



**NANYANG  
TECHNOLOGICAL  
UNIVERSITY**  
SINGAPORE



**Rolls-Royce**

# Rolls-Royce@NTU Corporate Lab

## About Us

Rolls-Royce@NTU Corporate Lab is a collaboration between one of the world's top 50 university and one of the world's leading power systems companies. It is also an integral part of the University Technology Centre group.

The missions of the RR@NTU Corp Lab includes developing adaptive capability via manpower training and R&D know-how; expanding core competencies and building synergies; leading industry-relevant early stage R&D; and demonstrating pull-through to higher technology readiness levels.



## Corp Lab Research Areas

### Rolls-Royce Electrical

- Aerospace and Marine Power Systems
- Power Electronic Converters
- Electrical Equipment and System Health Management

### Data Analytics and Complex Systems

- Large-Scale Data Analytics
- Handling, Managing & Mining Big Data
- Data-Driven Modelling & Simulation

### Manufacturing Technologies

- Advanced Mechanised Finishing
- Media Finishing & Sub-Surface Processes
- Smart Assembly and Test

### Advanced Materials and Repair Technologies

- Repair Technologies
- Material Technologies
- Electrical Materials in Electrical Technologies

### Internet-of-Things

- Networks and Connectivity
- Sensors and Devices
- IoT Safety and Security

## Opportunities

Innovation is in our DNA.

Create the future with Rolls-Royce@NTU Corporate Lab. If you have the capacity and passion for research and innovation, we want you.

Join us in delivering excellence and building the future

✉ [rrntucorplab@ntu.edu.sg](mailto:rrntucorplab@ntu.edu.sg)

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