

ORGANISED BY:
URBAN ENGINEERING DEVELOPMENT SPECIAL INTEREST GROUP (UEDSIG)

Recorded Webinar Talk on “Harnessing Ocean Energy for Urban Coastal Sustainability”

In Conjunction with World Engineering Day Celebration from 2nd March till 7th March 2026

BEM APPROVED CPD: 2.0

REF NO.: IEM25/HQ/123/T (w)



Speaker:

Dr. Cheng Yee Ng is a Senior Lecturer at Universiti Teknologi PETRONAS (UTP) specializing in offshore engineering, ocean renewable energy, marine hydrokinetic turbines and offshore carbon capture system. She also serves as Programme Manager for MSc in Offshore Engineering. A member of IEM and ICE, she actively contributes to energy sustainability research and development.



5 March 2026, Thursday

2.00 pm - 4.00 pm

Registration Fees

IEM Students : Free

IEM Members : RM 15

Non-IEM Members : RM70

Synopsis :

As urban coastal areas confront growing energy demands and environmental challenges, ocean energy presents a viable renewable solution. This talk examines waves, tidal, and OTEC technologies, their integration into urban infrastructure, real-world applications, and key challenges. Explore how harnessing ocean energy can enhance sustainability and resilience in urban coastal areas.



Website

www.myiem.org.my