

CENTRE FOR INSTRUCTIONAL  
TECHNOLOGY AND MULTIMEDIA,  
UNIVERSITI SAINS MALAYSIA,  
PENANG, MALAYSIA



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## NURUL MAZIAH BINTI MOHD BARKHAYA

Ph. D. | SENIOR LECTURER



### EDUCATION

Acquired her B.IT. (Hons) in Software Engineering from Universiti Malaysia Terengganu in 2011 and Master's Degree in Education (TVET) in 2013 from Universiti Tun Hussein Onn Malaysia and Ph.D in Educational Technology in 2023 from Universiti Teknologi Malaysia. She worked as an educator in International Secondary schools from 2019 – 2023, before being appointed as a Senior Lecturer in the Centre for Instructional Technology and Multimedia, Universiti Sains Malaysia, Pulau Pinang, Malaysia started on 2024.

### BACKGROUND

She embarked on her professional journey as a freelance programmer, successfully delivering several projects in collaboration with the government sector. Upon completing her Master's Degree, she was changing her career into education as a tutor, part-time lecturer and International Secondary Teacher (2019 – 2023), all while pursuing her doctorate. Her research passions encompass educational technology, creative multimedia, and e-Learning. She is an expert in Augmented Reality, specializes on hologram technology.

### PRESENTLY

Senior Lecturer in the Centre for Instructional Technology and Multimedia, University Sains Malaysia.

### CONTACT



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### SKILLS

- Creative Multimedia
- Educational Technology
- Emerging Technologies (Hologram, AR, VR)
- Research Methodology
- E-Learning



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