

Project 2

Thermal Protection
System



## Thermal Protection System

• UDC team led by Dr. Tyagi and external collaborators (including Advanced Cooling Technologies, University of Maryland, and NASA Johnson Space Center) have been working on the task 1 in which methods to process the surface finishing of AM produced parts is being developed

• With the aim to fabricate space-application suitable surface finishing for AM produced components, through the development of Nano-manufactured variable emissivity coating with

robust thermal and mechanical properties.

