

**Government of India
Ministry of Science & Technology
Department of Science & Technology
(International Cooperation Division)**

In pursuant to the Agreement between the Government of Australia and the Government of Republic of India on Co-operation in the fields of Science and Technology on 15th October 1986, the Department of Industry, Science and Resources (DISR) of the Australian Government and Department of Science and Technology (DST) launched a joint call of AISRF Round-16 in the areas of i) Critical minerals processing technologies and methods, (ii) Quantum computing and communications and (iii) Remanufacturing and product end-of-use recovery including electronic waste recycling. The last date for submitting the proposals was 11 April 2025.

2. In response to the call, 34 common project proposals were received by both the sides. These were peer reviewed and ranked separately by Indian and Australian experts. After judicious assessment based on scientific strength, technical aspects, project objectives and national priorities of both the countries, DST, Govt. of India and DISR, Australian Government have jointly decided to support the following 3 project proposals under S&T fund. Project Investigators are being informed separately to complete administrative formalities for release of DST grant.

List of selected Joint Research Projects

S. No.	Title of the Project	Indian PI Details	Australian PI Details
i.	Use of PV Panels for Thermal Insulating Panels A Pathway for High-Value Electronic Waste Recycling.	Prof. Sandeep Chaudhary Institute of Technology, Indore, Khandwa Road, Simrol Indore Madhya Pradesh-453552	Dr. Vipulkumar Ishvarbhai Patel, La Trobe University, Bendigo/ Flora Hill, Australia
ii.	Green chemistry for recovering critical minerals from batteries in e-waste.	Prof. Kothandaraman Ramanujam Indian Institute of Technology Madras, Chennai, Tamilnadu-600036	Prof. Ashok Kumar Nanjundan, School of Engineering, University of Southern Queensland, 37 Sinnathamby Boulevard, Queensland 4300, Springfield, Australia
iii.	Adversarial Resilience of Quantum Machine Learning in Autonomous Systems.	Prof. A V Subramanyam, Indraprastha Institute of Information Technology (IIIT), Okhla Phase 3, New Delhi - 110016	Prof. Clinton Fookes, Queensland University of Technology, SAIVT Lab, 2 George St Brisbane, QLD 4000, Brisbane, Australia
