Diploma in Polymer Science Engineering

Eligibility	S.S.C with Work Experience
Duration	1 - 3 Year
Fees	27,500.00
Syllabus	**Part I** 1. Polymer Chemistry - II 2. Unit Operation in Chemical Engineering 3. Polymer in Environment, Rheology & Processing of Polymers 4. Mould & Die Designing **Part II** 1. Introduction to Fiber Science & Rubber Technology 2. Polymer Blends & Composites 3. Plastics & Composite Application 4. Polymer Testing & Specifications **Final Year** 1. Engineering & Specialty Polymers 2. Paints – Coating & Adhesives 3. Elastic – Plastic fracture 4. 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	**SEM I**

1. **Polymer Chemistry - II**
2. **Unit Operation in Chemical Engineering**
3. **Polymer in Environment, Rheology & Processing of Polymers**
4. **Mould & Die Designing**

SEM II

1. **Introduction to Fiber Science & Rubber Technology**
2. **Polymer Blends & Composites**
3. **Plastics & Composite Application**
4. **Polymer Testing & Specifications**

SEM III

1. **Engineering & Specialty Polymers**
2. **Paints – Coating & Adhesives**
3. **Elastic – Plastic fracture**
4. **Polymer Product Design**

SEM IV

1. **Organic Chemistry**
2. **Applied Mathematics**
3. **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**