

PG Diploma in Polyurethane Technology

Jointly offered by Gautam Buddha University &
Indian Polyurethane Association

Course Starting September 2024
Duration 1 year (2 semesters)
Program Code PGV02



Admission Starting From July 2024

Institute

School of Vocational Studies &
Applied Sciences,
Gautam Buddha University,
Greater Noida (U.P. 201312)

Eligibility

Bachelor's of Science
Chemical Engineers/M.Sc
can also apply

About Polyurethanes

They are the most versatile polymers that can range from soft to hard, breathable to non-permeable, very low (10 kg/m³) to very high densities (1500kg/m³), thermoset or thermoplastic, flexible to rigid. The end uses to name a few are Insulation (buildings, refrigeration, cold chain, etc), Automotive (seats, carpet, roof, steering wheel, etc), footwear (sole, adhesive, laminations), furniture, bedding, CASE (coatings, adhesives, sealants, elastomers, binders and many more).



Course Content

- Polyurethane (PU) Chemistry
- Overview of various PU applications
- Processing techniques for PU Slabstock foam, PU Molded foam, PU Coatings, Adhesives, sealants and Elastomers
- PU Material Testing

Experimentation on:

- Testing of Raw Materials
- Synthesis and testing of PU Foam
- Hands on training

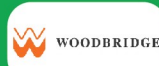


Job Opportunities

Job opportunities in comfort, infrastructure, mobility, furniture, footwear, coatings and paints, other sectors etc.

Industry Exposure

Thorough Internships With Top Organisations



Unique Features

- Only university to offer a Postgraduate Diploma specialising in Polyurethane in India
- Industry-driven curriculum designed by GBU & IPUA
- Focus on practical skills, theory, and industry exposure

Course Coordinator

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