

# WEBINAR

**27<sup>th</sup> September 2022**  
(Tuesday)

**9.00 am-1.00 pm**  
(Local Time in Kuala Lumpur, Malaysia)

**WeBEX Virtual Platform**



International Centre for Genetic  
Engineering and Biotechnology



UNIVERSITI  
KEBANGSAAN  
MALAYSIA  
National University Of Malaysia

## Fundamentals of Electrochemistry & Rapid Prototyping

To share basic knowledge on the fundamentals of electrochemistry, basic electronics and their application to electrochemistry sensing applications as well as the basics of 3D printing

This workshop training will be virtually conducted for young scientists from ICGEB member countries. Participants will receive an email with a meeting link inviting them to join/participate in this free-of-charge training course

### TECHNICAL TRAINING PROGRAMME

27 September 2022 (Tuesday)

TIME	ACTIVITY
9.00 am-10.00 am	Lecture: <b>Fundamental of Electrochemistry</b> (Assoc. Prof. Ts. Dr. Loh Kee Shyuan, Senior Research Fellow, UKM Fuel Cell Institute)
10.00 am-11.00 am	Lecture: <b>Basic Electronics &amp; its application to Electrochemistry Sensing Applications</b> (Assoc. Prof. Dr. Gan Kok Beng, UKM Faculty of Engineering and Built Environment)
12.00 pm-12.30pm	Lecture: <b>Basic of 3D Printing</b> (Assoc. Prof. Dr. Gan Kok Beng, UKM Faculty of Engineering and Built Environment)
12.30 am-1.00 pm	Demonstration: <b>3D Printing Demonstration</b> (Laboratory Technician, UKM Faculty of Engineering and Built Environment)

### Trainers of this training



Assoc. Prof. Dr. Gan Kok Beng is an Associate Professor in the Department of Electrical, Electronic & Systems Engineering, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia. His recent projects related to drone technology, biomedical optics, embedded system and artificial intelligent for medical application. Dr. Gan also actively serves as a reviewer for several WoS journals in Biomedical Engineering field such as Frontiers in Medicine, Frontiers in Oncology, Measurement (Elsevier), Frontiers in Public, IEEE Access and many more.

**Assoc. Prof. Dr. Gan Kok Beng**



Assoc. Prof. Ts. Dr. Loh Kee Shyuan received his PhD in Chemistry from the Universiti Kebangsaan Malaysia (UKM) in 2008. In 2009, he joined the Fuel Cell Institute UKM where he is currently a Associate Professor with research interests involve nanostructure electrocatalyst materials and polymer electrolyte membrane for fuel cell applications. He has published more than 100 peer reviewed indexed articles with an h-index of 27.

**Assoc. Prof. Ts. Dr. Loh Kee Shyuan**

**DEADLINE: 15 September 2022**

To register, please fill up the registration form → <https://forms.gle/5zLTQx9d7grGpbreA> before the 15<sup>th</sup> of September 2022.

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