

Memorandum of Understanding (MoU)

Between

ITM University, Gwalior

&

BioPremia Solutions Pvt. Ltd., Gwalior (M.P.)

This Memorandum of Understanding (MoU) is entered between "Food Technology Department, School of Sciences, ITM University, Gwalior, Madhya Pradesh" having its campus at Gwalior, Madhya Pradesh, hereinafter called "ITMU" and BioPremia Solutions Pvt. Ltd., having its Registered Office Address at B-905, Blueberry DB City, Gwalior-474011 and Operations Address at B-4, Silver Spring Business Park, ByPass Road, Nayta Mandla, Opposite D-Mart, Indore - 452020, hereinafter referred to as "BioPremia".

Both ITMU and BioPremia are independently referred to as "Party" and collectively as "Parties".

The Parties have agreed to engage in a broad spectrum of joint activities in the field of Food Science, Food Technology, and Product Development. This MoU shall serve as a platform on which both Parties agree to work together in the future. The terms and conditions of this collaboration are as follows:

1. BACKGROUND

ITM University, Gwalior, Madhya Pradesh

ITM University Gwalior is state university established under the Act of State Legislature, M.P., by Samata Lok Sansthan, a registered charitable Trust. The University is approved by UGC under Section 2 (f) of the UGC Act of 1956. ITMU is providing quality education supplemented with Industrial Internships and Professional Training in the areas of Agricultural Sciences, Business & Management, Engineering & Technology, Computing &

Information Technology, Entrepreneurship, Rural Development, Food Technology, Biotechnology, Biosciences & Environmental Sciences, Architecture, Media & Communication, Film & Television Production, Basic Sciences, Medical & Paramedical sciences, Humanities, Juridical Sciences, Life Sciences, Liberal Art & Sciences, Performing Arts, and Nursing, besides undertaking Quality Improvement and Training activities for the State Government officers. The academic and training programs of ITMU entail a global perspective to meet the challenges of the current era and the emerging trends.

BioPremia Solutions Pvt. Ltd. Gwalior (M.P)

BioPremia Solutions Private Limited, established on May 18, 2022, is a private limited company based in Gwalior, Madhya Pradesh, India. The company specializes in the nutraceutical industry, focusing on the development and supply of high-quality ingredients that promote health and wellness.

Key Areas of Focus:

- **Probiotics:** Development of strains such as Lactobacillus, Bifidobacterium, Streptococcus, Enterococcus, Bacillus, Pediococcus, and Saccharomyces to support gut health and immunity.
- **Prebiotics:** Offering compounds like Fructooligosaccharides, Inulin, and Mannose oligosaccharides to nourish beneficial gut bacteria.
- **Enzymes:** Supplying enzymes including Protease, Amylase, Lipase, Cellulase, Transglutaminase, and Xylanase to enhance digestion and nutrient absorption.
- **Synbiotics and Postbiotics:** Combining probiotics and prebiotics (synbiotics) and providing bioactive compounds resulting from probiotic activity (postbiotics) for comprehensive health benefits.
- **Starter Cultures:** Providing cultures essential for initiating fermentation processes in various food products.

The company's commitment to quality, innovation, integrity, customer-centricity, and sustainability underscores its operations. BioPremia Solutions aims to be a global leader in the nutraceutical and bakery ingredient markets, striving to inspire healthier lifestyles through advanced solutions.

2. PURPOSE & SCOPE OF COLLABORATION

The potential areas of collaboration include research, education, training, capacity building, experience sharing, and knowledge management in the domain of food technology, nano-emulsions, fat replacers, food safety, and product innovation. Additionally, this MoU aims at providing cultures of fermented and probiotics to the department with the objective of carrying out characterization and related studies. The department will receive the cultures and engage in research collaboration with BioPremia. The specific areas for joint activities will be decided in due course of time.

3. OUTLINES OF THE COLLABORATION

This document is not intended to create legal or binding obligations on either Party. It serves only as a record of the Parties' current intentions. This will be a sustaining program and will help source funds for collaborative research/academic programs from external agencies.

Under this agreement, ITMU & BioPremia shall jointly explore the possibilities of working in the following areas:

- Joint research in food technology, nano-emulsions, fat replacers, and probiotic cultures.
- Development of new formulations for healthier food alternatives.
- Exchange of expertise through faculty and industry expert visits.
- Collaborative professional training programs for students and researchers.
- Joint proposals for external funding and research grants.
- Internship opportunities for ITMU students at BioPremia.
- Provision of fermented and probiotic cultures for research purposes.

4. ACADEMIC AND RESEARCH COLLABORATION

In pursuant of the agreement, academic and research collaborations shall be initiated between both Parties. Academic collaboration shall involve faculty members/industry experts visiting their counterpart institutions for short-term teaching assignments, evaluation, and curriculum development.

Research collaboration shall involve joint projects, collaborative publications, and shared intellectual property rights (IPR) agreements. The department will receive fermented and

probiotic cultures from BioPremia and conduct characterization and related studies to further research in this area.

5. PUBLICATION & INTELLECTUAL PROPERTY RIGHTS

(i) If the research is conducted with the help of ITMU members, the intellectual property will be protected in India with ITMU as a co-applicant. BioPremia will have rights to commercialize technology.

(ii) If the research is conducted with the help of BioPremia members, the intellectual property will be protected in India with BioPremia as a co-applicant. ITMU will have rights to commercialize the technology.

(iii) Any jointly conducted research will have co-ownership of intellectual property rights.

(iv) Any publication, document, or paper arising out of joint work conducted under this MoU will be jointly owned. The use of the name, logo, and/or official emblem of the participants on any publication, document, or paper will require prior permission from both Parties.

6. PERFORMANCE STANDARDS

Both Parties shall perform their respective roles and responsibilities under this MoU with the highest standards of professional and ethical competence and integrity.

7. DISCLOSURE OF INFORMATION

Both ITMU and BioPremia agree that, except for a court order requiring disclosure, neither shall disclose to any third party without written consent of the other, any information made available to the Parties in the performance of work and/or generated by the performance of work under this Agreement.

8. AMENDMENTS

The Parties of this MoU may, by mutual consent, add, modify, amend, or delete any words, phrases, sentences, or articles in this MoU.

9. VALIDITY OF THE MOU

This Memorandum of Understanding will become effective on the date of signing and will have duration of five (5) years. However, it can be extended by mutual agreement. Any cessation of the MoU by either Party shall be notified in writing to the other Party at least six months in advance.

10. ARBITRATION

Disputes arising out of this MoU, if any, shall be amicably settled jointly by ITM University, Gwalior, and BioPremia Solutions Pvt. Ltd., Gwalior.

IN WITNESS WHEREOF, the Parties hereby execute the MoU in two original copies in English language on this date.

(Dr. ROHIT SHARMA)

Designation: Director

FOR AND ON BEHALF OF THE
THE

BioPremia Solutions Pvt. Ltd. Gwalior (M.P)

Witnesses:

1. _____

2. _____

(Dr. Omveer Singh)

Designation: Registrar

FOR AND ON BEHALF OF

ITM UNIVERSITY Gwalior
(M.P.)

Witnesses:

1. Dr Yogesh C Goswami Dean SOS

2. Dr Shyam Akashe, Dean ICP