



Loyola Research Park
Under Graduate Students Research Project (2017 - 2018)
Loyola College (Autonomous), Chennai - 34.

The Research proposals submitted by the following Under **graduate students** are selected for financial assistance from Loyola Research Park to do Minor Research project.

Sl. No.	Dept. No.	Name of the Student	Mentor	Title	Grant Sanctioned
1	16-CH-037	Illamparity S E.	Dr.S. John Mary	Corrosion behaviour of metals in artificial body fluid an over view	10000.00
2	15-AZ-029 15-AZ-002 15-AZ-010 15-AZ-046 15-AZ-036 15-AZ-042	R. Manish A. Balakumar J. Markpraveen S. Arunmozhi A. Leander Pious E. Vishal	Dr. V. Raja	Entrepreneurship on Animals	20000.00
3	16-AZ-003 16-AZ-006 16-AZ-026	S. Balakrishanan S. Saikrishanan K. Sai Siva Vamsi Krishna	Dr. M. Raja	Faunal Diversity in Loyola College Campus, Chennai	20000.00
4	15-AZ-003 15-AZ-038 15-AZ-049 15-AZ-050	Antony Sebastian A. Prabakaran J. Benedit Leo Kristain Emmanuel Aadarsh M	Prof. Mary Dorothy Anitha Sebastian	Isolation of Microbial desalination cells and desalination of Sea Water	15000.00
5	15-AZ-039	John Kelvin Fredrick	Dr. M.C. John Milton	A pilot study on assessment of Solid Waste Management Practices in Loyola College	10000.00
6	15-AZ-048	A. Govardhanan	Dr. J.M.V. Kalaiarasi	Peptide extraction and protein trypsin Digestion of Venom from Common Butthid Scorpion	20000.00
7	15-VC-025	Durgadhasan R. P.	Dr. L. Chinnappan	To find out how the Horror and Supernatural shows get more TRP in Chennai	15000.00
8	15-PH-223 15-PH-226 15-PH-209 15-PH-217 15-PH-233 15-PH-328	Damodharan R. Jenson A.J. Selvakumar Julien Chendhoor B. Sanjay Vimal M. Vasanth M.	Prof. Stanley Raj	Loyola Automatic Weather Station (LAWS)	20000.00

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9	16-UBU-162	Deepak	Prof. Jacob Davis	Why the major part of the youth of Chennai are not choosing politics as their career?	15000.00
10	15-EC-334	John Alias	Prof. P. Diana Josephine	The Environmental and Economic impact of Solid Waste Management in Chennai.	20000.00
11	15-EC-302	Prakesh S.	Prof. P. Diana Josephine	Impact of digital disruption on Traditional Media in Tamil Nadu	20000.00
12	15-EL-119	M.S. Rishabh Kumar	Prof. S. Arul Francis	Cinematics involved in the rendition of literature of various genres	15000.00
13	15-EL-108	A.S. Adish	Prof. Ashwin Parameshwar	Freedom of Thought in Writers in the Context of Aggressive nationalism	20000.00
14	15-SO-006 15-SO-070 15-SO-015	R. Aravindan Akshon K. Sandesh Jacob Thomas	Dr. J. Vanitha	A Sociological analysis on the Frequency of social Network usage among college students	20000.00
15	15-PB-016 15-PB-015	R. Prasanth A. Arun Alexander	Dr. J. Joel Gnanadoss	Screening of Endophytic Fungi for important extracellular enzymes and Bioactive compounds	15000.00
16	15-PB-041 15-PB-038	Ranjith V.S. Jacob Isravel	Dr. R. Ravindhran	Invitro propagation and organoleptic studies of <i>Wedelia chinensis</i>	20000.00
17	15-PB-014	P.G. Revanth	Dr. G. Jeya Jothi	Green Synthesis of Silver Nanoparticles using <i>Clitorea ternatea</i> L. Extract for analysis of Antimicrobial and Antioxidant activities	20000.00
18	16-CH-035	R. Ranjith	Dr. D. Sweetlin Rajula Rubavathi	Photocatalytic degradation of Rhodamine-B using polymer nanocomposites	15000.00
Total					310000.00


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Dean of Research
Dr. S. VINCENT
Dean of Research
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Loyola Research Park
Post Graduate Students Research Project (2017 - 2018)


Loyola College (Autonomous), Chennai - 34.


The Research proposals submitted by the following **Post graduate students** are selected for financial assistance from Loyola Research Park to do Minor Research project.

Sl. No.	Dept. No.	Name of the Student	Mentor	Title	Grant Sanctioned
1	16-PCH-019	Neenu Lalichan	Dr. M.F. Valan	Medicinal Properties of Zingiberene Adsorbed on Nanosized Activated Carbon	20000.00
2	16-PCH-013	Priyanka F.	Dr. S. Anuja Manikandan	Synthesis, and Characterisation of Supercapacitor material from crustacean shells	20000.00
3	16-PCH-029	D. Fredric Joes	Dr. A. Jeya Rajendran	Self-Assembled monolayers (SAMs) of ALKOXYCYANOBIHENYL THIOLS on gold to determine Dopamine and Melamine	20000.00
4	16-PCH-020	Adithya Mohan	Dr. D. Sweetlin Rajula Rubavathi	Reclamation of Gold, Silver and Copper metal from E-waste by acid leaching and hydrometallurgical methods.	20000.00
5	16-PCH-022	I. Jennifer	Dr. M. Jaccob	Theoretical understanding of Mechanistic aspects of Hydrogenation of Carbon Dioxide by Molecular Copper Catalysts.	15000.00
6	16-PCH-012	Aswathy Rajan	Dr. A. Vijayakumar	Modified Cellulose for Water Purification- Removal of metals.	15000.00
7	16-PCH-032	S. Gladia Nancy	Prof. A. Justin Adaikala Baskar	Investigation of Non-covalent interactions between thyroxine and certain antibiotics by DFT and molecular docking analysis	15000.00
8	16-PCH-031	Jole E. Elsepherine	Dr. John Maria Xavier	Synthesis and Characterisation of novel proton Transfer compound of metformin derivatives and its Zn(II) complexes	20000.00
9	16-PBT-005	Auxilia Preethi K.	Prof. Jenifer Udhaya	Isolation and Characterisation of Potassium Solubilizing bacteria	20000.00
10	16-PBT-022	J. J. Jenisha	Dr. S. Sheela	Biodegradation of Toxic Effluent by Using Immobilized Beads of Rhizobium	15000.00
11	16-PBT-014	Richard Hembrom	Dr. Tanya Pereira	Assesment of heavy metal (Pb, Ar, Cr and Cd) in branded and non-branded candies marketed in choolaivedu, Chennai .	20000.00

Sl. No.	Dept. No.	Name of the Student	Mentor	Title	Grant Sanctioned
12	16-PBT-006	Josephine Nivetha A.	Dr. Prem Kumar A.	Hairy root culture of Catharanthus roseus for the production of secondary metabolites	15000.00
13	16-PBT-013	Jenifer Priyadharshini P.	Dr. Prem Kumar A.	Agrobacterium-mediated genetic transformation of Tinospora cordifolia - a medicinal Shrub.	20000.00
14	16-PFP-012	Anuja Mohan Das	Dr. D. Estherlydia	Evaluation of Phytochemical, antioxidant and antimicrobial activity of pomegranate seed oil	10000.00
15	16-PFP-010	A. Shanmugha Priya	Dr. D. Estherlydia	Pomegranate seed oil as a functional ingredient in baking industry	10000.00
16	16-PSW-065	A. Aarthi Anusuya	Dr. John Paul	A study on effectiveness of employee grievance handling research mechanism by the automobile industries in chennai	15000.00
17	16-PSW-089	S. Shobana	Dr. John Paul	A study on causes of industrial disputes between management and trade unions in chennai	15000.00
18	16-PZO-026	Krithika Ramakrishnan	Dr. S. Vincent	Metagenomic analysis of water samples for diversity documentation and study of microorganisms synthesising biomolecules relevant to bioremediation	20000.00
19	16-PZO-015	Revanth Alex Kumar	Dr. S. Vincent	Metagenomic analysis in fresh water sediments to evaluate biodegradation pathways of metal pollutants	20000.00
20	16-PZO-019	Hezinglila Grace	Dr. Albin T. Fleming	Bionanosynthesis of Silver Nanoparticles using leaf extract of Limonia acid issima and its activity against breast cancer cell lines	10000.00

Sl. No.	Dept. No.	Name of the Student	Mentor	Title	Grant Sanctioned
21	16-PZO-012	Jermy Kennady	Dr. V. Pushpa Rani	Synthesis, Characterization, Evaluation of Calcification Efficacy as a Scaffold for Bone Regeneration from the Collagen of Himantura jenkinsii and Preparation of Collagen Film for Drug Delivery System	15000.00
22	16-PZO-007	R.C. Deepa Rabi	Dr. K. Thresia Mathews	Estimates of Carbohydrates, Proteins and Lipid profiling with reference to chromosomal aberrations of some marine fishes from kasimedu coast, Chennai , Tamilnadu	10000.00
23	16-PEC-027	Shiyamprabu P.	Prof. Chitra Regis	A study on the impact of skill training programme in Loyola Training Cell	20000.00
Total					380000.00


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