



M. Sc. in Polymer Technology

PG Diploma in Polymer Technology



University of Moratuwa

Department of Chemical and Process Engineering

Commencing in June of 2023.. Extended Application deadline 14th of May 2023

Eligibility Requirements

- ◇ The degree of Bachelor of the 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.
- ◇ Any four year degree in Engineering, Science or Technology in a relevant field from a recognized university, as may be approved by the Senate.
- ◇ Any four-year degree in Engineering in any other field and a minimum of one-year appropriate experience.
- ◇ 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.
- ◇ 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 Aloys, 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.

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. (Hybrid mode)

Course Fees (local candidates)

M. Sc. / PG Diploma

Rs. 360,000/=

Inquiries and Applications

Dr P.W.Vidanage (Course Coordinator) , M. Sc./PG Diploma in Polymer Technology

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