



# 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> December 2021 Venue: Singapore Polytechnic

Materials Performance Centre

#### 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



Do not miss this

rare training

opportunity.

Register NOW!!!





#### **REGISTRATION FORM**

# Applied Polymeric Material Technologies and Processing Techniques Workshop 9<sup>th</sup> & 10<sup>th</sup> December 2021

Name of Participant	(Mr/Ms)
Job Position	
Company Name	
Company Address	
Contact Email	
Contact Number	

#### **Registration Fee**

- ❖ Early bird discount registration before 19<sup>th</sup> November 2021
  - > PRIS Member = \$580; Non-member = \$680
- ❖ Registration from 19<sup>th</sup> November 2021
  - > PRIS Member = \$680; Non-member = \$780
- Fee includes training notes.
- \* For enquiry on workshop, please contact Ms Agnes Siah at <a href="mailto:secretarysupport@pris.org.sg">secretarysupport@pris.org.sg</a>

#### Registration & Payment Instructions

- 1. Please complete registration details and email form to Ms Agnes Siah at <a href="mailto:secretarysupport@pris.org.sg">secretarysupport@pris.org.sg</a>
- 2. Participant will receive email notification upon completed registration form received by PRIS.
- 3. Participant may then made payment via either bank transfer or cheque. PRIS is also registered at Vendors@Gov. Please arrange with Ms Agnes on payment mode.
- 4. An official receipt will be issued upon confirmation of workshop registration and payment.
- 5. The closing date for registration is 30<sup>th</sup> November 2021.
- 6. Participant who wish to withdraw must inform by email before 30<sup>th</sup> November 2021.
- 7. Refund policy:
  - ➤ Before 30<sup>th</sup> November 2021, a 100% refund will be given.
  - > After 30<sup>th</sup> November 2021, 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.