

# WHAT IS PREMIER DIGITAL TECH INSTITUTIONS (PDTI) ?



**PDTI** is a status awarded in recognizing excellence in selected tertiary faculties within Malaysian universities and polytechnics that have a proven track record in delivering quality digital tech education. The PDTI initiative aims to strengthen Malaysia's digital talent pipeline and position the country as a regional hub for digital innovation



# WHAT IS PREMIER DIGITAL TECH INSTITUTIONS (PDTI) ?



## Key aspects of PDTIs:



### Proven Track Record

PDTIs consistently demonstrate high employability rates for graduates, strong academic performance, and successful industry partnerships. Their ability to align education outcomes with industry needs ensures they remain leaders in producing skilled digital talent.

42 Faculties from 24 Institutions



### Industry Collaboration

PDTIs maintain strong ties with the digital technology industry, ensuring curriculum relevance and providing students with valuable industry exposure.

7 Public Universities

10 Private Universities



### Innovative Curriculum Design

PDTIs offer cutting-edge programs that integrate emerging technologies such as Artificial Intelligence (AI), Big Data, Cloud Computing, and Cybersecurity. These institutions continually update their curricula to reflect industry demands, incorporating project-based learning, industry-recognized certifications, and real-world problem-solving.

7 Polytechnics

**MDEC**<sup>TM</sup>



# BACKGROUND OF PDTI



The Premier Digital Tech Institutions (PDTI) programme initiated in 2017 to help create more graduates with digital skills for Malaysia's growing digital economy. It focuses on Institutions of Higher Learning (IHL), recognizing their importance in providing education that aligns with industry needs.

Since its inception, the PDTI programme has aimed to elevate the standards of IHLs by ensuring they offer high-quality digital technology programme. These programmes are designed to meet the demands of the digital economy, which is rapidly evolving and requires a workforce equipped with the latest skills and knowledge.

One of the key goals of the PDTI programme is to strengthen the collaboration between IHLs and the industry. By working closely with industry partners, IHLs can bridge the gap between education and the real-world needs of businesses. This collaboration includes offering internships, work-integrated learning opportunities, and facilitating knowledge exchange between students, faculty, and industry professionals.

The programme also focuses on developing a highly skilled workforce. By equipping graduates with the necessary competencies, IHLs can ensure that their students are ready to excel in the digital age. This involves not only technical skills but also fostering innovation and entrepreneurial thinking among students and faculty. Encouraging these qualities helps drive economic growth and job creation, which are essential for Malaysia's competitiveness on a global scale.

Additionally, the PDTI programme aims to recognize and reward IHLs that demonstrate exceptional performance in delivering high-quality digital technology programmes. By identifying these institutions, the programme sets a benchmark for others to aspire to, promoting continuous improvement and excellence in digital education.

Moving forward, the PDTI programme will continue to adapt and evolve to meet the changing needs of the digital economy. This includes staying updated with the latest technological advancements and industry trends, ensuring that the curriculum remains relevant and forward-thinking. By doing so, the programme aims to maintain its role in producing graduates who are not only industry-ready but also capable of driving innovation and growth in the digital age.



# OBJECTIVES & OUTCOMES OF PDTI

## Objectives

1. Improve the quality of IHLs to offer high-quality, industry-relevant digital technology programmes.
2. Strengthen Collaborations between education and industry to bridge the gap, offering internships and work-integrated learning opportunities.
3. Equip graduates with the necessary skills to excel in the digital age.
4. Foster innovation and entrepreneurial thinking among students and faculty to drive economic growth and create jobs.
5. Recognize Excellence to IHL that perform exceptionally well in delivering high-quality digital technology programmes.

## Outcomes

1. IHLs deliver programmes that meet industry standards and are aligned with the needs of the digital economy.
2. Strong partnerships between IHLs and industry result in practical learning opportunities and knowledge exchange.
3. Graduates are well-prepared for the workforce, possessing both technical and innovative skills.
4. Innovation and entrepreneurial thinking drive economic growth and job creation.
5. Recognized institutions set a standard for others to aspire to, promoting continuous improvement in digital education.

# PDTI-STATUS INSTITUTIONS

SOURCE: MDEC  
(UPDATED JANUARY 2025)

## PDTI-Status Institutions (As of January 2025)



- Faculty of Computer Science & Information Technology (2017)



- School of Computer Sciences (2017)
- School of Mathematical Sciences (2017)
- School of Electrical Engineering (2020)
- Faculty of Business Management (2024)



- Faculty of Information & Communication Technology (2024) \*



Jabatan Teknologi Maklumat & Komunikasi (2017) at following Poly:

- Politeknik Ungku Omar
- Politeknik Balik Pulau
- Politeknik Sultan Idris Shah
- Politeknik Mersing
- Politeknik Sultan Mizan Zainal Abidin
- Politeknik Seberang Perai (2022)
- Politeknik Kuching Sarawak (2022)



- Faculty of Computing (2017)
- Faculty of Electrical Engineering (2020)



- Faculty of Information Science & Technology (2024)



- Faculty of Computing & Informatics (2017)
- Faculty of Information Science & Technology (2019)
- Faculty of Creative Multimedia (2019)



- Malaysian Institute of Information Technology (2022)



- Faculty of Computing & Digital Technology (2019)
- Faculty of Business, Economics & Accounting (2019)



- Faculty of Computer Science & Information Technology (2022)



- Faculty of Computer Science and Information Technology (2024) \*



- School of Engineering and Technology
- Department of Computing and Information Systems (2017)



- School Of Computing (2017)
- School of Technology (2017)
- School of Media and Design (2017)
- School of Engineering (2017)

\*These faculties are newly added and are pending formalization, subject to legal documentation.



- Faculty of Computer Science and Information Technology (2022)



- School of Computer Sciences (2024) \*



- School of Information Technology (2024)



- Faculty of Information and Communication Technology (2019)
- Lee Kong Chian Faculty of Engineering and Science (2019)



- School of Computer Science (2017)
- School of Engineering (2017)



UNIVERSITI MALAYSIA PAHANG  
AL-SULTAN ABDULLAH

- Faculty of Computing (2022)



- Faculty Of Computing and Informatics (2024) \*



- Faculty of Information Sciences & Engineering (2022)
- Faculty of Business Management & Professional Studies (2022)



- Faculty of Computing & Information Technology (2017)
- Faculty of Engineering and Technology (2019)
- Faculty of Communication and Creative Industries (2019)
- Department of Computing and Information Technology (Penang) (2022)
- Department of Accountancy and Business (Penang) (2022)
- Faculty of Accountancy, Finance and Business (2022)

