

## MINOR RESEARCH PROJECT 2022-2023

**AIDED**

S.NO	PROJECT ID	Name of Principal investigator	Department	Name of the Co-investigator	Department	Title	Budget
1	22TPRD001	Dr. P. Beena	English	-	-	Exploring Ecocriticism through Google Lens	1,00,000
2	22TPRD002	Dr. S. Niranjani	Chemistry	-	-	Synthesis of novel heterocyclic compounds, their characterisation and applications	1,10,000
3	22TPRD003	Dr. I. Deepa Persis	Zoology	Dr.C.B. Nirmala	Plant Biology and Plant Biotechnology	Enhancement of Plant Growth using Endomycorrhizae	1,00,000
4	22TPRD004	Dr. K. Arulmeha Pon Radha	Plant Biology and Plant Biotechnology	Dr. R. Siva	Plant Biology and Plant Biotechnology	Potential of <i>Ulva</i> spa. as a safe biopesticide for sustainable agriculture and environmental development	1,00,000
						<b>TOTAL</b>	<b>4,10,000</b>

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**SELF SUPPORT**

<b>S.NO</b>	<b>PROJECT ID</b>	<b>Name of Principal investigator</b>	<b>Department</b>	<b>Name of the Co-investigator</b>	<b>Department</b>	<b>Title</b>	<b>Budget</b>
1	22TPRE001	Dr. S. Kavitha	Mathematics	-	-	On subclasses of analytic functions defined by Robertson's Formula	1,00,000
2	22TPRE002	Dr. K. Priya Bhanthavi	Mathematics	-	-	Studies on Independent Transversal Domination in Graphs	52,600
3	22TPRE003	Dr. S. Seethalakshmi	B.com General	Dr. K. Shyamala Dr. R. Subhasri	B.Com (CS) B.Com (PA)	App-Based E-Learning Program for commerce students-An experimental study	61,000
4	22TPRE004	P. Uma Maheswari	Home Science- Clinical Nutrition and Dietetics	-	-	Prevalence of iron deficiency anaemia among the adolescent college going girls in South Chennai and the impact of formulated iron rich food supplementation in selected anaemic subjects	92,000
5	22TPRE005	Dr. R. Indira	Chemistry	-	-	Fabrication of Biodegradable thin film Polymeric Composite material for Active food Packaging and photo catalytic Applications using non-ionic cellulose derivative	75,000
6	22TPRE006	Dr. T. Preethi	Chemistry	-	-	Cost effective synthesis of highly efficient metal dichalcogenide for toxic heavy metal removal	78,250

7	22TPRE007	P. Gowthami	Chemistry	-	-	Green Synthesis of metal oxide nanoparticles and its biotic and environmental applications	95,500
8	22TPRE008	Dr. Renu Agarwal	Home Science-FSND	-	-	Stress and Diet: Therapeutic Potentials of Fruit peels	95,000
9	22TPRE009	Dr. D. Lakshmi	Plant Biology and Plant Biotechnology	Dr. S. Suguna	Chemistry	Modelling and synthesis of AgX (X=Co, Cu, Zn) Bimetallic Silver Nanoparticles and its Colloidal Interaction with Some Human Pathogens	97,410
10	22TPRE010	Dr. E.V.Sheena	Plant Biology and Plant Biotechnology	Dr. A.K. Rathna Kumari	Plant Biology and Plant Biotechnology	Ecofriendly Green synthesis of iron nanoparticles using <i>Carica papaya</i> leaf and seed extract for Photocatalytic degradation of Azo dyes and antibacterial activity	80,000
						<b>TOTAL</b>	<b>8,26,760</b>