



**Agenda**  
**“How to select GC Column”**  
**&**  
**“Direct injection Solid sample to GC/GCMS by Pyrolysis technique”**  
**(Thai version)**

Date: 8 March 2023

Place: Faculty of Science, Mahidol University.

Speaker: Mr. Warin Chungpattanawadee  
General Manager, C.E. Combination Co., Ltd.

08:45 – 09:00	Registration
09:00 – 10:00	How to select GC column Part I
10:00 – 10:15	Coffee Break
10:15 – 12:00	How to select GC column Part II
12:00 – 13:00	Lunch
13:00 – 14:30	Direct injection Solid sample to GC/GCMS by Pyrolysis technique
14:30 – 14:45	Coffee Break
14:45 – 16:00	Demonstration Portable Curie point Pyrolyzer.

#### Speaker Biography

Mr. Warin Chungpattanawadee is a **chromatographer with over 30 years of experience, focusing on industrial application challenges and trainer**. In 1989 graduated from The department of Biotechnology, faculty of Science, Mahidol university. He joint first job with Shimadzu distributor in Thailand since 1990 to 2000 for analysis challenges and customer training. In 2003 business develop with C.E.Combination co., ltd. as biggest shareholder of company.