



[Home](#) / [2024](#) / [October](#) / [UiTM – IEEE Collaboration on PyCode Adventure: Unleashing Python Mastery Through Gamified Learning](#)

CSR GRU2025

15/10/2024 / Norashikin M. Thamrin



Petaling Utama, August 28-29, 2024 – Universiti Teknologi MARA (UiTM), in collaboration with IEEE Asia Pacific Region 10 (R10) and the IEEE Education Society Malaysia Chapter, organized the “PyCode Adventure: Mastering Python Through Gamified Learning” at the Pusat Kegiatan Guru, Petaling Jaya. This immersive event brought together secondary school students and teachers for an engaging introduction to Python programming.

The two-day workshop provided a robust foundation in Python, focusing on key programming concepts, logical problem-solving, and interactive coding techniques. Through a gamified approach, participants developed dynamic Python projects, which not only enhanced their technical skills but also fostered creativity and enthusiasm for continued learning. Teachers gained valuable strategies to incorporate Python and gamification into their classrooms, enriching their teaching practices.

This initiative emphasized the importance of equipping the next generation with critical STEM skills, promoting technological literacy, and preparing a future-ready workforce. The success of the PyCode Adventure reflects UiTM’s commitment to advancing STEM education in Malaysia.

College of Engineering Universiti Teknologi MARA Shah Alam, who led this initiative, underscored the program’s role in building a skilled and diverse future workforce in critical STEM fields.



Tags: [IEEE Education Society Malaysia Chapter](#), [Kolej Pengajian Kejuruteraan \(UKI\)](#), [STEM Education](#), [Universiti Teknologi MARA \(UiTM\)](#)



AKRI2024: Pensyarah Fakulti Pendidikan UiTM rangkul naib johan kategori Pentaksiran Alternatif

2nd International Mobility Program – Global Project-Based Learning (gPBL) 2024 at UiTM Penang (UiTMCPP)



QUICK LINKS

- [Ministry of Higher Education](#)
- [Academic Calendar](#)
- [Intake Calendar](#)
- [Graduate Quick Search](#)
- [Library](#)
- [UiTM Holdings](#)
- [WiFi UiTM](#)
- [E-Complaint](#)

HUBUNGI KAMI

Universiti Teknologi MARA (UiTM)
40450 Shah Alam, Selangor Darul
Ehsan
Malaysia

Tel: +603-5544 2051 / 2000

