

Diploma in Polymer Science Engineering

Eligibility	S.S.C with Work Experience
Duration	1 - 3 Year
Fees	27,500.00
Syllabus	<p>Part I</p> <ol style="list-style-type: none">1. Polymer Chemistry - II2. Unit Operation in Chemical Engineering3. Polymer in Environment, Rheology & Processing of Polymers4. Mould & Die Designing <p>Part II</p> <ol style="list-style-type: none">1. Introduction to Fiber Science & Rubber Technology2. Polymer Blends & Composites3. Plastics & Composite Application4. Polymer Testing & Specifications <p>Final Year</p> <ol style="list-style-type: none">1. Engineering & Specialty Polymers2. Paints – Coating & Adhesives3. Elastic – Plastic fracture4. Polymer Product Design

BACHELOR PROGRAM IN POLYMER SCIENCE ENGINEERING

Eligibility	3 Years Diploma or HSC with 3 years Work Experience
Duration	1 - 4 Year
Fees	37,500.00
Syllabus	<p>SEM I</p> <ol style="list-style-type: none">1. Polymer Chemistry - II2. Unit Operation in Chemical Engineering3. Polymer in Environment, Rheology & Processing of Polymers4. Mould & Die Designing <p>SEM II</p> <ol style="list-style-type: none">1. Introduction to Fiber Science & Rubber Technology2. Polymer Blends & Composites3. Plastics & Composite Application4. Polymer Testing & Specifications <p>SEM III</p> <ol style="list-style-type: none">1. Engineering & Specialty Polymers2. Paints – Coating & Adhesives3. Elastic – Plastic fracture4. Polymer Product Design <p>SEM IV</p> <ol style="list-style-type: none">1. Organic Chemistry2. Applied Mathematics3. Applied Physics

4. Inorganic Chemistry

SEM V

1. Engineering Graphics-I
2. Physics Laboratory
3. Inorganic Chemistry Laboratory
4. Organic Chemistry Laboratory

SEM VI

1. Material & Energy Balance Calculations
2. Engineering Applications of Computers
3. Communication Skills
4. Organic Chemistry Laboratory

SEM VII

1. Organic Chemistry Laboratory
2. Technology of Thermo set Polymers
3. Analytical Chemistry Laboratory
4. Analysis & Characterization of raw

SEM VIII

1. materials & polymers
2. Compounding & processing of polymers- I
3. Design & Fabrication of Molds I
4. 4. Structure property relationship
5. Mold Designing