

National Institute of Technology, Srinagar (J & K)

Assignment No-1

Subject: Tribo-Materials (TMM-103)

Sep., 2020 to Dec., 2020

Unit: 1 Introduction

Date of Submission: 20-10-2020

1. Mention the various tribological processes and explain the different tribological relevant properties of material.
2. Explain an overview of engineering materials which are potential for different tribological applications.
3. Explain the nature of surfaces and how the surface influences the tribological process.
4. Classify the metals and its alloys. Mention the names of various metals and its alloys and also list out the use of such materials for different applications.
5. How the selection of materials for tribological applications carried out at design stage.

*******END*******

Note: 1. *Students are advised to submit the assignment online by scanning the handwritten assignment on or before the date of submission at*

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2. *Please ensure that the Roll No along with name should be written in the front page of Assignment*