

<b>Code</b>	<b>AMI-NPST004</b>
Project Name:	Layered manufacturing of Gamma-TiAl parts for high temperature applications in aerospace engines
Objectives:	<ol style="list-style-type: none"> <li>1. To develop and optimize EBM process parameters to produce Gamma-TiAl alloy parts</li> <li>2. To carry out studies on Mechanical and Metallurgical properties of the above produced Gamma-TiAl alloy parts</li> <li>3. To demonstrate the viability of EBM route in manufacturing of Gamma-TiAl alloy parts for aerospace industry.</li> </ol>
Project Period	2 years
Start Date	1-Sep-2013
Budget	1,602,000 SAR
Status	Ongoing
Project Outcome	<ul style="list-style-type: none"> <li>- A new process to make aerospace engine parts</li> <li>- Structure-property correlations for a new class of materials (gamma-TiAl) processed by a new method (EBM)</li> <li>- Training on ARCAM</li> <li>- International journal publications, conferences and patents</li> </ul>
Principal Investigator	Dr Ashfaq Mohamed