

## St Aloysius College (Autonomous) Mangalore 575 003

**The following Students Research proposals are recommended for the financial assistance for the academic year 2019-20.**

<b>SL No</b>	<b>Department</b>	<b>Title</b>	<b>Student/Students Name</b>	<b>Guides name</b>	<b>Amount (Rs)</b>
1	Economics	Efficiency Analysis of MGNREGA across the Major States in India	Deyona Rose Saji	Dr PP Sajimon	6,000
2	Economics	Impact of Technology on Human Health and Lifestyle: A Study in Mangalore	Harsha	Dr Priya S Shetty	6,000
3	M.Com	Issues and opportunities of Medical Tourism in Alleppey with Special Reference to Ayurveda	Harshitha R. S.	Ms Haritha Girish	6,000
4	M.Com	A Comparative analysis on investment perception and Behavior of originals of Mangalore City and Migrant People	Vivan Laster Pinto	Ms Haritha Girish	6,000
5	M.Com	A Study on Investors Attitude Towards Post Office Deposit Scheme- With Special reference to Mangalore	Sneha Alex	Ms Niveditha	6,000
6	English	A study of Floklore and Myths as Structures of Reinforcement in the declining Toda Tribe of Ooty	Vishnu Dev C H	Dr Melisa M Goveas Mr Girish N	6,000
7	MSW	A Study on changing patterns of lifestyle among the youths in Mangalore City.	Vivian Oswin Pajuh	Mr Gerald D'Silva	6,000

8	MCA	Pravathi -(The helping Hands) A platform for Socio weakened Society	<b>Divya Raj K</b> Nijeesh G	Dr Santhosh B	10,000
9	Maths	Rough Sets using Set Valued Homomorphism	Mereena Joseph	Ms Suma Devi P G	6,000
10	Maths	Topological indices	Pai Shreya Vinod	Dr Shubhalakshmi D	6,000
11	Food Science	Functional bio-edible films from spent ginger starch: A novel application for shelf-life enhancement of meat and meat products	Farhan Khan	Ms Daniella Anne Chyne	10,000
12	Food Science	Banana pseudo stem starch as a novel edible film for enhancing shelf- life and postharvest quality of Syzygium Cumini L	Machani Pavani	Mr Ashok Kumar C	10,000
13	Food Science	Development of novel functional biodegradable films using banana processing waste (banana peel)	Ashwini K	Mr Ashok Kumar C	10,000
14	Food Science	Effect of different drying methods on bio functional compounds retention of leaves of Cassia tora and their application in extending the shelf life of bio-edible films	Roysten Dias	Mr Ashok Kumar C	10,000
15	Physics	Natural Radioactivity Concentration in	<b>Sneha G A</b> TamannaFirdose Navyashree K S	Dr Rita Crasta	10,000

		Medicinal Plants and Environmental Matrices			
16	Physics	Preparation of bromide based tin perovskite thin film under various temperatures and studying its characteristics	<b>Paul Anand</b> Joseph Jerald Arun Krishnan	Dr Chandra Shekhara Shetty	10,000
17	Physics	Highly flexible and bendable free-standing thin film polymer for battery application	<b>Ujwala K T</b> Stephin Thankachan Karthika K V	Mr Kumara K	10,000
18	Physics	Studies on optical and electrical properties of Sr <sup>+2</sup> and Sm <sup>+3</sup> doped polyvinyl pyrrolidone (PVP) transparent polymer films	<b>Arya K</b> Amala Thomas Shella Johnson	Mr Kumara K	10,000
19	Biochemistry	Development and Validation of In vitro sphere based models for the Therapeutic Intervention of Polycystic Ovarian Syndrome (PCOS)	Vaishnavi Kothamasu	Dr.Yogish Somayaji T	10,000
20	Biochemistry	Evaluation of <i>In-Vitro</i> anti-inflammatory activity of bioactive compounds extracted from <i>Solanum viarum</i> fruit extract.	<b>AsiathAfeeda</b> <b>Shamshad</b> Varsha B	Dr.Swarnalatha B.N.	10,000
21	Biochemistry	Evaluation of coconut inflorescence extract in modulating insulin resistance in polycystic ovarian syndrome (PCOS) induced mice models	<b>Anusha U Bhat</b> K Chaitra	Dr.Amith Kumar	10,000
22	Biochemistry	Polysaccharide based nanoparticles: synthesis and characterization	<b>Sanobar</b> <b>Ashoora</b> Ann Mariya Jose	Dr. Lyned. D. Lasrado	10,000

23	Biotechnology	Heavy metals associated expression of glutathione in <i>Riccia gangetica</i> , a potential biomarker for monitoring the soil pollution of Baikampady Industrial area	<b>Ms Dyaslene Dsouza</b> & Ms Prajna N	Dr Jiji George	10,000
24	Biotechnology	Study of expression of PPAR alpha, PPAR delta, PPAR gamma in metabolic syndrome induced mice.	<b>Ms Manasvi</b> & Ms Bhavya J N	Dr Asha Abraham	10,000
25	Biotechnology	Titanium Dioxide (TiO <sub>2</sub> ) Nanoparticle assisted degradation of low-density polyethylene (LDPE) using an Actinomycete <i>Rhodococcus ruber</i> .	<b>Amal P George</b> & Ms Ashwathi Damodharan	Dr Jiji George	10,000
26	Biotechnology	Gene expression analysis of thyroid hormone receptors in the liver of metabolic syndrome induced mice.	Ms Shreyoshree Mukherjee	Dr Asha Abraham	10,000
27	Analytical Chemistry	Adsorption of methylene blue using leaves of <i>Zanthoxylum rhetsa</i> .	Manasa I N	Dr Vinola Rodrigues	10,000
28	Analytical Chemistry	Rapid detection of fluoride in potable water using a novel fluorogenic compound 7-O-tert-butyl-diphenylsilyl-4-methylcoumarin	Crystal Vivita Menezes	Ms. Deepa Vasanth	10,000
29	Analytical Chemistry	Decoration of carbon nanotubes with Pd nanoparticles and its	Disha Evita Sequeira	Dr Jyothi N Rao	10,000

		application in organic synthesis			
30	Chemistry General	Standardizing the reaction for amidation of alcohols with nitriles via ritter reaction	Valentina Miranda	Mr Jeesu George	10,000
31	Chemistry General	Synthesis, Characterisation and biological activity of metal complexes of Schiff base.	Akshatha	Dr Richard Gonsalves	10,000
32	Chemistry General	Synthesis, Characterisation and biological activities of phenolic mannich bases	B Nilima Baliga	Dr Jyothi N Rao	10,000
33	Chemistry General	Synthesis of silver nanoparticles from citrus fruit peel extract and comparative analysis on antibacterial activity	Chaithra V Bhaktha	Dr Divya N Shetty	10,000
<b>Total</b>					<b>2,94,000</b>