



# FIRST TIME EVER!

**Gautam Buddha University (GBU), Greater Noida and Indian Polyurethane Association (IPUA) are jointly starting a Post Graduate Diploma Course in Polyurethane Technology. To the best of our knowledge there is no such course on Polyurethane Technology being conducted through a University for this duration.**

### **About Polyurethanes:**

- They are the most versatile polymers that can range from soft to hard, breathable to non-permeable, very low (10 kg/m<sup>3</sup>) to very high densities (1500kg/m<sup>3</sup>), 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).

### **Program Details:**

**Unique collaboration** between Industry and academia. Course design, skill and learning will be a **joint effort of GBU and IPUA**. This program will delicately balance practical work, skill, theoretical knowledge and industry exposure.

### **Course Objective:**

To build a skilled workforce for Indian polyurethane industry.

### **Upon completion of the course students will get an overview of:**

- Numerous industrial application of polyurethanes.
- Chemistry, formulations, physico-chemical characterization, unique features of various polyurethanes and structure property correlation.
- Various processing techniques used for polyurethanes production.
- Hands on experience to work in the lab.
- Industry exposure from internships.

### **Job Opportunities:**

**As this is industry focused course, the students will have an opportunity to join raw material manufacturers (Indian or MNC), equipment manufacturers, techno-commercial roles or in the wide range of polyurethane processing Industry or research and development.**

Course Name: PG Diploma in Polyurethane Technology,  
School of Vocational Studies & Applied Sciences,  
Program Code PGV02.  
Please visit <http://www.gbu.ac.in/>

- Duration : 1 year (2 semesters)
- Starting from : September 2020 at GBU
- Eligibility : Bachelors/Masters degree in Science or Engineering