

Webinar on Innovating Structural Reinforcement: The Role of Glass Fiber Reinforced Polymer (GFRP) Bars in Modern Construction

Date : 18 November 2025

Time : 10.00 a.m. to 12.00 noon (Zoom)

Learning Objectives

- 1 Identify the basic material performance properties of GFRP reinforcing bars and how they compare to traditional steel reinforcement.
- 2 Explain where the new ACI code for GFRP reinforced concrete applies, what are the limitations for using this code, and how it relates to other standards from ACI and ASTM.
- 3 Gain a basic knowledge of mechanics of GFRP reinforced concrete and how it compares to steel reinforced concrete.
- 4 Describe the code requirements they relate to the installation of GFRP bars and other general considerations for their field application.

Speaker

Mei Si is the patent inventor of Grant No: MY-208473-A and the Co-Founder of CRT Manufacturing. As a passionate advocate for green construction solutions, she is driving Malaysia's transition toward composite reinforcement by working closely with key government and regulatory bodies, including CIDB, SIRIM Berhad, JKR, MIDA, and numerous municipal councils.

A graduate of the University of Northumbria, UK, Mei Si earned First-Class Honours in Computing Studies and was recognised as both Valedictorian and Super Achiever Scholar in 2007. Since 2020, she has been a contributing member of SIRIM's Working Group on Reinforcing Material for Construction, and since 2022, she has served on the JSM Working Group for Structural Reinforced Concrete with GFRP Bars (NSC 04/TC 21/WG 11). A respected thought leader in the construction sector, she is frequently invited to speak at major industry platforms.



Ms. Huang Mei Si

Registration Fee (inclusive of 8% SST)

ACEM member firms RM 35.00 per person

Others RM 65.00 per person

(E-certificate of attendance will be issued, subject to full attendance)

Please click link <https://klinksini.my/uDBF9> or scan QR code for online registration.



For further enquiries, please contact the ACEM secretariat at tel. 012 5290031 or e-mail to vivien@acem.com.my