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ADVANCING 3D PRINTING TOGETHER

14th International Conference + Expo on
3D Printing & Additive Manufacturing Technologies

*“3D Printing & Additive Manufacturing -
Powering the Future of India’s Defence,
Aerospace, Space Applications & Beyond”*



AMSI
ADDITIVE MANUFACTURING
SOCIETY OF INDIA

10-11 October 2025

The Lalith Ashok

Bengaluru, INDIA

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3D Printing Applications in Healthcare

- 3D Medical Printing for Dental Applications
- Bio-Printing Artificial Organs & Tissues
- Improved Surgical Results with 3D Printed Tools and Custom Implants in Ceramic, Plastic, and Metals
- Customized Medical Devices
- Medical 3D Printing Hardware & Software Solutions

3D Printing Applications in Aerospace, Space & Defence

- Additive Manufacturing for light weight, fuel efficient, critical structural aircraft and spacecraft parts.
- Laser Powder Bed Fusion & Direct Energy Deposition for Multimaterial Space & Aircraft parts
- Additive Manufacturing for Maintenance, Repair & Overall (MRO) using Advance Metal Material
- Qualification & Certification Process of 3D Printed parts in Aerospace, Space & Defence

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Unlocking Potential with 3D Printing Skill Enhancement

- Design for Additive Manufacturing
- 3D Printing & Industrial Application
- Artificial intelligence (AI) & Machine learning (ML)
- Industrial Internet of Things (IIoT)
- Digital Twin & Reverse Engineering

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ADDITIVE MANUFACTURING TECHNOLOGIES



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