

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Mechanical Engineering - NOC:Polymer Assisted Abrasive Finishing Processes

Subject Co-ordinator - Prof. Mamilla Ravi Sankar

Co-ordinating Institute - IIT - Guwahati

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction to Polymer Assisted Abrasive Finishing Processes
- Lecture 2 - Surface Integrity and Surface roughness representation - Part I
- Lecture 3 - Surface Integrity and Surface roughness representation - Part II
- Lecture 4 - Introduction to Grinding and Polymer assisted Grinding Wheels
- Lecture 5 - Polymer medium for vibratory bowl finishing, Tumbling, Drag finishing
- Lecture 6 - Polymer Pad and Chemo-mechanical Polishing
- Lecture 7 - Elastic Emission Machining
- Lecture 8 - Hydrodynamic Polishing, Elasto Abrasive Finishing
- Lecture 9 - Abrasive Flow Machining and Finishing - Part I
- Lecture 10 - Abrasive Flow Machining and Finishing - Part II
- Lecture 11 - Advances in Abrasive Flow Finishing
- Lecture 12 - Advances in Abrasive Flow Finishing
- Lecture 13 - AFF Processes
- Lecture 14 - Finishing of Biomedical implants (Micro AFF
- Lecture 15 - Summary of the Course