

## **LIST OF APPROVED PROJECTS UNDER FIRST EOI CALL**

Proposal No.	Proposal Title	Faculty/Staff Members from IITK	Faculty/Staff Members from La Trobe
2-EOI-IITK	Real-Time Crash Prediction in Disordered Traffic	Venkatesan Kanagaraj	Long Truong
6-EOI-IITK	Smart Cities, Platformization and Migration: An Ethnographic Study	Anindita Chakrabarti Jillet Sarah Sam	Brooke Wilmsen Ruth Gamble
9-EOI-IITK	Resilient Ultra-Strong Composites for Next-Generation Urban Infrastructure	Arghya Das Amar Nath Roy Chowdhury	Vipul Patel Mumtaz Hussain
12-EOI-IITK	Citizens' E-Collaboration: Collective Intelligence for Community Socio-Economic Upliftment in Smart Cities	Pradip Swarnakar DeepMukherjee	Malliga Marimuthu Clare D'Souza
13-EOI-IITK	Development of Membranes for Water Harvesting Applications	Raju Kumar Gupta	Avinash Baji
14-EOI-IITK	Biofilm Resistant Ultrafiltration Membranes for Effective Water Treatment	Raju Kumar Gupta	Avinash Baji
22-EOI-IITK	Public Understanding and Informed-Decision on The Ganges River Water by People Participation for An Action Plan for Clean River Ganges (APCRG)	Pradip Swarnakar RajuKumar Gupta	Xia Li Premnadh Kurup
23-EOI-IITK	Mxene-Collagen Based Bioinks as Suitable 3D Bioprinting Materials for Tissue Engineering	Kantesh Balani J. Ramkumar	Ing Kong James Maxwell Avinash Baji
24-EOI-IITK	Smart Healthcare: Techno-Economic Aspects of Digitalization of Secure Healthcare Services in India and Australia	Murali Prasad Panta Praveen Kulshreshtha	ASM Kayes Wenny Rahayu Naveen Chilamkurti
27-EOI-IITK	Economic and Legal Aspects of Unconscionable Surgeries in India and Australia	Murali Prasad Panta Praveen Kulshreshtha S.M.Kantikar O V Nandimath	James Boyd
45-EOI-IITK-BITSP	Sustainable Performance-Oriented Maritime Transport in India and Australia: An Empirical Analysis	Murali Prasad Panta Praveen Kulshreshtha	Sobhan (Sean) Asian
47-EOI-IITK	Future Of India-Australia Agribusiness Trade In An Era of Re-globalization: A Supply Chain Management Perspective	Somesh Mathur MuraliPrasad Panta	Sobhan (Sean) Asian Timothy Clune
50-EOI-IITK-BITSP	Improving Data Driven Decision Making in Small-Mid Scale Dairy Cooperatives	Shantanu Bhattacharya	Aniruddha Desai Phoebe ChenMarkandeya JoisMohsen Radfar
51-EOI-IITK	Micro-Climate Modelling of In-Door Growing Conditions of Medicinal Crops Using Sensor Fusion	Shantanu Bhattacharya	Aniruddha Desai Jim Whelan Mohsen Radfar
52-EOI-IITK	Implementation of An Ultra-Energy Efficient Brain-Inspired Computing Platform Using Spintronics	Shubham Sahay Vipul Arora	Aniruddha Desai Mohsen Radfar