



St Aloysius College (Autonomous), Mangaluru

Criterion III: Research, Innovations and Extension

Metric No.: 3.1.2

Year: 2022-2023

Minor/Major Research Projects 2022-23

The Management of the College has approved Minor/Major Research Project proposal submitted by the faculty members for the financial support after peer review of their research proposals and the recommendation of the Research Committee for the year 2022-23

Sl. No	Name	Department	Project Title	Proposed Amount (Rs.)	Sanctioned Amount (Rs.)
1	Mr Glavin Thomas Rodrigues	Zoology	Assessing the Genetic Diversity and Distribution of Mahseers In Dakshina Kannada and Udupi District of Karnataka	5,94,500	4,60,000
2	Dr Hemalatha N	Dept of IT & Bioinformatics	Crop Auto Diagnoser for Popular Vegetable Cucumber	6,30,400	2,20,000
Total				12,24,900	6,80,000

Date: 21.02.2023

Dean, Research and Innovation

Dean
Research and Innovation
St Aloysius College (Autonomous)
Mangaluru - 575 003

Finance Officer

FINANCE OFFICER
St. Aloysius College (Autonomous)
Mangalore 575 003

Principal

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ST.ALOYSIUS COLLEGE (AUTONOMOUS)
MANGALORE-575003

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The following Students Research proposals are recommended for the financial assistance for the academic year 2022-23.

Sl No	Department	Name of the student	Name of the guide	Title of the project	Amount
1.	Economics	Akshay M Raj (219802)	Dr P P Sajimon	Tribal Health: An Economic Perspective	5,000
2.	Economics	Nitya Hemant Bhat (219813)	Mr Olwin M. D'souza	Study on Socio-Economic Condition of Employees in MSMEs In Karwar Taluk.	5,000
3.	MSW	Adithya P P (219103)	Dr Loveena Lobo	Knowledge and Myths Regarding Mental Illness Among Paniya Tribal People of Wayanad, Kerala	5,000
4.	M.Com	S Seethalaxmi (219519)	Ms. Niveditha	Financial Inclusion of Street Food Vendors – With Special Reference To Mangalore	5,000
5.	M.Com	Olivia Lavita Lobo (219512)	Ms Niveditha	Financial Literacy Of Sanitation Workers In Mangaluru	5,000
6.	Mathematics	Dhanya D – (218005) Shikha Madathil –(218025) Sreya M K –(218029)	Ms. Apoorva Shetty	A Study on Hypergraphs	5,000
7.	Mathematics	Jane Shonon Cutinha –(218013)	Dr Shubhalakshmi D	Nearrings and its links to Graph Theory	5,000
8.	M.Sc, Data Science	Valeny Joylin Goveas (222122), Elisha Crasta (222107)	Dr Santhosh B	Bin IT – The Smart Move	7,500

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9.	M.Sc, Data Science	Disha N Salian (222105), Dhrithi Salian (222104)	Dr Jeevan Pinto	DHIRGHA	7,500
10.	M.Sc, Data Science	Alroy Menezes (222101) Dcunha Ancy Cyril (222102)	Dr Hemalatha N	Coconut Maturity prediction system	7,500
11.	M.Sc Bioinformatics	Prathyush M (221808) Anvitha Edna Ferros (221802)	Dr Hemalatha N	Arecanut leaf spot prediction system	7,500
12.	Biochemistry	Leona Jovita Dcunha (219413) Bhavana E (219405)	Dr RemyaVaradarajan	Synthesis and biological activities of alcohol extract of <i>Citrus limon</i> peel and <i>Ocimumtenuiflorum</i> - based Zinc oxide nanoparticles and their catalytic applications	7,500
13.	Biochemistry	Kiran Kumar K S – (219411) Bhoomika A R – (219406)	Dr.Pallavi Baliga	Isolation and characterization of a lytic vibrio phage targeting <i>Vibrio vulnificus</i>	7,500
14.	Biochemistry	Alphonsa Joseph, (219401) Anusha PJ, (219403)	Dr Ambarish C.N	Phytochemical and Pharmacological analysis of roots and leaves of <i>Sidacordifolia</i>	7,500
15.	Biotechnology	Abhishek Ramadas Naik (219202) Pradeepa (219214)	Dr Shreelalitha Suvarna J	Detection of Polycyclic Aromatic Hydrocarbons (PAHs) in smoked food products	7,500
16.	Biotechnology	Sheril Mary Shaji (219223) Rania Chemnad Mahamood (219219) Azra Sadiqa (219206)	Dr Asha Abraham	Development of Biosurfactants based Cosmetics - Face Wash and evaluation of its efficacy.	7,500

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17.	Biotechnology	Hrithik Venkatesh Kini (219209) Rajath (219216)	Dr Jiji George	Effect of UV-B radiation and mobile signal on pollen germination and pollen tube growth in <i>Ixoracoccinea</i>	7,500
18.	Food Science Nutrition and Dietetics	Ms. R.Rashmitha (228625) Ms. Haripriya.V (228617) Ms. Alaa Musthafa (228603)	Ms. Jovita Carrol Soans	Comparative study of three different bird eye chillies and it's bio functional properties(<i>Capsicum frutescens</i> L.)	7,500
19.	Food Science Nutrition and Dietetics	Ms. Vishnupriya. P.V (228630) Ms. Parvathi Ashok (228622)	Dr. Yvette Wilda Jyrwa	Effect of radiation on sprouted green gram	7,500
20.	Food Science Nutrition and Dietetics	Ms. Khatheerja Lubna,(228619) Ms. Gopika PK, (228623) Ms. Sneha P K (228627)	Mr Ashok Kumar C	Development and characterization of starch and pectin-based hydrogels using vegetable waste	7,500
21.	Food Science and Technology	Ms. Gopika Jayakumar (228307) Ms. Sandra Paul (228317)	Ms. Claret Dsouza	"Fortification, Standardization and Characterization of Apple Pomace and Carrot Pomace Jam"	7,500
22.	Food Science and Technology	Ms. S Varalekshmi, (228316) Ms. Sinchana A Y (228321)	Ms. Anju Kurian	"Development of edible coating from Cassava peel- <i>Moringa oleifera</i> leaf on strawberry (<i>Fragaria ananassa</i>)"	7,500
23.	Food Science and Technology	Ms. Spoorthi B K (228324) Ms. Merin George (228314)	Mr. Roysten Dias	"Standardization and Characterization of Indian Herb Mix and Evaluation of its Functional Properties".	7,500
24.	Physics	Geethika C P (218113) Ashwini K (218109)	Dr Kumara K	Metal Oxide Nanoparticles Decorated Multi-Walled Carbon Nanotubes For	7,500

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				Supercapacitor Electrode	
25.	Physics	Roshani (218124) Roopashree (218123)	Dr Chandra Shekhara Shetty	Preparation, Structural And Optical Characteristics Of Iron Doped Tin Oxide Thin Film Using Spray Pyrolysis Method	7,500
26.	Physics	Aswani Krishna (218110) Archana R J(218106) Anagha N P(218102)	Dr Rita Crasta	Preparation and characterization of ZnO Nanoparticlee dopped PVA nanocomposites	7,500
27.	Analytical Chemistry	Abdul Junaid P (219301)	Dr Vinola Rodrigues	Synthesis of CuO-ZnO-PVP polymer nanocomposite. Application in corrosion inhibition studies and catalytic reduction of nitrophenol and nitroaniline	7,500
28.	Analytical Chemistry	Yuktha D M (219326)	Dr Vinola Rodrigues	Green synthesis of ZnO nanoparticles from ginger peel extract.	7,500
29.	Analytical Chemistry	Akshatha H (219302)	Ms Jyothi Simav Vaz	Synthesis and Characterization of Metal-organic frameworks (MOFs) for photocatalytic applications.	7,500
30.	Chemistry	Hencil Clita Pinto (218215)	Dr Divya Shetty	Seaweed mediated synthesis of Iron oxide, Zinc oxide and Fe doped ZnO: A Comparative study for Environment remediation Applications.	7,500
31.	Chemistry	K Deepthi Nayak (218216)	Ms Preema Cealla Pais	Synthesis of Zeolitic imidazolate frameworks and doped composites for	7,500

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				the application in photocatalytic dye degradation	
32.	Chemistry	Pooja Ranjith Nm (218223)	Ms Jyothi Simav Vaz	Synthesis and Characterization of Metal organic frameworks for photocatalytic applications	7,5 00
			Total		2,22,500

Date: 24.02.2023

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