

Project-Collaborations' Highlights



Delicious Transformation!

Leveraging on the innovative use of 3D printing technology, pureed meals are shaped into visually appealing dishes of diverse forms, creating better meal experiences for people with swallowing difficulties.



Assessment of Additive Manufacturing Process of Inconel 718 Parts for Oil & Gas Field Service Applications

Aims to uncover opportunities for enhancing efficiency and speed in the maintenance, repair, and overhaul (MRO) of marine parts and components, as compared to conventional manufacturing techniques.



Marine Propulsion with 3D Printing towards Sustainability

Exploring 3D filament composite materials and innovative propeller designs tailored for electric motor applications.

Flashback



Unveiling the Mystery of Multi-Modal AM

POD colleagues discovered metal printing firsthand through the Selective Laser Sintering Process and Multi-Modal Printing technology. Have you missed the last session? Contact us for upcoming enrolment!



Innovating for Sustainability Event

NAMIC Hub@SIT showcased the inherent advantages of Design for Additive Manufacturing (DfAM) in achieving sustainable manufacturing objectives at the event co-hosted by SIT's Innovation Hub (InnoHub) & Ngee Ann Polytechnic's Centre for Environmental Sustainability (CfES).



MSPACO 3D Printing Competition

The inaugural MSPACO 3D Printing Challenge co-organised by NAMIC Hub@SIT and partners has received enthusiastic responses! Stay tuned for the announcement of public voting to cast your votes!



Project Inspire (SIT-VJC Bootcamp 2024)

This year, students from various secondary schools presented innovative ideas and solutions around the theme of maintaining agility and preventing chronic diseases to enhance quality of life as we age. NAMIC Hub@SIT together with Engineering & Health and Social Sciences Clusters supported the students through prototyping workshops, assisting them in bringing their concepts to life for their presentations.

Upcoming Events

Collaborate to Innovate: Sustainable Business Strategies with Additive Manufacturing

Join us for a half-day event to gain AM insights from industry experts & explore collaboration opportunities with polytechnics

Date: 19th July 2024
Time: 8 am – 2 pm
Venue: Marina Bay Sands Singapore

Register your interest at for.edu.sg/am240719

Organised by
NANYANG Polytechnic **SP** Singapore Polytechnic **Temasek** Polytechnic

Supported by
Enterprise Singapore **NAMIC**

In Partnership with
ASMI **AUTOMATION360** **AMPS** **SSIA**

Collaborate to Innovate: Sustainable Business Strategies with AM

This event explores sustainable business strategies with additive manufacturing. Discover how collaboration between polytechnics, SMEs, and industry leaders can drive innovation and growth in Singapore's manufacturing sector. Gain valuable insights and strategies for success in the additive manufacturing landscape.

Date: 19 July 2024

Venue: Marina Bay Sands, Singapore

[REGISTER HERE](https://for.edu.sg/am240719)

FLIGHT-FORGE

3D PRINTING DRONE AIRFRAME COMPETITION

Showcase Design for Additive Manufacturing Capabilities and Sustainability!

\$10,000

IN CASH PRIZES TO BE WON!

Open Category	Tertiary Students	Secondary Students
Top Prize: \$4,000	\$2,000	\$1,000
Runner-Up: \$1,500	\$1,000	\$500

Organisers reserve the right to make any changes

Organisers:
AM.NUS **Temasek** Polytechnic

Supporting Partners:
NAMIC **QGIS**

Commercial Partners:
AUTODESK **materialise**

3D Printing Drone Airframe Competition

The 3D Printing Drone Airframe competition organised by AM.NUS and Temasek Polytechnic (School of Engineering) calls upon design submissions for drone airframes that not only showcase the capabilities of Design for AM and sustainability, but also aim to improve airframe design in terms of protection and tracking drone orientation.

Submission deadline: 30 August 2024

[REGISTER HERE](https://for.edu.sg/am240719)



Global AM Summit 2024

The 13th edition of NAMIC's Global Additive Manufacturing Summit, held in conjunction with ITAP, is Singapore's flagship in-person and virtual AM business event, bringing together global thought leaders, entrepreneurs and leading AM application experts. This edition will discuss topics in AM strategies, sustainability, AI, aerospace and digital workflow in AM.

Date: 15 to 16 October 2024

Venue: Max Atria, Singapore Expo

[WATCH THE 2023 HIGHLIGHTS HERE](#)