

LIST OF THE PROPOSALS APPROVED IN RESEARCH CALL 2

S.No	Proposal No.	Title of the Project	Name of the PI	Budget (in Rs.)
1	UoH-IoE-RC2-21-001	Digital Connect: Social Media, Creative Labor, and Cultural Production in South India	Dr. V. Vamsi Krishna Reddy	15,00,000
2	UoH-IoE-RC2-21-004	Access to essential medicine in the private and public health care system of Odisha: An assessment of different stakeholders	Dr. Ranjith Kumar Dehury	22,94,600
3	UoH-IoE-RC2-21-005	Fuzzy Rough Kernel Multilayer Extreme Learning Machine	Dr. Avatharam Ganivada	14,83,000
4	UoH-IoE-RC2-21-006	Beyond Standard Model Search and Firmware/Algorithm development for trigger electronics for the CMS experiment at the LHC	Dr. Bhawna Gomber	39,96,720
5	UoH-IoE-RC2-21-007	Environmental and ecological shifts across Permian-Triassic boundary: Sequencing the paleoevents using isotopic and biogeochemical markers in selected Indian sedimentary sequences	Dr. Devleena Mani Tiwari	40,00,000
6	UoH-IoE-RC2-21-008	A Paradigm Towards Solar Future: Robust, Ambient- Air-Stable and Highly Efficient 2D perovskite Optoelectronic Devices	Dr. Murali Banovath	40,00,000
7	UoH-IoE-RC2-21-009	Immiscible refractory high-entropy alloys as a replacement for superalloys	Dr. K. Guruvidyathri	39,96,000
8	UoH-IoE-RC2-21-010	Developing a molecular electrostatic potential and artificial intelligence-based algorithm for exploring gas-phase and surface reaction mechanisms.	Dr. K. V. Jovan Jose	40,00,000
9	UoH-IoE-RC2-21-012	A multi-omics and multi-label approach to predict genetic interactions in cancers	Dr. Manjari Kiran	25,83,840
10	UoH-IoE-RC2-21-013	Conditional Specified Relative Models	Dr. B. G. Manjunath	12,00,000
11	UoH-IoE-RC2-21-014	Understanding the genetic determinants underlying rapid rancidity in foxtail millet (<i>Setaria italica</i> L.) to improve the shelf-life using genome-editing approach	Dr. M. Muthamilarasan	40,00,000
12	UoH-IoE-RC2-21-015	Interval-Valued Fuzzy Implications: Novel Constructions and their Applicability in Inference	Dr. Nageswara Rao Vemuri	15,00,000
13	UoH-IoE-RC2-21-016	Investigating the miRNA based biomarkers for early diagnosis of Parkinson's Disease for chemically induced PD model in Rat.	Dr. Pankaj Singh Dholaniya	40,00,000
14	UoH-IoE-RC2-21-017	Two dimensional materials metal nanoparticles composite for Li Ion battery anode material application.	Dr. Pratap Kollu	40,00,000
15	UoH-IoE-RC2-21-018	Understand the role of exosomes in corneal epithelial homeostasis during infection and proinflammatory conditions from the perspective of lacritin for potential therapeutic interventions.	Dr. Raja Ram Mohan Roy	25,00,000
16	UoH-IoE-RC2-21-019	Novel composite nanostructures for ultra-strong light-matter interactions and biosensing: a versatile platform for interdisciplinary research	Dr. Ramachandrarao Yalla	40,00,000
17	UoH-IoE-RC2-21-020	Establishing A Genetic Mouse Model Of Sex Definitive Reproduction.	Dr. Shashi Kiran	40,00,000
18	UoH-IoE-RC2-21-021	Light-Driven Biocatalysis: Enantioselective Synthesis of Highly Functionalized Cyclopropanes via Visible-Light-Induced Carbene Intermediate	Dr. Saravanana	36,00,000
19	UoH-IoE-RC2-21-022	Studying the Probiotic Role of Lactobacilli Johnsonii in the Intestinal Crypt Development and Epithelial Barrier Integrity against Enteropathogenic E. Coli Infection	Dr. Vijay Morampudi	40,00,000
20	UoH-IoE-RC2-21-023	Characterization of human gut microbiota for micronutrient production, and exploring metabolic potential for its enhancement	Dr. Vivek	39,51,640