

St Aloysius College (Autonomous) Mangalore 575 003

**The following Students Research proposals are recommended for the financial assistance for the academic year
2021-2022.**

SI No	Department	Name of the student	Name of the guide	Title of the project	Amount
1.	Food Science and Technology	Ms. Rhea Cristle Goveas (Reg. No. 208321) Ms. Nirmal C. Bensia (Reg. No.208316),	Mr Ashok Kumar C	“Development and bio-functional characterization of micromineral enriched shelf stable fish soup mix”.	7,500
2.	Food Science and Technology	Ms Arshiya (Reg. No.208607), Mr Mahesh (Reg. No.208618) Mr Nikhil (Reg. No.208621)	Mr Ashok Kumar C	“Extraction and characterization of gelatin from ribbon fish (Trachipterustrachypterus)”.	7,500
3.	Food Science and Technology	Neha C Mathew (Reg.No 208315) Jifin K Jose (Reg.No 208310)	Mr Roysten Dias	“Development of Pasta fortified with Basella alba flour and to evaluate the physico-chemical & sensory properties”.	7,500
4.	Food Science and Technology	K.K. Vidhya Ramesh, (Reg.No 208615)	Ms. BharathiVenkatesh	“Development and standardization of instant millet dosa mix with functional ingredients for the management of life style disorders”	7,500
5.	Physics	1) Ann Mary Vincent (Roll No: 208110) 2)Aswani T (Roll No: 208112) 3)Jebin Mario Jerald (Roll No: 208118)	Dr. Chandra Shekhara Shetty	Investigation of Structural, Optical, Magnetic, and Electrical Properties of Iron doped Tin Oxide Thin Films.	7,500
6.	Physics	Nidhina V K (Reg.No 208128) Abin V Prince (Reg.No 208403) Ann Mariya Sherin (Reg.No 208111)	Dr Rita Crasta	Assessment of Radon concentration in water samples	7,500
7.	Physics	Amulya V Rai (Reg.No 208107) Dhanya H (Reg.No 208115) Suganya V Reddy (Reg.No 208125)	Dr. Chandra Shekhara Shetty	Preparation and Characterization of an Efficient Antireflective Thin Film Using Spin Spray pyrolysis.	7,500
8.	Biochemistry	Adithi E (Reg.No 209416) Mouna B K (Reg.No 209406)	Dr.Swarnalatha B.N.	Assessment of biochemical potential of Latex of Calotropis gigantea	7,500
9.	Biochemistry	Aishwarya Sashindran (209401) Kavana P R (209423)	Dr.Ambarish C.N	Averrhoa carambola leaf and fruit antidiabetic properties: an in-	7,500

				vitro study	
10.	Biochemistry	Ann Mary Jose (209425) Veena V Tom (209425)	Dr.Swarnalatha B.N.	Identification of microbial colonies isolated from marine sediments and examination of their action on poly cyclic aromatic compounds (PAHs)	7,500
11.	Biotechnology	Ranjitha Hegde (209224) Nisha Bhat (209221) Sharon Maria D'Souza (209226)	Dr Smruthi G Prabhu	Production of Bioplastic from bacteria	7,500
12.	Biotechnology	Aravind Nayaka H A (209208) Deekshith K (209210)	Dr Asha Abraham	Analysis of β -adrenergic receptor subtypes in the liver of metabolic syndrome induced C57BL/6J mice	7,500
13.	Biotechnology	Aishwarya B (209202) Purbadri Banik (209223)	Dr Jiji George	Targeting multiple sensory modalities: A novel approach towards designing a fatal bio-attractant bait for mosquitoes	7,500
14.	Chemistry	Nishatt Fathima (208216)	Dr John Deepak Dsouza	Synthesis Characterization and application of Schiff bases	7,500
15.	Chemistry	Aishwarya C S	Preema Cealla Pais	Solvothermal synthesis of metal Organic Frameworks / Graphene Oxide nanocomposites for adsorptive removal of Rhodamine B and Organic Contaminants from waste water.	7,500
16.	Chemistry	Simon Joyson Galbao (208230)	Jyothi Simav Vaz	Synthesis and Characterization of Metal-organic frameworks (MOFs) for photocatalytic applications.	7,500
17.	Analytical Chemistry	Vinola Amitha Lobo (209329)	Dr Divya Shetty	A Comparison of <i>Tectona grandis</i> seed powder and <i>Mangifera indica</i> leaf powder for decolorization of methylene blue dye and its applications	7,500
18.	Analytical Chemistry	Shravya	Preema Cealla Pais	Green synthesis of silver nanoparticles using mango fruit extract and its application	7,500
19.	Analytical Chemistry	Jyosna Dsouza (209309)	Preema Cealla Pais	Synthesis of Perovskites and it's Photocatalytic Applications	7,500

20.	MCA	Abdul Aleem Sheikh Sadwi K S	Dr Santhosh B	Shakti- An IoT Based Women Safety App To Prevent Rape and Domestic Violence.	5,000
21.	MCA	Pai Prathamesh Narshimha K Chethan Nayak	Dr Hemalatha N	Real Time Traffic Monitoring System (RTTMS)	5,000
22.	Mathematics	SaubiaMomin (208011)	Ms. Anupriya Shetty	A Study on Cryptosystems	5,000
23.	Mathematics	Shreya (208013) Sumitha (208019)	Ms. Laisha LaveenaDSouza	Study on atomistic lattice and congruence relation and homomorphism of lattice of sublattices.	5,000
24.	Economics	Nimmi Maria Jose (209810)	Dr. Priya S. Shetty	International students and financial Challenges	5,000
25.	Economics	YasminShanthi G (209809)	Dr. Priya S. Shetty	“Consumption Pattern, Savings and Investment Behaviour of Lecturers: A Study”	5,000
26.	MSW	Abhiraj M S (209101)	Dr Vidya Vinutha DSouza	A Study on the need for Age-Appropriate Sex Education among Adolescents in Mangalore City	5,000
27.	M.Com	Hancia Flavita Saldanha (209531)	Ms Renita Fernandes	A Study on occupational Risk Perception and Economic Stability of Fishermen with Reference to the City of Mangalore.	5,000
28.	M.Com	Ramya Ramachandra Naik (209533)	Ms Jennifer Maria Quadras	A Study on Financial Literacy and investment Behaviour of Unmarried 5,000working women with reference to Honnavar Taluk.	5,000
29.	Mcom (Finance and Analytics)	Ms Anusha (208503)	Ms Nandini	Role of E-learning in higher education with the reference to Mangaluru City	5,000
30.	Mcom (Finance and Analytics)	Sahithya UB (208523)	Ms Joyline Jessica Correa	A study on perception of consumer towards green consumerism with respect to Dakshina Kannada District.	5,000
Total					1,97,500

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Sl No	Department	Name of the student	Name of the guide	Title of the project	Amount
1.	B.A Psychology	Mr Maclean Santos (191209)	Ms Akshitha Amin, Botany Dept	“Diversity, aquarium trade and conservation status of freshwater ornamental shrimps (Family Atyidae) from Western Ghats, Karnataka	10,000