

**Government of India
Ministry of Science & Technology
Department of Science & Technology
(International Co-operation 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, Energy and Resources (DISER) of the Australian Government and Department of Science and Technology (DST) launched a joint call of AISRF Round-14 in the areas of i) Quantum Technologies (ii) Earth Observation Remote Sensing (iii) Groundwater Resource Management and (iv) Downstream Processing, Recycling and Tailing Reclamation of Critical Minerals. The last date for submitting the proposals was 31st August, 2021.

2. In response to the call, 41 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, Department of Science and Technology (DST), India and Department of Industry, Science, Energy and Resources (DISER) of the 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.	Real-time sensors for sustainable groundwater quality management	Prof. Shobha Shukla IIT Bombay, Powai, Mumbai Maharashtra	Dr. KenTye Yong University of Sydney Department of Biomedical Engineering, Sydney, Australia
ii.	Advanced recovery of the battery materials and REE from ores and wastes	Dr. Kali Sanjay Institute of Minerals and Materials Technology CSIR-IMMT Bhubaneswar Odisha	Dr. Richmond Komla Asamoah University of South Australia, Mawson Lakes Campus, Adelaide, Australia
iii.	Quantum-enhanced atomic gravimetry for improved sensing capabilities	Dr. Sebastian Wuster Indian Institute of Science Education and Research, Bhopal, Madhya Pradesh	Dr. Simon Haine University of Queensland Brisbane Australia
