



BIOECONOMY ACCELERATOR TRAINING (BeAT) for BOKERJAYA PROGRAMME

Pelan Jana Semula Ekonomi Negara (PENJANA) initiative

BIOECONOMY ACCELERATOR TRAINING (BeAT)

BIOKERJAYA
@MYFUTURE
AGRO



SOFT SKILLS
TRAINING



INDUSTRY
AWARENESS
TOPICS

TECHNICAL/
HANDS-ON
COURSES

BIO-
ENTREPRENEUR
/ ELECTIVE
SHORT COURSES

Candidates with
Job Placement



8 Days (4 hours per day)
Work Preparatory
Soft Skill Training

Employers are Entitled to Select A Maximum of 3 Days (total training days) from
Industry Awareness Topics, Technical / Hands-On Courses and
Bio-Entrepreneurship / Elective Courses based on their business requirement

10 to 12 Days Training Programme



POST 6 MONTHS PLACE & TRAIN

FULL-TIME JOB

PART-TIME JOB

- Absorbed as permanent / contract staff
- Trained & equipped with experience — jobs in other industries



- Bio-Entrepreneurs / Agropreneurs / Contract farmers
- Distributors
- Job creation along value chain

BIOECONOMY ACCELERATOR TRAINING (BeAT) PROGRAMME for BIOKERJAYA@MYFUTURE AGRO

8 Non-Consecutive Days (Half Day) Work Preparatory Soft Skill Training via Online Platform

In collaboration with:



DAY 1 (4 HOURS ONLINE) KNOW YOUR STRENGTH	DAY 2 (4 HOURS ONLINE) KNOW YOUR STRENGTH	DAY 3 (4 HOURS ONLINE) EFFECTIVE COMMUNICATION	DAY 4 (4 HOURS ONLINE) EFFECTIVE COMMUNICATION
<ul style="list-style-type: none"> • Introduction to the programme • Ice-Breaking Activities • Psychometric Test & Discover Your DiSC Profile • Understand yourself and others better 	<p>Mindset Change: Zero to Hero</p> <ul style="list-style-type: none"> • Building Confidence, Adaptability & Resilience With Your Personality <p>Get Inspired with our “Industry Icon”</p>	<ul style="list-style-type: none"> • Emotional Intelligence (Gauge you EI & Learn How to Manage it) • Communication Process & Barriers • Negotiation Skills & Learning Body Language 	<ul style="list-style-type: none"> • Self Branding & Networking in a Diverse Environment • Public Speaking & Presentation Skills
DAY 5 (4 HOURS ONLINE) CREATIVE THINKING & PROBLEM SOLVING	DAY 6 (4 HOURS ONLINE) CREATIVE THINKING & PROBLEM SOLVING	DAY 7 (4 HOURS ONLINE) STUDIO BIO	DAY 8 (4 HOURS ONLINE) STUDIO BIO
<ul style="list-style-type: none"> • Design Thinking : Innovative Problem Solving Skills • Creative & Systematic Problem Solving • Application of Design Thinking (Ideation to Prototype Presentation) 	<ul style="list-style-type: none"> • Time management & organizational tools • Project Management and tools 	<p>Personal Branding & Grooming</p> <ul style="list-style-type: none"> • How to Create An Impression • Know What Matches You Best 	<p>Urban Gardening Workshop</p> <ul style="list-style-type: none"> • Learn to grow and nurture your own garden • Take Up the “Urban Gardening Challenge”

INDUSTRY AWARENESS TOPICS

MODULES

1. Best Halal Practices (1 Day)
2. Introduction to MESTI & HAACP (1 Day)
3. Introduction to Good Agriculture Practices (GAP) (1 Day)
4. Introduction to Good Manufacturing Practices (GMP) (1 Day)
5. Introduction to Best Aquaculture Practices (1 Day)
6. Introduction to Good Laboratory Practices (GLP) (1 Day)
7. Understanding Food Safety Quality (1 Day)
8. Quality Management System for Biopharmaceuticals (1 Day)
9. Understanding Intellectual Property (IP) and its' Importance (1 Day)
10. Implementation of ISO17025 (1 Day)
11. Awareness on NPRA Requirements for Cosmetics & Supplements Registration (1 Day)
12. Occupational Safety & Health Awareness (1 Day)

TECHNICAL/HANDS-ON COURSES

MODULES

1. Basics of Tissue Culture Techniques (2 Days)
2. Overview of Bioprocess and Fermentation Technology (2 Days)
3. Understanding Effective Microbes & Its Application (1 Day)
4. Introduction to HPLC and Sample Preparation (2 Days)
5. Smart Farming through Wireless Sensor Network System with IOT (2 Days)
6. Introduction to Precision Farming for Agriculture (2 Days)
7. Drone Application for Precision Farming (1 Day)
8. Ergonomics & Manual Handling at Workplace (1 Day)
9. Environmental Management Professional in Scheduled Waste Management (2 Days)
10. Halal Ingredients in Bio-Cosmetics Formulation (1 Day)
11. Halal Ingredients in Food & Supplements (1 Day)
12. Halal Certification for Bio-based Products (2 Days)
13. Applications of Transmission Electron Microscope (TEM) and Scanning Electron Microscope (SEM) for Bio-Materials (1 Days)

MODULES

14. Basic Operation of Scanning Electron Microscope (SEM) and Sample Preparation (2 Days)
15. Overview of Herbal Extraction & Processing (2 Days)
16. QA/QC and Standardization of Plant Extracts (2 Days)
17. Bio-Cosmeceutical Product Formulation (2 Days)
18. Food Handling KKM Training (1 Day)
19. Food as Medicine: For Professional Nutritionist (1 Day)
20. Basics of Laboratory Safety & Chemical Handling (1 Day)
21. Introduction to DNA Analysis (Softwares) (1 Day)
22. Polymerase Chain Reaction (PCR) Techniques (2 Days)
23. Basics on Cell Culture Techniques and Handling (2 Days)
24. Gas Chromatography (GC) & GC Mass Spectrometry Handling Basics (2 Days)

* The list of training module is non-exhaustive as employers will be able to recommend other training that they require for their employees

BIO-ENTREPRENEURSHIP / ELECTIVE SHORT COURSES

BIO-ENTREPRENEURSHIP MODULES

(customized for agriculture, aquaculture & food/ bio-based company spin-offs)

2 DAYS PROGRAMME (in BM / BI)

1. Entrepreneurial Mindset
2. What is a Business Entity?
3. Business Management Principles
4. Human Resource Management
5. Operation Management
6. Financial Management
7. Product Development for the Market
8. Product Sales & Marketing
9. Business Planning & Roll-Out
10. Retaining a Sustainable & Successful Business

* Successful candidates will be recommended to Agrobank for funding microcredit financing (up to RM 50,000) to start-up their contract farm / business with Anchor company.

ELECTIVE MODULES

1. Digital Marketing & Social Media (2 Days)
2. Building Your Product Brand (2 Days)
3. Understanding Retail & Distribution (2 Days)
4. Closing Sales Skill (2 Days)
5. Building a Marketing Plan (2 Days)
6. Customer Relationship Management (2 Days)
7. How to be a Key Opinion Leader – Product Influencer (2 Days)
8. NLP Negotiation Skills (2 Days)
9. Video Editing for Product Marketing (2 Days)
10. Graphic Design for Product Packaging and Marketing (2 Days)
11. Create a Business Plan: Using Business Model Canvas (1 Day)
12. Finance for Non-Finance (2 Day)
13. Microsoft Excel for Business Modelling (2 Days)
14. Microsoft Excel Basic to Intermediate (2 Days)
15. Occupational Safety & Health Awareness (1 Day)
16. Project Management (Intermediate) (2 Days)
17. Scientific & Report Writing (2 Days)
18. English Enrichment (2 Days)
19. Content Writing for Marketing (1 Day)

