



MALABAR INSTITUTE OF TECHNOLOGY

ANJARAKANDY INTEGRATED CAMPUS

(A Unit of PRESTIGE EDUCATIONAL TRUST®)

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MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding (here in after referred to as the "MoU") is executed on this _____ day of 7-Jul-2026 (hereinafter referred to as the "Effective Date"),

BY AND BETWEEN

MALABAR INSTITUTE OF TECHNOLOGY (Anjarakandy Engineering College), an academic institution of higher education established in 2010 located at Anjarakandy Integrated campus, Kannur, Kerala, PIN - 670612 (hereinafter referred to as "MIT", which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors-in-interest and permitted assigns) of the **FIRST PART**;

AND

TANLEEF HYGIENE SOLUTIONS LLP, a limited liability partnership incorporated under the provisions of the Limited Liability Partnership Act, 2008, having its registered office at Markaz Knowledge City, Kaithappoyil, Calicut, Kerala - 673593 (hereinafter referred to as "Tanleef", which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors-in-interest and permitted assigns) of the **SECOND PART**.

(MIT and Tanleef shall hereinafter be individually referred to as a "Party" and collectively as the "Parties").

1. PREAMBLE & BACKGROUND

WHEREAS, MIT is a premier academic and research-driven institution dedicated to imparting comprehensive technical education, engineering excellence, and technological innovation across diverse engineering faculties;

WHEREAS, Tanleef is an industry-leading enterprise specializing in advanced environmental engineering services, biotechnology-driven commercial hygiene solutions, and sustainable waste management ecosystems;

WHEREAS, both Parties explicitly recognize the institutional and societal value of creating synergistic linkages between academic theory and practical industrial application, thereby aiming to establish a collaborative framework for applied research, academic-industry knowledge exchange, faculty consultancy, and technical human resource development;

Approved by **AICTE** and Affiliated to APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

NOW, THEREFORE, in consideration of the mutual covenants, representations, and terms set forth herein, the Parties agree to collaborate under the guiding principles detailed in this document.

2. SCOPE AND OBJECTIVES

The primary mandate of this MoU is to institutionalize a collaborative partnership in the focused domains of **sustainable wastewater management, environmental engineering, biotechnology-based sewage treatment systems, water resource management, and the sustainable development of smart cities**, explicitly mapped and aligned to the **United Nations Sustainable Development Goals (UN SDG) 2030**.

The specific operational objectives of this framework encompass:

- **Experiential Learning Optimization:** Providing undergraduate and postgraduate engineering students with structured industrial exposure and technical workflows to bridge the industry-academia competency gap.
- **Knowledge Management & Capacity Building:** Jointly designing and delivering specialized technical sessions, industry-centric workshops, academic seminars, and environmental sustainability campaigns.
- **Academic Synergy & Professional Opportunities:** Facilitating professional student internships, field training, site exposure, and collaborative capstone/final-year engineering research projects.
- **Institutional Faculty Consultancy:** Utilizing the technical competencies of MIT faculty members for industrial trouble-shooting, institutional advisory, and collaborative technology validation.
- **Applied Research & Innovation:** Fostering joint research publications, technical reports, and green-technology innovations within the domain of sustainable sanitation and advanced wastewater treatment.

3. AREAS OF COLLABORATION

The core initiatives under this institutional framework shall be operationalized via three principal focus vectors:

A. STUDENT DEVELOPMENT AND EXPERIENTIAL LEARNING

- **Industrial Familiarization & Exposure:** Provision of organized site visits and operational exposure to Tanleef's engineering installations and technical operations.
- **Internship Frameworks:** Offering technical internship slots and research apprenticeships for eligible and recommended students of MIT.
- **Project Mentorship:** Formulation of industry-relevant problem statements for student project cohorts, providing industrial co-guidance and resource assistance.
- **Skill Diagnostics & Orientation:** Co-hosting specialized technical training and professional orientation programs centered around green jobs and the circular economy.

B. FACULTY CONSULTANCY AND TECHNICAL ADVISORY

- **Industrial Consultancy:** Retention of qualified faculty members from MIT to provide technical advisory, scientific validation, and engineering audits for industrial requirements.

- **Knowledge Exchange Hubs:** Inviting technical experts from Tanleef to deliver guest lectures, and establishing peer-to-peer dialogues between corporate engineers and institutional faculty.
- **Collaborative Industrial Problem-Solving:** Formulating joint taskforces to resolve specific engineering bottlenecks encountered in commercial wastewater and sanitation sectors.

C. RESEARCH , INNOVATION & SUSTAINABILITY INITIATIVES

- **Joint Ecological Research:** Pursuing co-authored academic research and product testing in biological treatment mechanisms, water reclamation, and zero-liquid-discharge (ZLD) paradigms.
- **UN SDG 2030 Structural Alignment:** Undertaking baseline studies and engineering projects mapping directly on to UN Sustainable Development Goals, specifically SDG3(Good Health and Well Being), SDG4 (Quality Education), SDG6 (Clean Water and Sanitation),SDG 11 (Sustainable Cities and Communities), and SDG 13 (Climate Action).
- **Community & Environmental Outreach:** Advancing community-level technical knowledge dissemination regarding eco-friendly sanitation, rainwater harvesting, and integrated water/waste management.
- **Startup Imitative :** MIT and Tanleef wil collaborate to initiate startups in water resources and environmental management sector

4. ROLES AND RESPONSIBILITIES

RESPONSIBILITIES OF MIT:

- Identify, screen, and nominate eligible students and faculty cohorts for participating in scheduled training modules, industrial visits, and project placements.
- Render the requisite physical infrastructure, institutional labs, computing networks, and seminar venues to successfully execute joint workshops, short-term courses, and technical panels.
- Encourage appropriate departments and institutional centers to leverage their intellectual capital for consulting assignments and engineering audits presented by Tanleef.
- Designate a competent institutional Single Point of Contact (SPOC) to streamline inter-institutional operations, administrative tracking, and compliance management.

RESPONSIBILITIES OF TANLEEF:

- Provide industrial insights, real-world case studies, and engineering parameters to supplement and enrich the academic curriculum of MIT.
- Allot technical mentorship, administrative oversight, and certificate credentials to selected students undergoing internships or project training at designated facilities.
- Engage relevant engineering and faculty experts from MIT for commercial consultancy assignments, engineering validation, or technical feasibility studies whenever feasible.
- Support joint sustainable development initiatives through the deployment of technical corporate resources and field expertise.

- Designate an experienced Corporate Coordinator to maintain steady work flow alignment with the institutional SPOC of MIT.

5. FINANCIAL TERMS AND CONDITIONS

- **Non-Binding Intent:** This document serves strictly as a framework of strategic intent and does not create any mandatory or automated financial obligations on either Party.
- **Activity-Specific Financial Ajenda:** Any distinct activity involving capital expenditure, corporate research grants, commercial consulting billing, or hardware procurement and faculty consultancy remuneration shall be governed by separate, standalone **Project-Specific Ajenda** executed in writing by the authorized administrative heads of both institutions.
- **Professional Certification:** Tanleef shall formally issue certificates of technical contribution, project completion, or corporate engagement to all participating institutional faculty and students on the successful closure of joint milestones.

6. GENERAL LEGAL AND OPERATIONAL PROVISIONS

- **Intellectual Property Rights (IPR):** Background Intellectual Property owned by either Party prior to the Effective Date shall remain the absolute and exclusive property of the respective originating Party. Ownership of any Foreground Intellectual Property, patents, or technical innovations jointly generated through projects under this MoU shall be governed on a case-by-case basis by explicit, mutually signed contractual addenda.
- **Confidentiality Mandate:** Both Parties covenant to maintain rigorous confidentiality regarding all proprietary technical, commercial, organizational, and academic datasets shared during the execution of this partnership. No such data shall be disclosed to third-party entities without explicit, prior written authorization from the originating Party.
- **Validity and Tenure:** This MoU shall remain valid for an active term of **Three (3) Years** from the Effective Date, unless terminated prematurely by either Party. Either Party may terminate this framework by providing at least thirty (30) days' prior written notice to the counterparty. The agreement may be extended or modified upon mutual written consent.
- **Amendments:** No modification, amendment, or waiver of any provision contained within this MoU shall be legally binding unless executed in writing and endorsed by the designated authorized signatories of both institutions.

IN WITNESS WHEREOF, the Parties hereto have caused this Memorandum of Understanding to be formally signed and executed by their respective duly authorized administrative officers as of the date first above written.

For and on behalf of
Malabar Institute of Technology (MIT)

 PPR
07/07/26

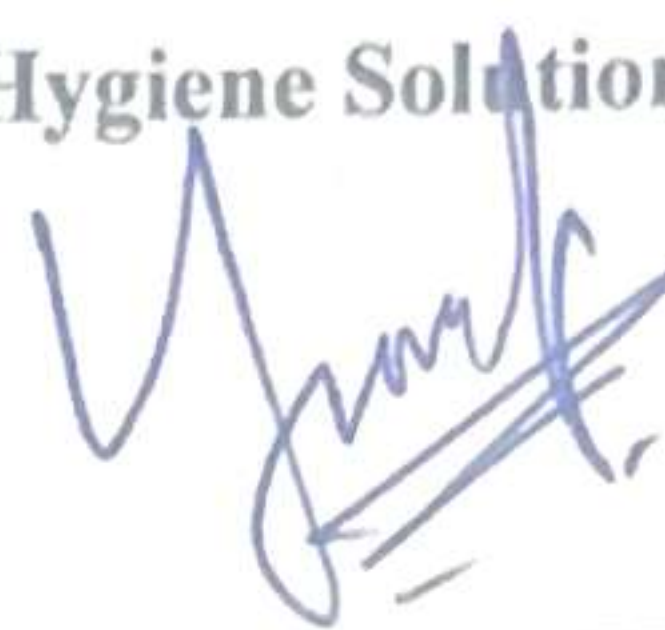
Name: Prof. Dr. PP Rahoof

Designation: PRINCIPAL

Date: 7-JUL-2026

Official Seal:

For and on behalf of
Tanleef Hygiene Solutions LLP (Tanleef)



Name: Mr Yoosaf Poyil

Designation: Exec. Director

Date: 7-JUL-2026

Official Seal:

IN THE PRESENCE OF WITNESSES:

Witness1 (For MIT):

Signature: 
7-JUL-2026

Name: Er Abdul Nazir C V

Designation: HoD, Civil Dept

Witness2 (For Tanleef):

Signature: 
7-JUL-2026

Name: Er Fairouz Azhari

Designation: CEO, Tanleef