

## SCIENCE AND TECHNOLOGY PROJECTS

### List of approved projects

	<b>Investigator</b>	<b>Title</b>	<b>Budget and Duration</b>	<b>First Year Amount (Rs.)</b>
<b>Agricultural Sciences:</b>				
	Dr.C.Sudhalakshmi Assistant Professor Dept. of Soil Science Coconut Research Station, Aliyar Nagar – 642 101	Development and Demonstration of Best Management practice for pencil point disorder in coconut	420000/- 2 years	235000/-
	M.Pavaraj Assistant Professor Dept. of Zoology PG and Research Ayya Nadar Janaki ammal College, Sivakasi – 626 124	Synthesis, Characterization and Evaluation of Nematicides from plant and animal origins for the management of root knot nematodes	340000/- 2 years	175000/-
<b>Biological Sciences:</b>				
	Dr.A.Mohankumar Assistant Professor PG and Research Dept. of Zoology Chikkanna Govt. Arts College, Tiruppur 641 602	Microbial Enzymes – A Choice of Agents Against Bacteria causing blood stream infections in Cancer patients	420000/- 2 years	235000/-
	Dr.A.Murugan Assistant Professor PG and Research Dept. of Zoology V.O.Chidambaram College Tuticorin – 628 008	Seaweed nutraceuticals as a natural iodine supplement for iodine deficiency disorders (IDD)	385000/- 2 years	200000/-
<b>Environmental Sciences:</b>				
	Dr.R.Dhandapani Assistant Professor Dept. of Microbiology Periyar Palkalai Nagar Periyar University, Salem – 636 011	Open Pond Cultivation of Microalgae for Co2 Capture and Removal from thermal power plant	Rs.375000/ - 2 years	205000/-
	Dr.C.Thamarai Selvi Assistant Professor Dept. of Biotechnology Mother Teresa Women's University Kodaikanal – 624 101	Environmental Awareness creation and effective conversion of bio resource into plant nutrient using mule dung in Tribal areas Kodaikanal	Rs.450000/ - 2 years	250000/-

<b>Engineering and Technology:</b>				
	Mrs.J.Angela Jenifa Sujana Assistant Professor Dept. of IT Mepco Schlenk Engg.College Sivakasi – 626 005	Computer guided drills dentistry using micro-air abrasion technology	Rs.320000/ - 2 years	215000/-
	Dr.J.Bruce Ralphin Rose Assistant Professor Dept. of Mech. Engg. Regional Centre of Anna University Tirunelveli – 627 007	Experimental Investigation on Magnetic repulsive force for continuous wind mill power generation	Rs.443200/ - 2 years	380000/-
<b>Medical Sciences:</b>				
	Dr.A.Balamurugan Assistant Professor Dept. of Nano Science and Technology Bharathiar University Coimbatore – 641 046	Bio Ceramic / Polymer composite material for head tissue replacement	Rs.438000/ - 2 years	279000/-
	Dr.S.B.Anand Assistant Professor Dept. of Genetic Engineering School of biotechnology Madurai Kamaraj University Madurai – 625 021	Profiling of circulating micrRNA in serum – plasma of the filarial infected secondary lymphedema subject for identification of potential bi markers	Rs.500000/ - 2 years	355000/-
<b>Physical Sciences:</b>				
	Dr.R.Santhakumari Assistant Professor Dept. of Physics Govt. Arts College for Women Pudukottai – 622 001	Synthesis, Growth, Structural, Nonlinear optical and antibacterial studies on 4-Hydroxy-3- methoxybenzaldehyde based organic and semiorganic single crystals	4,05,000/- 2 years	270000/-
	Dr.C.Justin Dhanaraj Assistant Professor Dept. of Chemistry University College of Engineering, Anna University Tirunelveli Region Nagercoil – 629 004	Novel nano sized 4 – amino antipyrine derivative metal complexes in cancer treatment	4,55,000/- 2 years	250000/-

<b>Social Sciences:</b>				
	Dr.N.Thirunavukkarasu Assistant Professor Dept. of Advanced Zoology and Biotechnology Dr.Ambedkar Govt. Arts College, Vyasarpadi Chennai – 600 039	Investigation on the Socio-Economic condition of the fishermen community around the villages of Pulicat Lake, Tamilnadu	4,00,000/- 2 years	225000/-
	Dr.R.D.Thilaga Dean of Science and Marine Studies St.Mary's College Thoothukudi - 628 001	Exploring the feasibility of Utilizing molluscs from trash into Quality Edible Product	4,05,000/- 2 years	225000/-
<b>Veterinary Sciences:</b>				
15.	Dr.C.Kathirvelan Assistant Professor Dept. of Animal Nutrition Veterinary College and Research Institute Namakkal- 637 002	Status of Nitrate content in Animal Forages and water and early warning system to Combat Nitrate Toxicity in Dairy Cattle	405000/- 2 years	210000/-

**The communication to the individuals and heads of the institutions will be sent shortly.**

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MEMBER SECRETARY