

IES Preparation Course for PPE Examination Part 2 -

Mechanical Engineering – Cold and Hot Water Services & Sanitary Plumbing Systems within Buildings

Date : 17, 19, 24 & 26 July 2024 (Wednesdays & Fridays)

Time: 6.30pm to 9.45pm

**Venue: IES Academy@e2i, Devan Nair Institute for Employment and Employability.
80 Jurong East Street 21 #04-10 Singapore 609607**

CPD Hours : 12 PDU(PEB & CEng) - To Be Confirmed

Fees * : \$610.40Nett (IES Members) \$763.00Nett (Non-Members)

Funding: UTAP – Approved SFC FUNDING [Course ID: TGS-2022013830](#)

The Practice of Professional Engineering Examination Part 2 (Mechanical) has been implemented since 2007. The paper aims to examine candidates on their proficiency in the practice of mechanical engineering at a professional level. Candidates are expected to have a good knowledge of the regulatory requirements and practices in Singapore. In particular, knowledge is required in the areas of regulatory frameworks, submission and approval procedures, statutory acts and regulations, practice guidelines and codes of practices.

The course aims to equip participants and interested parties with knowledge in the field of: **Cold and Hot Water Services & Sanitary Plumbing Systems within Buildings**, which are **two of the topics** in the syllabus of the PPE Examinations Part 2. Salient points and working knowledge of the relevant regulations, by-laws, Acts and accepted/approved codes of practices, circulars issued by the Authorities will be covered in this preparatory course.

Course Outline / Outcomes

1st Session

- Preparations for the Practice of Professional Engineering Examination Part 2 (Mechanical) - 30mins
- Salient points of CP48: Code of practice for Water Services - 1hr 30mins
- Public Utilities (Water Supply) Regulations - 1hr

2nd Session

- Design considerations for Cold and Hot Water Services within Buildings - 1hr 30mins
- Working examples for Cold and Hot Water Services within Buildings from past questions from the Practice of Professional Engineering Examination Part 2 (Mechanical) - 1hr 30mins

3rd Session

- Salient points of the Code of practice for Sewerage and Sanitary works - 2hr
- Sewerage and Drainage (Sanitary Works and Sewerage Works) Regulations - 1hr

4th Session

- Design considerations for Sanitary Plumbing Systems within Buildings - 1hr 30mins
- Working examples for Sanitary Plumbing Systems within Buildings from past questions from the Practice of Professional Engineering Examination Part 2 (Mechanical) - 1hr 30mins

Target Audience

Any interested parties but this course will benefit individuals who are aspiring to be professional engineers and participants who are preparing for the Practice of Professional Engineering Examination Part 2

Profile of Trainer

Er. Sathish Kumar

B.Eng (Mechanical Engineering)

Professional Engineer (Mechanical Engineering)

Er. Sathish is currently a Principal Engineer at CASY Engineering Consultancy Pte Ltd. He graduated with Second class Honours (Upper) in Mechanical Engineering with specialization in Aeronautical Engineering from the National University of Singapore in 2014.

Er. Sathish has close to a decade of experience in the built environment sector with CASY Engineering Consultancy Pte Ltd, where he handles M&E consultancy for building services, handles calculations related to mechanical designs such as tanks, pressure vessels etc and conducts inspections for Tanks, Gas pipelines, Amusement Rides, Lifts & Escalators and Fire Certification.

Registration Form

IES Preparation Course for PPE Examination Part 2 - Mechanical Engineering – Cold and Hot Water Services & Sanitary Plumbing Systems within Buildings 3rd Run

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Please register online/mail/fax the completed form **by 9 July 2024 Before 3pm** to:
Karen Phua

IES Academy@e2i, Devan Nair Institute for Employment and Employability,
80 Jurong East Street 21, #04-10 S(609607) (Tel) 6463 9211 Email: karen@iesnet.org.sg

Participant Details

Name : _____ NRIC : _____

Company : _____ Designation: _____

Address : _____

Postal Code : _____ Sex : _____ Male / Female

Tel : _____

Email : _____

Please indicate : ☐ IES members IES M'ship No.: _____ P.E. No.: _____ (if applicable)
☐ Non-members ☐ Sponsored by company

Contact Person Details (if different from participant)

Name : _____ Designation: _____

Tel : _____ Email: _____

Payment Details

Payment via bank transfer or PayNow. All Fees are inclusive of 9% GST.

Beneficiary: IES

Academy Pte Ltd Bank:

United Overseas Bank

SWIFT: UOVBSGSG

Bank Code: 7375

Branch Code: 016

Bank Account number: 339-326-153-4

PayNow:

IES Academy Pte Ltd

UEN:202026912H



Acceptance of Terms and Conditions for Registrations of IES Academy's Events

Name : _____ Signature: _____

TERMS & CONDITIONS

Registration

Any registration, whether on-line or fax will be on a ***first-come-first-served basis*** and will only be confirmed upon receipt of full payment by Engineers Singapore Pte Ltd unless otherwise invoice to company. All registrations must be submitted with duly completed registration form.

Closing Date & Payment

The closing date of the event will be 1 week prior to event commencement date or earlier.

Confirmation of Registration

Confirmation of registration will be given at least 1 week before the commencement date via email. ***If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.***

IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees

Written notice *at least 1 week in advance* before the commencement of the event
Full course fee shall be refunded subjected to 4.5% transaction charge. NO refund otherwise.
No show of participant would not be accepted as a valid reason for withdrawal/refund.

One time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement

Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if any Event is cancelled by IESA.

UTAP (Union Training Assistance Programme) is an individual skill upgrading account especially for NTUC members. As a member, you enjoy UTAP funding at 50% of the unfunded course fee capped at \$250 every year.

Please visit [HERE](#) for more information on UTAP claim.

PERSONAL DATA PROTECTION ACT

I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer to [here](#).

Enquiries

For further enquiries, please contact IESA general office at Tel: 6463 9211.