Utra @ Sapina Abdullah

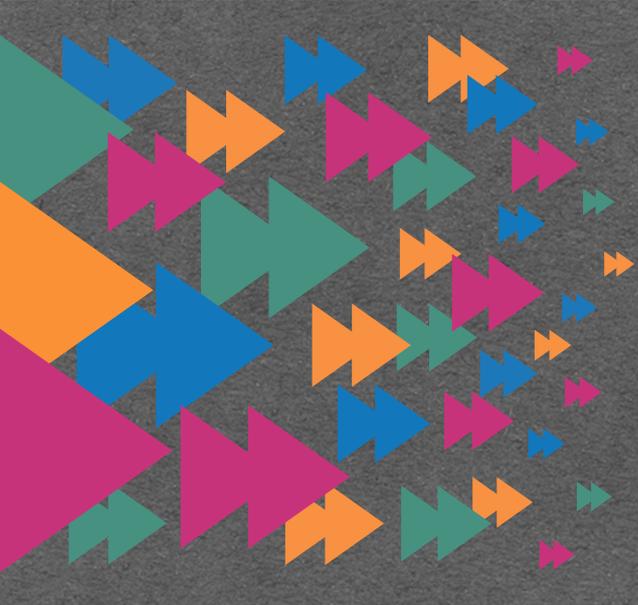
Assoc. Prof. Ts. Dr. Syahidah Akmal Muhammad

Ts. Dr. Siti Baidurah Yusoff

Ts. Dr. Azniwati Abd Aziz Dr. Maizura Murad

Dr. Tan Thuan Chew

Mdm. Nooraida Naser



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