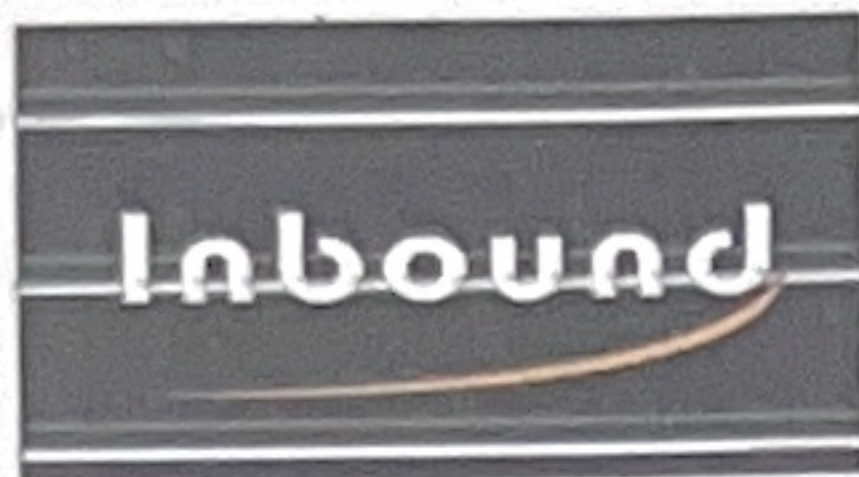




INBOUND AEROSPACE PRIVATE LIMITED

IITM Research Park, 1FA, I Floor,
Kanagam Road,
TTTI Taramani, Chennai City
Chennai, Tamil Nadu - 600113

To,
The Director,
National Institute of Technology Karnataka (NITK), Surathkal

Subject: Award of Sponsored Research Project Titled- "Jet Impingement Testing of Thermal Protection System Materials"

Dear Sir/Madam,

This is to confirm that Inbound Aerospace Private Limited is awarding a **Sponsored Research Project** to Dr. Sumanth Govindarajan (PI) from the Department of Metallurgical and Materials Engineering and Dr. Sudhakar Jambagi (Co-PI) of Mechanical Engineering, NITK Surathkal, for conducting Jet Impingement Testing of Tiles using High Velocity Air-Fuel (HVAF) to help validate and characterise the Thermal Protection System (TPS) for its re-entry vehicle.

The funding is being provided as a research grant under a Sponsored Research Project framework and is intended to support collaborative research and testing activities related to thermal protection systems.

Inbound Aerospace shall provide a research grant of **₹5,00,000 (Rupees Five Lakhs Only)** for the execution of the project. The project shall have a duration of **seven (7) months**, comprising six months for testing activities and one month for compilation and submission of the final report.

The scope of work shall broadly include:

- HVAF testing of TPS tile samples supplied by Inbound Aerospace;
- Cross-sectional metallographic examination of select samples;
- SEM and XRD analysis of select samples, as required, to understand degradation mechanisms; and
- Submission of a final technical report.
- Samples may be submitted by Inbound Aerospace periodically during the project duration and need not be delivered in a single batch.

The research grant may be utilised by NITK Surathkal for project-related expenses, including manpower, equipment, fixtures and fabrication, spares, consumables, logistics, equipment usage, reporting activities, and miscellaneous items like smart boards and furniture for lab development necessary for the successful execution of the project, in accordance with institute norms.

Upon completion of the project, NITK Surathkal is requested to provide:

1. A final technical report summarising the work carried out and key findings; and
2. A Utilisation Certificate (UC) for the grant amount.
3. All tested samples, sensors and raw data.

Sincerely,

For Inbound Aerospace Private Limited



Authorized Signatory
Name: Vishal Reddy
Designation: COO
Date: 12/07/2026