

Loyola Research Park
Post Graduate Students Research Project (2019 - 2020)

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	18-PBT-011	Arun Kumar S.	Dr. Tanya Pereira	An Assessment of cytotoxicity of herbal extracts on hepatocytes	15000
2	18-PBT-003	Meera K.U.	Dr. S. Sheela	Fungicidal effect of chitinase producing soil isolates against disease causing fungi in plants	15000
3	18-PBT-006	Vinaya Chandran	Dr. A. Prem Kumar	Micropropagation and genetic transformation of <i>Centella asiatica</i> (L.) Urban. Using <i>Agrobacterium tumefaciens</i>	15000
4	18-PBT-013	Sandra Elizabeth Jacob	Prof. Jenifer Udhaya	Optimization of IAA production from soil bacteria and production of low cost bioformulations for plant growth promotion	15000
5	18-PCH-002	Mathana Gopalan A.	Dr. A. Jeya Rajendran	Electrochemical detection of dopamine and melamine using reduced graphene oxide - ZnO Nanocomposite	15000
6	18-PCH-024	Shilpa Sunny	Dr.M. Jacob	Mechanism of cyclic carbonates formation from CO ₂ and epoxides by metal-cyclam complexes in ionic liquids : A quantum mechanical study	15000
7	18-PCH-019	Arulraj A.	Dr. J. Judith Vijaya	Synergic effect of Metal oxide (Co, Ni)@MoS ₂ or Rgo binary composites for water splitting applications	15000
8	18-PCH-005	R. Sowmya	Dr. M.F. Valan	One-pot synthesis of novel 1,8-Dioxodecahydroacridine derivatives by green protocol for an efficient, Eco-Friendly and Reusable Heterogeneous Silica- Supported Polyphosphoric Acid (PPA-SiO ₂)catalyst.	15000
9	18-PCH-016	Kanimozhi S N	Dr. D. Sweetlin Rajula Rubavathi	Synthesis and Characterization of Lanthanum based perovskite LaMO ₃ , (M=Transition metal ion) and its application as an electrochemical sensor in the detection of neurotransmitters.	15000
10	18-PCH-014	Anjeline W.	Dr. S. Anuja	Electrochemical determination of Phenolic compounds using carbon quantum dots modified electrode.	15000
11	18-PFP-018	Ancil Raphael S.	Prof. Vishwa Rohini	Formulation of probiotic drink from pearl millet with inoculation of starter culture from ginger	15000
12	18-PFP-015	Preethi N	Dr. D. Esther Lydia	Invitro Antioxidant, Antidiabetic and Lipid Lowering effects of <i>Syzygiumcumini</i> (Jamun) Cider Vinegar	15000

16	18-PZO-010	Allan Scaria P Winston	Dr. V. Pushpa Rani	asiatica and its in vitro analysis	15000
17	18-PZO-012	Prince Paul	Dr. Maria Packiam	Survey and Identification of Mosquito species around Chennai using DNA Barcoding (COI-Based Barcoding)	15000
18	18-PZO-09	Vinoth G.	Dr. M. Raja	Synthesis and Characterization of bioactive nanocide from	15000
	18-PZO-27	Smisha Mable P A			