

## Indo-Australian Science and Technology Fund – Agreed Projects

Project Title	Australian Organisation	Indian Organisation
Re-establish trace gas monitoring of climate-forcing gases at Cape Rama, India	CSIRO Marine and Atmospheric Research	National Institute of Oceanography
Development of the Giant Metrewave Radio Telescope for pulsar astrophysics and Square Kilometre Array demonstration	Swinburne University of Technology	National Center for Radio Astrophysics Tata Institute of Fundamental Research
Fluid flow and lubrication on the nanometre scale	University of South Australia	Indian Institute of Science
Hybrid Magnetoelectric Nanostructures : Optimizing interface coupling for enhanced functionality	University of New South Wales	National Chemical Laboratories
Identification of molecular markers closely linked with stem rust resistance genes in wheat	University of Sydney	National Chemical Laboratories
Catalytic conversion of carbohydrates as renewable raw materials to key platform chemicals using novel metal supported mesoporous materials	ARC Centre of Excellence for Functional Nanomaterials	National Centre for Catalysis Research IIT Madras Chennai

## Indo-Australian Biotechnology Fund – Agreed Projects

Project Title	Australian Organisation	Indian Organisation
Esterified starch and oral rehydration solution as a treatment for acute infectious diarrhoea	Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Christian Medical College & Hospital
Sustainability of pyramided Bt genes for insect control in crop plants	The University of Melbourne	TERI University
Developing a Global Blueprint for Zero PCG: Towards a Complete Understanding of the Molecular Basis of Primary Congenital Glaucoma (PCG)	Western Australian Institute for Medical Research, affiliated with The University of Western Australia	Hyderabad Eye Research Foundation L.V. Prasad Eye Institute
Endogenous Adult Cardiac Stem Cells: Genome Wide Analysis of Multipotency and Differentiation in Homeostasis and Regeneration	The Victor Chang Cardiac Research Institute	Center for Cellular and Molecular Biology
An Advanced Surface for the Cell Therapy of Limbal Epithelium for Ocular Surface Disease: Proof of Concept and Clinical Trials	Centre for Eye Research Australia	Hyderabad Eye Research Foundation L. V. Prasad Eye Institute
Bioremediation of oil-contaminated marine and freshwater environments	Flinders University	TERI
Development and optimization of combined plant/microbe technologies for bioremediation of soils contaminated with hydrocarbons and heavy metals ( <b>workshop</b> )	University of Sydney	Institute of Advanced Study in Science & Technology
Plant Nutraceuticals and Bioactive Molecules: A growth opportunity for the pharmaceutical industry in Australia and India ( <b>workshop</b> )	University of Sydney	JSS College of Pharmacy Ooty

## Targeted Allocations – Agreed Projects

Project Title	Australian Organisation	Indian Organisation
A 3 - Year Top- Down Collaborative Novel Research Proposal on 'NANOCOMPOSITES' For Electronics, Light yet Strong Engineering Applications, Coatings, Fuel Cell and Clean Energy Use	University of New South Wales	Department of Surface Physics, Saha Institute of Nuclear Physics
Protecting Critical Infrastructure from Denial of Service Attacks: Tools, Technology and Policy	Queensland University of Technology	Indian Institute of Technology Madras; and Society for Electronic Transaction and Security