(04) DIGITAL ROADMAP FOR FOOD MANUFACTURING INDUSTRY

This digital roadmap serves as a guide for your company to embark on your digitalisation journey. Digital solutions that are interoperable will enable integrated processes and information flow.

STAGE 01
GETTING READY FOR THE DIGITAL ECONOMY
Streamlined Operations, Optimised Resources

Quality Assurance

ENTERPRISE RESOURCE PLANNING

Inventory Management

Fleet Management

Sales/ Order Management

Workforce Management

STAGE 02
GROWING IN THE DIGITAL ECONOMY
Integrated Assets, Connected Ecosystems

e-Commerce

Manufacturing Analytics

Manufacturing Operations Management (MOM)

Overall Equipment Effectiveness (OEE) through Internet of Things (IoT)

Product Authentication

STAGE 03
LEAPING AHEAD
Autonomous Operations, Intelligent Business

Augmented Reality (AR) for Training and Inspection

Supervisory Control and Data Acquisition (SCADA) Plant Management

Predictive Maintenance using Big Data/ Artificial Intelligence (AI)

Augment Manpower using Autonomous Robots

BUSINESS CAPABILITIES
Customer Relationship Management, Human Resource, Payroll, Accounting

Note: This roadmap will be updated over time as digitalisation of the industry progresses and new technologies are introduced to the industry.

(05) DIGITAL ROADMAP ON TRAINING

This training roadmap serves as a guide to prepare companies' workforce to adopt digital solutions at each of the three stages of growth. For more information, please refer to MySkillsFuture Portal.

	STAGE 01	STAGE 02	STAGE 03
"TECH BASICS" All employees in the industry	**GETTING READY FOR THE DIGITAL ECONOMY**	**GROWING IN THE DIGITAL ECONOMY**	**LEAPING AHEAD**
	• Smart Industry Readiness Index (SIRI) Implementation • Data Analytics for Workplace • Assurance and Governance - A Practical Approach • Safer Foods Through Rapid Technology • Design Thinking 101 • Effective Digital Marketing And Sales • Transport Management • Procurement & Materials Management • Human Resource Management • Digital Intelligence: Opportunity Identification • Starting an Online Business	• Social Media Marketing Strategies for Startups • Machining Analytics • e-Commerce for Starts-ups: All You Need to Know • E-Payments Made Easy • Machine Learning in Finance • The Economics of Supply Management in the Sharing Economy • Creating an Interactive Web Presence for Digital Marketing • Digital Manufacturing Essentials • Automation & Digitalisation in Food Manufacturing • Smart IoT Basics • Strategies for Effective Data and Information Management • Sensor Technology and Traceability for Digital Manufacturing • Design Thinking & Innovation	• Create Your Own Augmented Reality (AR) Applications • Introduction to Predictive Analytics for Maintenance • Application of Robotics
"TECH ADVANCED" Employees that use or are exploring advanced tech in their work / organisation	• Robotic Process Automation (RPA) for Executives • Benefits of using Analytics for Start-ups • Predictive Analytics • Cyber Security for Non-IT Professionals	• Augmented Reality Design and Development • IoT for Engineers • Immersive Experiences: Introduction to AR, VR and 360 Media Creation • Developing Your First Chatbot	• Python for Robotics • Cloud Computing Awareness • Data Visualisation - Beyond the Basics • Deep Learning with Python

Training programmes aligned to **Skills Framework** and emerging areas under **SkillsFuture Series**