

ANNA UNIVERSITY, CHENNAI
FACULTY OF MECHANICAL ENGINEERING
LIST OF ONLINE COURSES

DEPARTMENT OF MECHANICAL ENGINEERING		
SL.NO.	COURSE TITLE	SOURCE
UG & PG		
1.	Smart Materials and Intelligent System Design	NPTEL
2.	Product Design and Innovation	NPTEL
3.	Robotics	NPTEL
4.	Computational Fluid Mechanics	NPTEL
5.	Engineering Fracture Mechanics	NPTEL
6.	Farm Machinery	NPTEL
7.	Fabrication Techniques for MEMs-based sensors clinical perspective	NPTEL
8.	Innovation, Business Models and Entrepreneurship	NPTEL
9.	Introduction to Operations Research	NPTEL
10.	Knowledge Management	NPTEL
11.	Manufacturing of Composites	NPTEL
DEPARTMENT OF INDUSTRIAL ENGINEERING		
SL.NO.	COURSE TITLE	SOURCE
UG & PG		
1.	Six Sigma	NPTEL
2.	Python for Data Science	EDX
3.	Business Analytics for Management Decision	NPTEL
4.	Business Analysis and Data Mining Modeling using R	NPTEL
5.	Theory of Production Processes	NPTEL
6.	Introduction to Cognitive Psychology	NPTEL
7.	Introduction to Machine Learning	NPTEL
DEPARTMENT OF MANUFACTURING ENGINEERING		
SL.NO.	COURSE TITLE	SOURCE
UG & PG		
1.	Engineering Manufacturing Systems Technology	NPTEL
2.	Robotics: Locomotion Engineering	EDX
3.	Six Sigma	NPTEL
4.	Python for Data Science	EDX
5.	Business Analytics for Management Decision	NPTEL
6.	Business Analysis and Data Mining Modeling using R	NPTEL
7.	Introduction to Machine Learning	NPTEL

DEPARTMENT OF AEROSPACE ENGINEERING		
SL.NO.	COURSE TITLE	SOURCE
UG		
1.	Joy of Computing using Python	NPTEL
2.	Non-conventional Energy Resources	NPTEL
3.	Machine Learning for Engineering and Science Applications	NPTEL
4.	Rapid Manufacturing	NPTEL
PG		
5.	Satellite Attitude Dynamics and Control	NPTEL
6.	Material Characterization	NPTEL
DEPARTMENT OF AUTOMOBILE ENGINEERING		
SL.NO.	COURSE TITLE	SOURCE
UG		
1.	Introduction to Internet of Things	NPTEL
2.	E-Business	NPTEL
3.	Advanced Composites	NPTEL
4.	Work System Design	NPTEL
PG		
5.	Automation and Controls	NPTEL
6.	Business Analytics for Management Decision	NPTEL
7.	Six Sigma	NPTEL
8.	Design and Optimization of Energy Systems	NPTEL
DEPARTMENT OF MINING ENGINEERING		
SL.NO.	COURSE TITLE	SOURCE
UG & PG		
9.	Computational Fluid Dynamics	NPTEL
10.	Hydration, Porosity & Strength of Cementitious Materials	NPTEL
11.	Environmental Remediation of Contaminated Sites	NPTEL
12.	Subsurface exploration Importance and Techniques involved	NPTEL
13.	Geosynthetics and Reinforced Soil Structures	NPTEL
14.	English Language for Competitive Exams	NPTEL
15.	Business Statistics	NPTEL
16.	Probability and Statistics	NPTEL
17.	Introduction to Fluid Mechanics	NPTEL
18.	Matlab Programming for Numerical Computation	NPTEL