
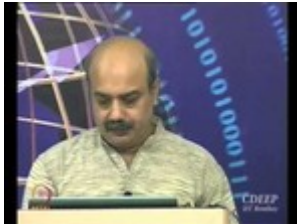
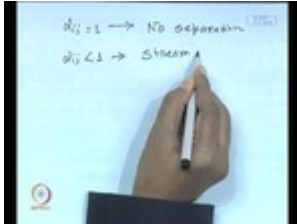
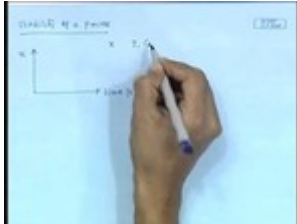

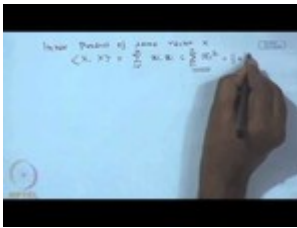









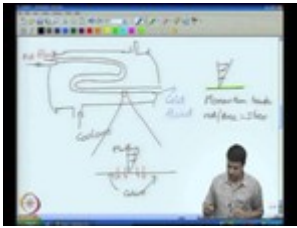
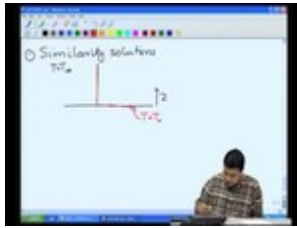
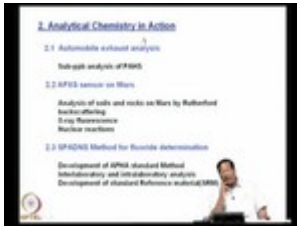



CHEMICAL ENGINEERING (85 COURSES)











<p>Advanced Chemical Reaction Engineering (PG)</p>	<p>Process Design Decisions and Project Economics</p>	<p>Chemical Reaction Engineering II</p>	<p>Plantwide Control of Chemical Processes</p>	<p>Heterogeneous Catalysis and Catalytic Processes</p>
 <p>103101001</p>	 <p>103103039</p>	 <p>103101008</p>	 <p>103104050</p>	 <p>103102012</p>
<p>Mass Transfer Operations I</p>	<p>Advanced Numerical Analysis</p>	<p>Fluid Mechanics</p>	<p>Mass Transfer II</p>	<p>Advanced Process Control</p>
 <p>103103034</p>	 <p>103101111</p>	 <p>103104044</p>	 <p>103104046</p>	 <p>103101003</p>
<p>Biochemical Engineering</p>	<p>Microscale Transport Processes</p>	<p>Multiphase Flow</p>	<p>Novel Separation Processes</p>	<p>Process Control and Instrumentation</p>
 <p>103105054</p>	 <p>103105057</p>	 <p>103105059</p>	 <p>103105061</p>	 <p>103105064</p>

<p>Instability and Patterning of Thin Polymer Films</p>	<p>Advanced Mathematical Techniques in Chemical Engineering</p>	<p>Chemical Engineering Thermodynamics</p>	<p>Computational Fluid Dynamics</p>	<p>Computational Techniques</p>
 <p>103105066</p>	 <p>103105106</p>	 <p>103106070</p>	 <p>103106073</p>	 <p>103106074</p>
<p>Particle Characterization (PG)</p>	<p>Multiphase flows: Analytical solutions and Stability Analysis</p>	<p>Mechanical Operations</p>	<p>Chemical Technology - I</p>	<p>Process Integration</p>
 <p>103106103</p>	 <p>103106113</p>	 <p>103107123</p>	 <p>103107081</p>	 <p>103107093</p>
<p>Chemical Reaction Engineering</p>	<p>Fundamentals of Transport Processes</p>	<p>Fundamentals of Transport Processes - II</p>	<p>Modern Instrumental Methods of Analysis</p>	<p>Statistics for Experimentalists</p>
 <p>103108097</p>	 <p>103108098</p>	 <p>103108099</p>	 <p>103108100</p>	 <p>103106112</p>

<p>NOC:MATLAB Programming for Numerical Computation</p>	<p>Chemical Engineering Principles of CVD Processes</p>	<p>NOC:Computational Fluid Dynamics</p>	<p>NOC:Introduction to Process Modeling in Membrane Separation Process</p>	<p>NOC:Introduction to Statistical Hypothesis Testing</p>
 <p>103106118</p>	 <p>103106115</p>	 <p>103106119</p>	 <p>103105121</p>	 <p>103106120</p>
<p>Chemical Reaction Engineering 1 (Homogeneous Reactors)</p>	<p>Chemical Reaction Engineering 2 (Heterogeneous Reactors)</p>	<p>NOC:Soft Nano Technology</p>	<p>NOC:Adiabatic Two-Phase Flow and Flow Boiling in Microchannel</p>	<p>NOC:Introduction to Time-Frequency Analysis and Wavelet Transforms</p>
 <p>103106116</p>	 <p>103106117</p>	 <p>103105122</p>	 <p>103105124</p>	 <p>103106114</p>
<p>NOC:Atomic and Molecular Absorption Spectrometry for Pollution Monitoring</p>	<p>NOC:Applied Time-Series Analysis</p>	<p>NOC:Waste to Energy Conversion</p>	<p>NOC:Transport Processes I: Heat and Mass Transfer</p>	<p>NOC:Introduction to Evolutionary Dynamics</p>
 <p>103108124</p>	 <p>103106123</p>	 <p>103107125</p>	 <p>103108123</p>	 <p>103101127</p>

<p>NOC:Phase Equilibrium Thermodynamics</p>	<p>NOC:Unit Operations of Particulate Matter</p>	<p>NOC:Trace and Ultra-trace Analysis of Metals using Atomic Absorption Spectrometry</p>	<p>NOC:Transport Phenomena</p>	<p>NOC:Rheology of Complex Materials</p>
 <p>103105127</p>	 <p>103107127</p>	 <p>103108127</p>	 <p>103105128</p>	 <p>103106131</p>
<p>NOC:Measurement Technique in Multiphase Flows</p>	<p>NOC:Multiphase Flows</p>	<p>NOC:An Introduction to Cardiovascular Fluid Mechanics</p>	<p>NOC:Inductive Couple Plasma Atomic Emission Spectrometry for Pollution Monitoring</p>	<p>NOC:Multiphase Microfluidics</p>
 <p>103103135</p>	 <p>103103136</p>	 <p>103103133</p>	 <p>103108138</p>	 <p>103103134</p>
<p>NOC:Thermodynamics Of Fluid Phase Equilibria</p>	<p>NOC:Heat Transfer</p>	<p>NOC:Fluidization Engineering</p>	<p>NOC:Chemical Process Instrumentation</p>	<p>NOC:Introduction to Polymer Physics</p>
 <p>103104129</p>	 <p>103101137</p>	 <p>103103132</p>	 <p>103105130</p>	 <p>103103139</p>

<p>NOC:Natural Gas Engineering</p>	<p>NOC:Optimization in Chemical Engineering</p>	<p>NOC:Heat Transfer (2018-S2)</p>	<p>NOC:Introduction to Polymer Physics</p>	<p>NOC:Infrared spectroscopy for pollution monitoring</p>
 <p><u>103103140</u></p>	 <p><u>103105139</u></p>	 <p><u>103105140</u></p>	 <p><u>103107139</u></p>	 <p><u>103108139</u></p>
<p>NOC:Chemical Reaction Engineering-II</p>	<p>NOC:Chemical Process Control</p>	<p>NOC:Chemical Engineering Thermodynamics</p>	<p>NOC:Mass Transfer Operations-I</p>	<p>NOC:Transport Phenomena of Non-Newtonian Fluids</p>
 <p><u>103101141</u></p>	 <p><u>103101142</u></p>	 <p><u>103103144</u></p>	 <p><u>103103145</u></p>	 <p><u>103103146</u></p>
<p>NOC:Fluid Flow Operations</p>	<p>NOC:Process Control - Design, Analysis and Assessment</p>	<p>NOC:Equipment Design: Mechanical Aspects</p>	<p>System Identification</p>	<p>NOC:Chemical Process Intensification</p>
 <p><u>103103147</u></p>	 <p><u>103106148</u></p>	 <p><u>103107143</u></p>	 <p><u>103106149</u></p>	 <p><u>103103152</u></p>

NOC:Chemical Reaction Engineering-I	NOC:Mass Transfer Operations II	NOC:Mechanical Unit Operations	NOC:Chemical Engineering Thermodynamics	NOC:Flow through porous media
 <p>July - October 2019</p> <p>103103153</p>	 <p>July - October 2019</p> <p>103103154</p>	 <p>July - October 2019</p> <p>103103155</p>	 <p>July - October 2019</p> <p>103104151</p>	 <p>July - October 2019</p> <p>103105160</p>
NOC:Fundamentals of Particle and Fluid Solid Processing	NOC:Fluid and Particle Mechanics	NOC:Continuum Mechanics and Transport Phenomena	NOC:Chemical Process Safety	NOC:Technologies For Clean And Renewable Energy Production
 <p>July - October 2019</p> <p>103105161</p>	 <p>July - October 2019</p> <p>103106158</p>	 <p>July - October 2019</p> <p>103106159</p>	 <p>July - October 2019</p> <p>103107156</p>	 <p>July - October 2019</p> <p>103107157</p>