



UNIVERSITI
TEKNOLOGI
MARA

101 Innovation

A Journey
through UiTM's
Technological
Marvels

Preface

We are delighted to present this comprehensive collection showcasing the innovative products developed by researchers at Universiti Teknologi MARA (UiTM). With a dedication to advancing knowledge and addressing real-world challenges, UiTM researchers have developed a diverse array of products across various fields. This book is designed to serve as a valuable resource for UiTM staff, local and international industries, and individuals seeking cutting-edge innovations. Whether you are looking to collaborate with UiTM researchers, explore new technologies, or discover solutions to industry needs, you will find a wealth of opportunities within these pages. Each product featured in this book represents the culmination of rigorous research, creative ingenuity, and a commitment to excellence.

From breakthroughs in healthcare and biotechnology to advancements in engineering, information technology, and beyond, UiTM researchers are at the forefront of innovation. We invite you to explore this book and discover the transformative potential of UiTM research products. Whether you are a seasoned industry professional, an aspiring entrepreneur, or simply curious about the latest innovations, we are confident that you will find inspiration and opportunity within these pages. Thank you for joining us on this journey of exploration and discovery. Together, let's unlock the future with UiTM research products.

Acknowled

This book is a testament to the boundless dedication, creativity, and perseverance of the researchers, industry partners, and supporters who have contributed to this journey. With heartfelt gratitude, we acknowledge the contributions of researchers, industry partners, and supporters who have brought these innovations to life.

Your unwavering commitment has transformed visionary ideas into reality, pushing the boundaries of knowledge and progress. As you turn these pages, we hope to inspire you with the perseverance, and collaboration that underpins each innovation.

Together, let us continue shaping a world brimming with possibilities. Thank you for being part of this remarkable journey.

- Foreword by UiTM Vice-Chancellor | **V**
- Foreword by Deputy Vice-Chancellor (Research & Innovation) | **VI**
- Foreword by Director of BITCOM | **VII**
- Preface | **X**
- Acknowledgement | **XI**
- About BITCOM | **XII**

CONT

01 Agriculture & Forestry

- Agrobrest Vermi & Agrobrest Mix | **02**
- BIO MAT+ | **03**
- Galah Tuis V2 | **04**
- Kompos Kampus Bertam | **05**
- Nutrient for microalgae | **06**
- Probiotic for Black Soldier Fly Larvae | **07**
- VitOreo-Biotherapeutic Properties of Vitex Trifolia for High Health Promoter in Freshwater Fish | **08**
- Zero-energy Soilless Agriculture System | **09**
- Micro-farm | **10**
- AGROWN: Bio Planting Media | **11**

02 Business & Financial Services

- Holistic Success Module | **14**
- HERMES Parcel Management System Application | **15**

03 Fragrance & Beauty

- Dr. Azri's Perfume | **18**
- LINDIFERA Nutri-cosmetic Product Based On Harum Manis and Laktut Extract | **19**
- Melon Glow Facial Serum | **20**
- RejuvHair Serum | **21**

04 Culture, Arts & Tourism

- Al-Muashshir | **24**
- Kemuning | **25**
- CEETO SCARF | **26**
- Silat Tempur Slider | **27**
- Spa & Sauna Incubator Centre | **28**
- UiTM Brooch | **29**

05 Education

- Celik Solat | **32**
- Easy English Tenses | **33**
- ENSA | **34**
- Experiential Equation Solver | **35**
- Finance and Me | **36**
- GEOMath-PRO | **37**
- Hexapodx Go! | **38**
- Interactive Microbiology Kit | **39**
- KB3DART 3D Edutainment | **40**
- Majdani: Simulation Board Game Islamic Property Management | **41**
- Naga pH Green & Low Cost Liquid pH Meter | **42**
- Silang Budaya (Mencorak Pemikiran Generasi Masa Depan) | **43**
- Tales of the Semai | **44**
- WeCWI Integrated Solutions | **45**
- i-Kit & e- Integral | **46**
- Hybrid Learning for Basic Life Support Certification | **47**
- S-Praesidium | **48**
- Supply Chain Card Game- Supply Chain Lingo | **49**

06 Energy

- Burnable Cooker | **52**
- Penjana elektrik Air Kumbahan | **53**

Acknowledgement

This book is a testament to the boundless dedication, creativity, and collaboration that pave the way for a brighter, more sustainable future. With heartfelt gratitude, we acknowledge the invaluable contributions of researchers, industry partners, and supporters who have been instrumental in bringing these innovations to life.

Your unwavering commitment has transformed visionary ideas into impactful realities, pushing the boundaries of knowledge and progress. As you turn these pages, may the spirit of inquiry, perseverance, and collaboration that underpins each innovation inspire us all to strive for excellence.

Together, let us continue shaping a world brimming with possibilities for generations to come. Thank you for being part of this remarkable journey.

**Business Innovation &
Technology Commercialization Centre (BITCOM)**

Ground Floor, UiTM-MTDC Technopreneur Centre

Universiti Teknologi MARA (UiTM)

40450 Shah Alam, Selangor Darul Ehsan, Malaysia

bitcom@uitm.edu.my

+603-5544 2759 / +603-5544 2790

