

**Certificate CPD Course on
Municipal Sewage Treatment Works Planning, Design,
Construction, Commissioning, Operation and
Maintenance
25/11/2022 to 6/1/2023**

**Organised by
Institute of Bioresource and Agriculture (IBA)
and Department of Biology,
Hong Kong Baptist University**

The Government has committed multi-billions Hong Kong dollars budget to upgrading and provision of sewage treatment facilities in the territory for improvement of water quality of Hong Kong. The Hong Kong Baptist University would like to organize a certificate CPD course which aims at providing the local professionals with a structured frame starting from refreshing the basic sewage treatment concept, looking into the practical and hand-on experiences on sewage and sludge treatment works planning, design, project implementation, operation and maintenance and presenting to you the most state-of-art compact sewage treatment technologies with discussions on achieving energy neutral sewage treatment. The course is structured in seven lectures as in the following.

- Lecture 1** Sewage Treatment Fundamentals
- Lecture 2** Biological Sewage Treatment Process I
- Lecture 3** Biological Sewage Treatment Process II
- Lecture 4** Biological Sewage Treatment Process III and the Operating Experience in Shatin Sewage Treatment Works with Case Study
- Lecture 5** Vacuum Sewerage, Disinfection and Water Reclamation Technologies, Maintenance of Sewage Treatment Facilities, and Control of Nutrients in Sewage Effluent
- Lecture 6** Sewage Sludge Treatment
- Lecture 7** Achieving Energy Neutral Sewage Treatment & Compact Processes with end of course examination

Fee, Certificate, Language, Enquires and Registration

Certificate:	<p>Attendance certificates will be issued by IBA, Hong Kong Baptist University to the participants after each session for counting in their CPD purpose.</p> <p>A Full Sewage Treatment Works Planning, Design, Construction, Commissioning, Operation and Maintenance Certificate will also be endorsed by IBA, Hong Kong Baptist University and issued to the participants who registered and attended all sessions and successfully passing the end-of-course appraisal and assessment.</p>
Fee:	<p>For ASME, CIWEM, IMechE, IET, IChemE, HKIE, HKIQEP, and HKWMA Members HK\$1,000 per session HK\$6,300 for the complete course</p> <p>For Other Participants HK\$1,200 per session HK\$8,000 for the complete course</p>
Enquiries and Registration:	<p>Reservations will be confirmed upon receipt of payment and availability of places on first-come-first-served basis. Successful applicants will be informed via e-mail. Cheque must be made payable to "Hong Kong Baptist University" and be sent, together with the registration form, to the IBA office. The organizing committee reserves the right to allot the registration to members of the organizing institutions in case of over subscription.</p>
Language:	English
Speaker:	<p>Ir YU Shuk Man Senior Resident Engineer (Process/Electrical & Mechanical) for DSD Contract No. DC/2018/03, Binnies Hong Kong Limited.</p> <p>Ir Yu is a chartered mechanical, marine, electrical, building services, and environmental engineer and has more than 30 years hands-on experience in the design, supervision of construction, testing, commissioning, research and development work, operation and maintenance of municipal sewage treatment plants and systems.</p>
Assistant:	<p>Mr Alaster Chan Assistant Resident Engineer (Process) for DSD Contract No. DC/2018/03, Binnies Hong Kong Limited</p>
Course Administrators:	<p>Prof. Jonathan W.C. Wong Tel. 852 3411 7056 Fax. 852 3411 2355 Email: arcpe@hkbu.edu.hk</p> <p>Address: SCT707, Cha Chi-ming Science Tower, Ho Sin Hang Campus, Hong Kong Baptist University, Kowloon Tong, Hong Kong SAR</p>
Deadline of application:	<p>15/10/2022</p> <p>Course information/registration form is also available from web site http://arcpe.hkbu.edu.hk</p>

Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker*
S1	Lecture 1: Sewage Treatment Fundamentals	25/11/2022 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu
S2	Lecture 2: Biological Sewage Treatment Process I	2/12/2022 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu
S3	Lecture 3: Biological Sewage Treatment Process II	9/12/2022 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu
S4	Lecture 4: Biological Sewage Treatment Process III and the Operating Experience in Shatin Sewage Treatment Works with Case Study	16/12/2022 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu
S5	Lecture 5: Vacuum Sewerage, Disinfection and Water Reclamation Technologies, Maintenance of Sewage Treatment Facilities, and Control of Nutrients in Sewage Effluent	23/12/2022 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu
S6	Lecture 6: Sewage Sludge Treatment	30/12/2022 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu
S7	Lecture 7: Achieving Energy Neutral Sewage Treatment & Compact Processes with end-of course examination	6/1/2023 18:30pm – 21:30pm RRS905, HKBU	Ir S M Yu

* - Assistant: Mr Alaster Chan

The organizers reserve the right to change the course topics, venue, time and speakers