UPLIFTING TALENT THROUGH MBOT PROFESSIONAL RECOGNITION

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Malaysia needs to further increase its highly skilled talent

25.1% Skilled
62.5% Semi-skilled
12.4% Low-skilled

Total workforce As of the Q1/2024: 8.94 million
Source: DOSM

High Skilled 45 - 50% (3.9 - 4.4 million)
Semi Skilled 35 - 40% (3 - 3.5 million)
Low Skilled 12 - 15% (1 - 1.3 million)

Malaysia has to create 2 million additional high-skilled jobs. In comparison, Singapore aims to have 1.2 million digitally skilled workers by 2025, a 55% jump from their present 2.2 million.

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Key Trends & Challenges in High Skilled Talents

Semi skilled nation

Skills Mismatch
Uncompetitive Salary
Underemployment
Gig Economy & Flexible Work
Low Enrolment in STEM/TVET
Gap in Digital Skills
Reskilling Revolution
Digital Transformation
Global Talents Recruitment

High skilled nation

Middle Income Trap

MBOT White Paper 2023
8 Key Challenges for Talents in Technology:

1. Skills mismatch
2. Uncompetitive salary
3. Under employment
4. Gap in digital skills
5. Global brain drain
6. Gig economy & flexible work
7. Digital transformation
8. Reskilling revolution
MBOT is home for technological talents.

- Experts from industries, government agencies, regulators and academia
- Diversity of members in demographic, professions, background and experiences
- Recognition of multi and inter-disciplinary of technology
- Passionate professional members in their field
- Inclusivity in recognising Technologists/Technicians and their practice

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What do we do?

REGISTRATION
Registration of Graduate Technologists (GT), Qualified Technicians (QT), Professional Technologists (Ts.) and Certified Technicians (Tc.)

ACCREDITATION
MBOT is currently the professional body involved in accrediting technology and technical programme in various level: Bachelor Degree, Advanced Diploma, Diploma and Certificates.

LIFE-LONG LEARNING
MBOT promotes lifelong learning through the implementation of Continuing Professional Development (CPD) through 14 activity clusters

STAKEHOLDERS’ ENGAGEMENT
Professional interactions with relevant stakeholders that can lead to productive collaborations.

STRATEGIC COLLABORATION
Working together with relevant parties in a mutually beneficial way.

INTERNATIONALIZATION
Forming a bilateral/multilateral collaboration with international bodies/associations.
What makes MBOT different from other professional bodies in Malaysia?

MBOT recognizes 24 Technology fields which covers wider scope than the conventional discipline-based professions. These Technology-based Professions are flexible and cuts across different fields.

Technologists & Technicians Act (Act 768)

Part III
Registration of Technologists and Technicians

Technical services and technology services

16. The Board shall determine—

(a) technical services in respect of any operation relating to product testing, product commissioning and product maintenance; and

(b) technology services in respect of any operation relating to product development, product manufacturing, product testing, product commissioning and product maintenance.

for the purpose of this Act.
We have 86k members, including more than 25k Professional Technologists and Technicians.
Mapping MBOT Registrants across Malaysia’s Leading Internet Service Providers
Wherever you maybe in your career, professional recognition will take your career forward.

**Recognition & Acceptance**
- Acknowledgment of achievement & competency

**Lifelong Learning**
- Increase the capabilities and knowledge on the current field and explore on the advancement of technology & its application

**Enhanced Credibility**
- Validate an individual's knowledge, skills, and expertise in a specific field, enhance credibility and boost professional reputations

**Talent Mobility**
- Expand job prospects and gain access to a broader range of employment opportunities either locally or internationally

**Networking & Community**
- Provide access to a network of professionals within industry in sharing knowledge and build valuable relationships

**Increased Confidence**
- Boosting self-confidence, positively impact performance and interactions with clients, colleagues, and employers

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Professional recognition helps your organization to the next level

Professionals are governed by the law and ethics

Technical process quality assurance

Ensure safety to public, organization and employee

Pool of competent talent in an organization

Increase clients confidence

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Validation by Professionals will Ensure Project Quality and Delivery

Professional Technologist

19. A Professional Technologist shall be entitled to—
(a) approve and certify the manner or conduct of technology services to be carried out;

- Product Development
- Product Commissioning
- Product Manufacturing
- Product Maintenance
- Product Testing

Certified Technician

20. A Certified Technician shall be entitled to—
(a) approve and certify the manner or conduct of technical services to be carried out;

- Product Commissioning
- Product Testing
- Product Maintenance
MBOT Professional Acceptance in Industry/Regulator/Government

Project Requirement

Job Requirement

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CPD ensures you to be proficient and competent

Types of MBOT CPD Activities

- **A1** Formal and Informal Education
- **A2** Congress/Conference/Seminar/Symposium (Local/International)
- **A3** Fellowships/Attachment/Study Tour (including practical and skills courses)
- **A4** Committee or Project Member
- **A5** Technology and Technical Related Meetings
- **A6** Technical Paper Presentation at Official Function/Seminar/Meetings (Presenter/Speakers)
- **A7** Publication Of Articles in Journal/Chapters in Book/Technical Reports
- **A8** Appointed as MBOT's Assessors • Professional Assessor Panel • Accreditation Assessor Panel • Accreditation visits

- **B1** Contribution for Technology and Technical Aspects Development
- **B2** Online Platform Related to Technical and Technology
- **B3** Mentoring/Coaching/Judges/Consultation Related to Profession

- **D1** Hands-On Special Project & R&D Activities Related in Technical & Technology
- **D2** CSR Program and Relevant Voluntary Work
- **D3** Soft-Skills Related to Leadership and Management, Interpersonal Skills and Professional Conduct

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*Minimum 3 activities per year

Professional Technologist
90 points / 3 years*

Certified Technician
60 points / 3 years*
Overly burdensome regulations and enforcement will disrupt the industry.
Community of Practice is a catalyst for industry productivity and talent development.

Community of Practice (CoP)
- Technology Practitioner
- Researchers
- Academics
- Students and Learners
- Enthusiasts
- Technology Association

Activities
- Seminar
- Training
- Workshop
- Technology Updates
- Knowledge Sharing
- Networking Session

Outcomes
- Industry Guideline
- Standard
- Input for Public Policy
- Professional Development

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