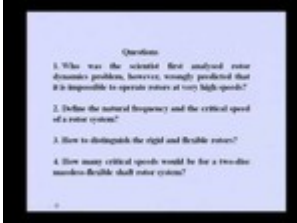
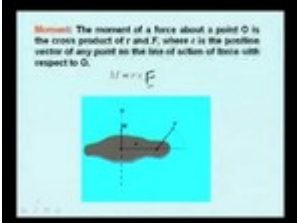
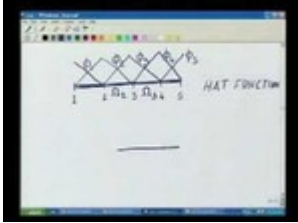
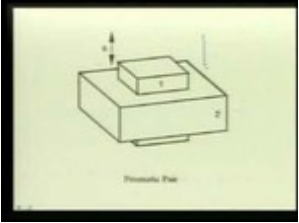
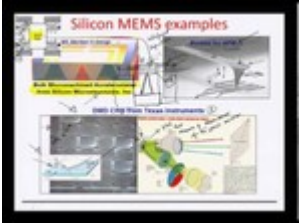
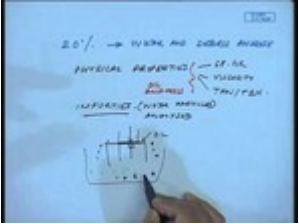
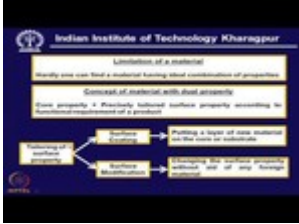
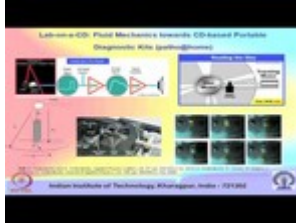
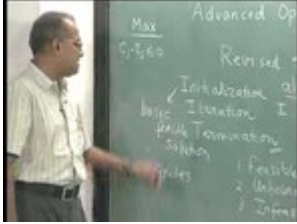
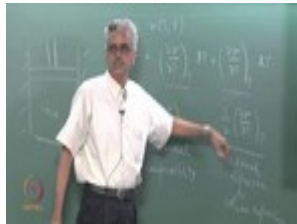
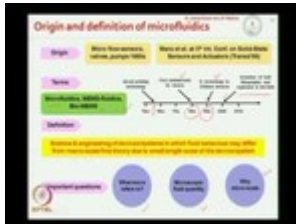
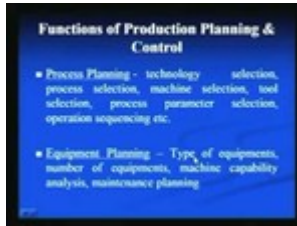


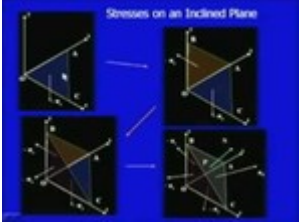
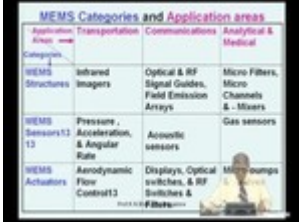
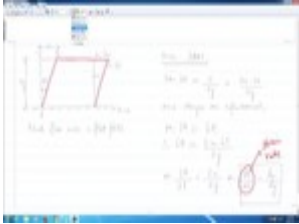
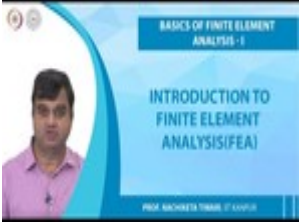
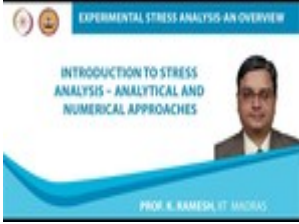
MECHANICAL ENGINEERING (189 COURSES)

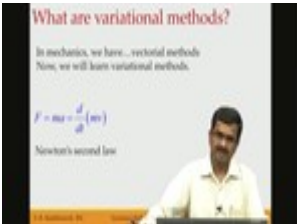
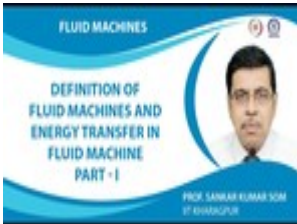
Convective Heat and Mass Transfer	Cryogenic Engineering	Advanced Strength of Materials	Heat and Mass Transfer	Robotics
 112101002	 112101004	 112101095	 112101097	 112101099
Tribology	Computer Aided Design and Manufacturing	Project and Production Management	Nonlinear Vibration	Theory and Practice of Rotor Dynamics
 112102014	 112102101	 112102106	 112103023	 112103025
Engineering Mechanics	Mechanical Vibrations	Acoustics	Advanced Machining Processes	Biomicroelectromechanical systems
 112103108	 112103112	 112104026	 112104028	 112104029

Computer Aided Engineering Design	Mathematical Methods in Engineering and Science	Dynamics of Machines	Finite Element Method	Kinematics of Machines
 112104031	 112104035	 112104114	 112104115	 112104121
Advanced manufacturing process for micro system fabrication	Engineering Drawing	NOC:BioMEMS and Microsystems	Computational Fluid Dynamics	Machinery fault diagnosis and signal processing
 112104162	 112104172	 112104181	 112105045	 112105048
Solar Energy Technology	Technology of Surface Coating	Vibration of Structures	Basic Thermodynamics	Design of Machine Elements I
 112105051	 112105053	 112105055	 112105123	 112105124

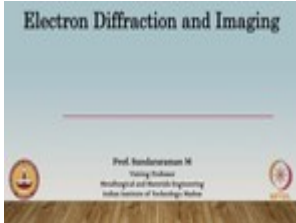
Manufacturing Processes II	Refrigeration and Air Conditioning	Fluid Mechanics	Introduction to Fluid Machines and Compressible Flow	Introduction to Fluid Mechanics and Fluid Engineering
 112105126	 112105128	 112105171	 112105182	 112105183
Advanced Gas Dynamics	Design and Optimization of Energy systems	Engineering Fracture Mechanics	Experimental Stress Analysis	Rocket Propulsion
 112106056	 112106064	 112106065	 112106068	 112106073
Advanced Finite Elements Analysis	Advanced Operations Research	Fundamentals of Operations Research	Introduction to Finite Element Method	Mechanical Measurements and Metrology
 112106130	 112106131	 112106134	 112106135	 112106138

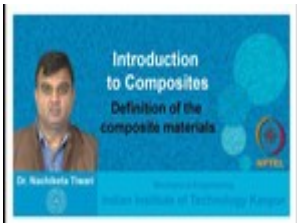
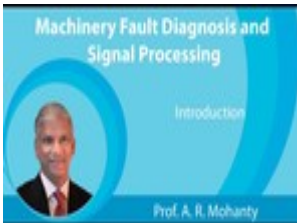
Principles of Mechanical Measurements	Spray Theory and Applications	Conduction And Radiation	Gas Dynamics and Propulsion	Microfluidics
 <u>112106140</u>	 <u>112106154</u>	 <u>112106155</u>	 <u>112106166</u>	 <u>112106169</u>
Convective Heat Transfer	Introduction to Explosions and Explosion Safety	NOC:Engineering Mechanics Statics and Dynamics	Advanced Manufacturing Processes	Computational Fluid Dynamics
 <u>112106170</u>	 <u>112106177</u>	 <u>112106180</u>	 <u>112107078</u>	 <u>112107079</u>
Processing of non metals	Vibration control	Welding Engineering	Industrial Engineering	Manufacturing Processes I
 <u>112107086</u>	 <u>112107087</u>	 <u>112107089</u>	 <u>112107143</u>	 <u>112107145</u>

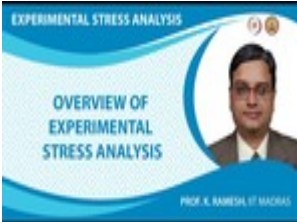
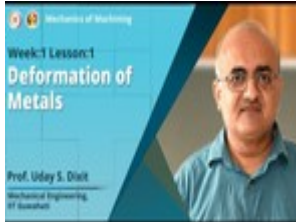
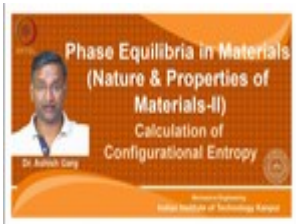
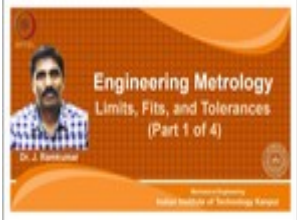
Strength of Materials	Micro and Smart Systems	Micro fluidics	NOC:Foundation of Computational Fluid Dynamics	NOC:Manufacturing Systems Technology
 112107147	 112108092	 112105187	 112106186	 112104188
NOC:Manufacturing Systems Technology - Part II	Fundamentals of Industrial Oil Hydraulics and Pneumatics	NOC:Conduction and Convection Heat Transfer	NOC:Vibrations of Structures	NOC:Introduction to Boundary Layers
 112104189	 112105047	 112105192	 112105197	 112106190
NOC:Basics of Finite Element Analysis	NOC:Fundamentals of Gas Dynamics	NOC:Basics of Noise and Its Measurements	NOC:Manufacturing Process Technology - Part I	NOC:Experimental Stress Analysis:An Overview
 112104193	 112106196	 112104194	 112104195	 112106198

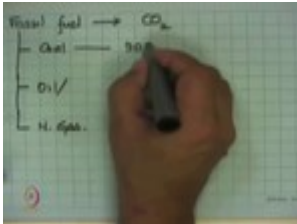
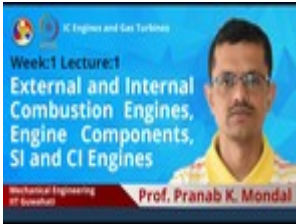
NOC:Variational Methods in Mechanics	NOC:Fluid Machines	NOC:Nature and Property of Materials	NOC:Manufacturing Process Technology - II	NOC:Basics of Finite Element Analysis - II
 112108201	 112105206	 112104203	 112104204	 112104205
NOC:Engineering Economic Analysis	NOC:Refrigeration and Air-Conditioning	NOC:Two Phase Flow and Heat Transfer	NOC:Fluid Dynamics and Turbomachines	NOC:Advanced Machining Processes
 112107209	 112107208	 112107207	 112106200	 112103202
NOC:Computer Numerical Control (CNC) of Machine Tools and Processes	Metrology	Metal Casting	NOC:Heat Transfer and Combustion in Multiphase Systems	NOC:Compliant Mechanisms: Principles and Design
 112105211	 112106179	 112107083	 112108212	 112108211

NOC:Introduction to Mechanical Vibration	NOC:Steam and Gas Power Systems	NOC:Principles of Casting Technology	NOC:Modelling and Simulation of Dynamic Systems	NOC:Joining Technologies of Commercial Importance
 112107212	 112107216	 112107215	 112107214	 112107213
NOC:Non Traditional Abrasive Machining Processes - Ultrasonic, Abrasive Jet Abrasive Water Jet Machining	NOC:Product Design and Development	NOC:Convective Heat Transfer	NOC:Introduction to Fluid Mechanics	NOC:Fundamentals of Acoustics
 112105212	 112107217	 112107211	 112105218	 112104212
NOC:Principles of Vibration Control	NOC:Manufacturing of Composites	NOC:Modelling and Simulation of Discrete Event System	NOC:Processing of Polymers and Polymer Composites	NOC:Spur and Helical Gear Cutting
 112104211	 112104221	 112107220	 112107221	 112105219

NOC:Laws of Thermodynamics	NOC:Energy Conservation and Waste Heat Recovery	NOC:Micro and Nano Scale Energy Transport	NOC:Steel Quality: Role of Secondary Refining and Continuous Casting	NOC:Fundamentals of Manufacturing Processes
 112105220	 112105221	 112106222	 112106226	 112107219
NOC:Heat Treatment and Surface Hardening-II	NOC:Phase Transformation in Materials	NOC:Electron Diffraction and Imaging	NOC:Acoustic and Noise Control	NOC:Sustainability through Green Manufacturing Systems: An Applied Approach
 112104219	 112104220	 112106223	 112106225	 112104225
NOC:X-ray Crystallography and Diffraction	NOC:Noise Management and Control	NOC:Applied Ergonomics	NOC:Metal Cutting and Machine Tools	NOC:Product Design and Manufacturing
 112106227	 112104227	 112104222	 112105233	 112104230

NOC:Transport Phenomena in Materials	NOC:Gear and Gear Unit Design: Theory and Practice	NOC:Traditional and Non-Traditional Optimization Tools	NOC:Design Practice	NOC:Mechanism and Robot Kinematics
 112106237	 112105234	 112105235	 112104228	 112105236
NOC:Advances in Welding and Joining Technologies	NOC:Automatic Control	NOC:Failure Analysis and Prevention	NOC:Mechanical Measurement System	NOC:Introduction to Machining and Machining Fluids
 112103244	 112107240	 112107241	 112107242	 112103245
NOC:Operations Management	NOC:Introduction To Composites	NOC:Convective Heat Transfer (2018)	NOC:Fundamentals of Nuclear Power Generation	NOC:Machinery Fault Diagnosis and Signal Processing
 112107238	 112104229	 112108246	 112103243	 112105232

NOC:Introduction to Mechanical Micro Machining	NOC:Theory of Production Processes	NOC:Experimental Stress Analysis: An Overview	NOC:RAC Product Design	NOC:Mechanics of Machining
 <u>112105231</u>	 <u>112107239</u>	 <u>112106247</u>	 <u>112102248</u>	 <u>112103248</u>
NOC:Principle of Hydraulic Machines and System Design	NOC:Introduction to Abrasive Machining and Finishing Processes	NOC:Theory of Rectangular Plates - Part 1	NOC:Phase Equilibria in Materials - Nature and Properties of Materials-II	NOC:Advanced Composites
 <u>112103249</u>	 <u>112103250</u>	 <u>112103251</u>	 <u>112104248</u>	 <u>112104249</u>
NOC:Engineering Metrology	NOC:Smart Materials and Intelligent System Design	NOC:Design Practice-II	NOC:Heat Exchangers: Fundamentals and Design Analysis	NOC:Robotics
 <u>112104250</u>	 <u>112104251</u>	 <u>112104252</u>	 <u>112105248</u>	 <u>112105249</u>

NOC:Mechanics of Human Movement	NOC:Design for Quality, Manufacturing and Assembly	NOC:Surrogates and Approximations in Engineering Design	NOC:Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations	NOC:Work System Design
 112106248	 112106249	 112106250	 112107248	 112107249
NOC:Principles of Metal Forming Technology	NOC:Thermodynamics	NOC:Principles of Mechanical Measurement	NOC:IC Engines and Gas Turbines	NOC:Fundamental of Welding Science and Technology
 112107250	 112102255	 112103261	 112103262	 112103263
NOC:Polymer Assisted Abrasive Finishing Processes	NOC:Rapid Manufacturing	NOC:Concepts of Thermodynamics	NOC:Electronic Packaging and Manufacturing	NOC:Kinematics of Mechanisms and Machines
 112103264	 112104265	 112105266	 112105267	 112105268

NOC:Radiative Heat Transfer	NOC:Weldability of Metals	NOC:Manufacturing Guidelines for Product Design	NOC:Inspection and Quality Control in Manufacturing	NOC:Financial Mathematics
 112107256	 112107257	 112107258	 112107259	 112107260
NOC:Introduction to Fluid Mechanics (2019)	Theory of Mechanism	NOC:Solid Mechanics	NOC:Mathematical Modeling Of Manufacturing Processes	NOC:Two-Phase flow with phase change in conventional and miniature channels
 112105269	 112106270	 112102284	 112103273	 112103274
NOC:Applied Thermodynamics For Engineers	NOC:Fundamentals of Conduction and Radiation	NOC:Steam Power Engineering	NOC:Dynamic Behaviour Of Materials	NOC:Plastic Working Of Metallic Materials
 112103275	 112103276	 112103277	 112103278	 112103279

NOC:Fundamentals Of Artificial Intelligence	NOC:Aircraft Propulsion	NOC:Turbulent Combustion: Theory and Modelling	NOC:Manufacturing Automation	NOC:Advanced Concepts in Fluid Mechanics
July - October 2019  112103280	July - October 2019  112103281	July - October 2019  112104272	July - October 2019  112104288	July - October 2019  112105287
NOC:Engineering Mechanics	NOC:Product Design Using Value Engineering	NOC:Selection Of Nanomaterials For Energy Harvesting And Storage Application	NOC:A Short Lecture Series on Contour Integration in the Complex Plane	
July - October 2019  112106286	July - October 2019  112107282	July - October 2019  112107283	July - October 2019  112108285	