



SACRED HEART COLLEGE (AUTONOMOUS)

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Ready for
Every Good Work

A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

3.1.2 List of faculty who have been provided with seed money for research along with the title of the Project, duration and amount year-wise (INR in LAKHS)

S.No.	Year of award	Duration (in years)	Name of the PI	Department	Title of the proposal	Total Amount	First Installment (first year)	Second Installment (second year)	Remarks
1	2022-2024	2	Dr. P. Kannappan	Physics	Effect of gamma irradiation on the structural and optical properties of CVT grown ZnS, ZnSe and ZnSXSe1-x single crystals for detector applications	0.85	0.51	NA	Second Installment Outside the Assessment Timeline
2	2022-2024	2	Dr. M. Manigandan	Microbiology	Metagenomic Approach for the Degradation of Plastic Wastes by Plasticsphere Microorganisms	0.95	0.57	NA	Second Installment Outside the Assessment Timeline
3	2022-2024	2	Dr. T. Selvam	Social Work	An Interdisciplinary Study on Data Driven Model Village for Good Governance	0.5	0.3	NA	Second Installment Outside the Assessment Timeline

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4	2022-2024	2	Mr. R. Alexzander	Management Studies	The Stimulus of Plastic Money Among Consumers in Selected Villages Salem District, Tamil nadu, India	0.5	0.3	NA	Second Installment Outside the Assessment Timeline
5	2022-2024	2	Mr. G. Lawrence	Management Studies	Workplace Spirituality and Managerial Effectiveness among the Academicians at Higher Education Institutions inTamil Nadu	0.5	0.3	NA	Second Installment Outside the Assessment Timeline
6	2022-2024	2	Dr. J. Jacob Stanley Inbaraj	Economics	An Empirical Evidence of Production and Marketing of Selected Crops during Pre and Post Covid 19 Pandemic Period	0.5	0.3	NA	Second Installment Outside the Assessment Timeline
7	2022-2024	2	Dr. A. Prabu	Tamil	திருப்பத்தூர் மாவட்டத்தில் சிறுதெய்வ வழிபாடு முறைகளும் பண்பாடு பின்புலமும்	0.5	0.4	NA	Second Installment Outside the Assessment Timeline
8	2022-2024	2	Mr. T. Prabakaran	Computer Application	Multimodal Sentiment System for Analyzing Peoples Opinions During the Pandemic (Covid-19) Using Machine Learning Approach	0.74	0.445	NA	Second Installment Outside the Assessment Timeline
9	2021-2023	2	Dr. S. A. Martin Brotto Dhas	Physics	Design and development of portable automatic table-top Shock tube	1	0.5	0.5	
10	2021-2023	2	Dr. I. Niyas Ahamed	Biochemistry	Value added household waste (kitchen waste) as terrace garden manure with special reference to Idhya Nagar, Tirupattur as pilot study area	0.65	0.4		2 nd installment Not sanctioned

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11	2021-2023	2	Dr. S. John Sundaram	Physics	Design of mixed transition metal oxide nanostructures for Photoelectric and Catalytic applications	1	0.5	0.5
12	2021-2023	2	Dr. R. Jude Vimal Michael	Chemistry	Development of novel nonporous materials for renewable energy H2 generation and Solar cell applications	1	0.5	0.5
13	2021-2023	2	Dr. A. C. Gomathi	Biochemistry	Sustainable utilization of Bio waste (Tamarind fruit shell) towards green synthesis: Stabilization of synthesized Silver nanoparticles and its Characterization and utility	0.8	0.4	0.4
14	2021-2023	2	Dr. M. Fernandus Durai	Biochemistry	Potential use of Biowaste in the production of Biofertilizer with the help of eco friendly micro organism present in the Tirupattur Sacred Heart College Campus humus plants oil	0.5	0.25	0.25
15	2021-2023	2	Dr. D. Ajay	Mathematics	On averaging and aggregation functions for complex fuzzy sets and their application to smart material and personnel selection in industry 4.0	0.85	0.45	0.4
16	2021-2023	2	Ms. U. Anto Maria Eusobia	English	Multiple intelligence(MI) Profiling as a strategy to enhance English language proficiency:An empirical study	0.2	0.15	0.05
17	2021-2023	2	Dr. F. Julian Xercies Rigley	English	Integration technology to engage and enhance learning and testing LSRW skills in an Online Environment	0.2	0.15	0.05
18	2021-2023	2	Dr.S. Alphonsa Mary	English	Impact of Social media on language teaching and learning (I&S) for rural college students in select colleges in Tamilnadu	0.2	0.15	0.05

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19	2021-2023	2	Dr. B. Seenivasan	Commerce	Paradigm shift in payment system from cash digital in rural and hill area of Tirupattur district-Perspectives, Problems and Prospects	0.7	0.4	0.3	
20	2021-2023	2	Dr. A. Royal Edward Williams	Economics	Economic and ecological aspects of sewage and water bodies: a case study in Tirupattur district of Tamilnadu	0.7	0.43	0.27	
21	2021-2023	2	Dr. S. Sasi Kumar	Management Studies	Psychological Imbalance of Higher Education Students in difficult Times in the college of Tirupattur District	0.7	0.45	0.25	
22	2019-2021	2	Mrs. C. Elavarasi	Chemistry	Extraction and isolation of medicinally active ingredients from selective natural products by a novel and cost effective method	0.7	0.42	0.28	
23	2019-2021	2	Neethu Asokan	Microbiology	Bioremediation of tannery effluent from leather industries in Vaniyambadi Taluk, Vellore District using environmental isolates and its applications for Seed Germination	0.7	0.42	0	2 nd installment Not sanctioned
24	2019-2021	2	Dr. A. Poongothai	Biochemistry	Isolation, characterization and anti Elastase activity of Lantana camera leaves extract from different methods of extractions	0.85	0.51	0.34	
25	2019-2021	2	Dr. K. Amala	Microbiology	Bioelectricity production using Microbial Fuel Cell from Chlorella sp. cultivated in tannery effluent	0.9	0.54	0.36	
26	2019-2021	2	Dr. G. Britto Antony Xavier	Mathematics	Extended Mittag-Leffler(EML) Functions and its Applications in Physical Science	0.8	0.48	0.32	

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27	2019-2021	2	Dr. A. Dhayal Raj	Physics	Vanadium Oxide Metal Oxide Composite Thin Films for Gas Sensor	0.48	0.48	0.32	
28	2018-2020	2	Dr. V. Collins Arun Prakash	Chemistry	Development of new generation of nanohydroxyapatite powders and its coating for biomedical applications	1	0.75	0.25	
29	2018-2020	2	Ms.R. Ananthalakshmi	Biochemistry	Influence of ZnO nanoparticles on the growth attributes of coriander	0.8	0.55	0.25	
30	2018-2020	2	Dr.K. Arockia Raj	Social Work	Pull and push factors for early marriages in Krishnagiri district, in Tamilnadu	0.522	0.33	0	2 nd installment Not sanctioned
31	2018-2020	2	Dr. R. Kurinji Malar	Economics	Impact of Mgnregp with special reference to Karuppanur, Tirupattur taluk of Vellore district of Tamilnadu	0.22	0.132	0.088	
32	2017-2019	2	Dr. S. A. Martin Britto Dhas	Physics	Shock wave assisted leather tanning process- An eco-friendly approach	0.95	First Installment Outside the Assessment Timeline	0.25	
						TOTAL	12.467	5.978	
						TOTAL		18.445	