

Faculty of Technology

List of Online Courses

Department of Chemical Engineering

S. No.	Courses Title	Source
1.	A Hands-on Introduction to Engineering Simulations	Edx
2.	Writing, Presenting and Submitting Scientific Papers in English	Edx
3.	Biobased Processes & Implementation	Edx
4.	Introduction to Programming Using Python	Edx
5.	Statistical Thermodynamics: Molecules to Machines (Mech. Engg Oriented)	Coursera
6.	Oil & Gas Industry Operations and Markets	Coursera
7.	Aspen HYSYS - Basic Process Modeling	Udemy
8.	Applied Time Series Analysis	NPTEL
9.	Chemical Process Instrumentation	NPTEL
10.	Engineering Economic Analysis	NPTEL
11.	Fluidization Engineering	NPTEL
12.	Introduction to Process Modeling in the Membrane Separation Processes	NPTEL
13.	Product Design and Development	NPTEL
14.	Waste to Energy Conversion	NPTEL
15.	MATLAB Programming for Numerical Computation	NPTEL
16.	Speaking Effectively	NPTEL
17.	Business English Communication	NPTEL
18.	Patent Drafting for Beginners	NPTEL

Department of Leather Technology

B. Tech. Leather Technology

S. No.	Courses Title	Source
1.	How the brain creates mind	IITK
2.	Management of new Products and Services	IITK
3.	Product design and manufacturing	IITK
4.	Enhancing soft skills & personality	IITK
5.	Biochemistry	IITKGP
6.	Better spoken English	IITM

M. Tech. Leather Technology

S. No.	Courses Title	Source
1.	Principles of downstream techniques in bioprocess	IITM
2.	Introduction to Professional scientific communication	IITK
3.	surface engineering of nanomaterials	IITR
4.	Supply chain analytics	IITR
5.	Aspects of biochemical engineering	IITKGP
6.	Rheology of complex materials	IITM

M. Tech. Footwear Science & Engineering

S. No.	Courses Title	Source
1.	Introduction to professional scientific communication	IITK
2.	Principles and applications of building science	IITR
3.	Supply chain analytics	IITR
4.	Theory and practice of non-destructive testing	IITM
5.	Manufacturing process technology I & II	IITK
6.	Virtual reality engineering	IITM

Department of Ceramic Technology

S. No.	Courses Title	Source
1.	Fluid Mechanics	NPTEL
2.	Basic Thermodynamics	NPTEL
3.	Computational Approach to Materials Science & Engineering	NPTEL
4.	Advanced Ceramics for Strategic Applications	NPTEL
5.	Nanostructures & Nanomaterials: Characterization and Properties	NPTEL

