

UNIVERSITY OF MORATUWA

## Department of Chemical and Process Engineering

# M. Sc. / PG Diploma in

### Polymer Technology

The above Postgraduate Course will commence in January 2021.

##### Eligibility Requirements:

* 1. The degree of Bachelor of Science of Engineering of the University of Moratuwa, in fields of Chemical and Process Engineering, Materials Science and Engineering, Mechanical Engineering and Textile and Clothing Technology.
  2. Any four year degree in Engineering, science or Technology in a relevant field from a recognized university, as may be approved by the Senate.
  3. Any four year degree in Engineering in any other field and a minimum of one year appropriate experience.
  4. Any three year degree in Engineering,Science or Technology in a relevant field from a recognized university with a minimum period of one year appropriate experience, as may be approved by the Senate.
  5. Any recognized category of membership of a recognized professional institution, obtained through an academic route, and a minimum of one year appropriate experience after obtaining such membership, as may be approved by the senate.

##### Curriculum:

Polymer Chemistry and Solution Properties of Polymers, Polymer Physics, Dry Rubber Technology, Latex Technology, Plastic Technology, Rubber Processing, Plastic Processing, Polymer Rheology, Heat Transfer in Polymer Systems, Polymer Characterization, Industrial Management, Design of Rubber and Plastic Products, Mould and Die Design, Plant Utility Systems, Special Studies, Polymer Composites, Blends and Alloys,Surface Coatings, Adhesives and Polyurethane Technology,Total Environmental Quality Management

As a partial fulfillment of the course, the selected students must perform a research project during the second year and produce an acceptable dissertation.

###### Duration:

M. Sc. **:** 2 years Part-time

PG Diploma : 1 year Part-time

Lectures will be conducted on Saturdays and Sundays from 8.00 a.m. to 5.00 p.m.

**Course Fees:**

Tuition fees (local candidates) : M. Sc. - Rs. 250,000/=

PG Diploma - Rs. 200,000/=

Tuition fees (international candidates) -Corresponding fees for local candidates plus US$ 2000 per year

Registration and Examination fees plus Library deposits will have to be paid in addition to the tuition fees.

**Application:**

Further information and application forms may be obtained online from the web site <http://www.cpe.mrt.ac.lk> or by sending a self-addressed stamped envelope (10.00mmx22.5mm) to Dr. Thushara Subasinghe, Course Coordinator- MSc/PG Dip in Polymer Technology, Department of Chemical and Process Engineering, University of Moratuwa.

Tel: 2650301 Ext 4119 Fax: 2650622, e-mail: thusharas@uom.lk

**Closing date of application is 31st October 2020.**

**Registrar,**

**University of Moratuwa**