



## APPLIED POLYMERIC MATERIAL TECHNOLOGIES AND PROCESSING TECHNIQUES WORKSHOP

Polymeric materials are widely used in many industrial applications, spanning from medical, aerospace, food to electronics. Though, basic polymer processing activities are no longer carried out in Singapore nowadays, expertise in polymer technologies, product design and processing techniques are still very much needed in various Singapore industries.

The purpose of this training workshop, jointly organised by Singapore Polytechnic School of Chemical & Life Science (SP-CLS) and the Plastics & Rubber Institute of Singapore (PRIS), is to provide a platform to upgrade polymer materials and processing technologies of personnel working in material related areas to meet the needs of Singapore industries. The training will be conducted by instructors with many years of industrial experiences in materials technologies and polymer processing. Hand-on sessions will be conducted in the Materials Performance Centre of Singapore Polytechnic. Certificate of attendance will be issued to participants who had completed the workshop.

### Training Date & Venue

**Date** : 9<sup>th</sup> & 10<sup>th</sup> March 2023

**Venue:** Singapore Polytechnic  
Materials Performance Centre

**Time** : 8:45am to 5:30pm



### Who should attend

- Technical or sales personnel working in polymer and processing areas.
- Others who are interested to know more about polymer materials and processing.

### Programme Schedule

#### Day 1:

Session 1 – Introduction: Polymerisation, Properties & Processing of Polymer Materials

Session 2 – Thermoplastics, Elastomers, Thermosets & Industry Applications

Session 3 – Physical & Thermal Properties of Polymers & Identification of Polymers

Session 4 – Mechanical & Rheological Properties of Polymers

#### Day 2:

Session 5 – Fundamentals of Polymer Processing & Moulding Process

Session 6 – Fundamentals of Polymer Injection Mould Design

Session 7 – Polymer Injection Moulding Defects & Trouble Shooting Techniques

Session 8 – Injection Moulding & Mechanical Testing Hands-on/ Quiz Assessment



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## REGISTRATION FORM

### Applied Polymeric Material Technologies and Processing Techniques Workshop 9<sup>th</sup> & 10<sup>th</sup> March 2023

Name of Participant : \_\_\_\_\_ (Mr / Ms)

Job Position : \_\_\_\_\_

Company Name : \_\_\_\_\_

Company Address : \_\_\_\_\_  
\_\_\_\_\_

Contact Email : \_\_\_\_\_

Participant Contact No. : \_\_\_\_\_

#### Registration Fee

- ❖ Early bird discount registration before 10 February 2023
  - PRIS Member = \$650; Non-member = \$750
- ❖ Registration from 10 February 2023
  - PRIS Member = \$750; Non-member = \$850
- ❖ Fee includes training notes, tea break and lunch for two days
- ❖ For enquiry on workshop, please contact Ms Agnes Siah at [secretarysupport@pris.org.sg](mailto:secretarysupport@pris.org.sg)

#### Registration & Payment Instructions

1. Please fill in details and email completed registration form to Ms Agnes Siah at [secretarysupport@pris.org.sg](mailto:secretarysupport@pris.org.sg)
2. Participant will receive email notification upon confirmed registration by PRIS.
3. Participant will be notified to make payment via PayNow or Bank Transfer.
4. To request for e-invoice via Vendors@Gov, please contact Ms Agnes.
5. An official receipt will be issued upon successful registration and payment for workshop.
6. The closing date for registration is 1<sup>st</sup> March 2023.
7. Participant who wish to withdraw must inform by email before 1<sup>st</sup> March 2023.
8. Refund policy:
  - Before 1<sup>st</sup> March 2023, a 100% refund will be given.
  - After 1<sup>st</sup> March 2023, no refund will be given.

**Note:** Singapore Polytechnic follows guideline and advisory from the Public Service Division on Covid-19 measures. In event that the workshop is not able to commence due to prevailing Covid-19, the workshop will be postponed to a future date to be determined. PRIS is committed to conduct the workshop.