

# SACRED HEART COLLEGE (AUTONOMOUS)



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

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

## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

### 3.2.2 Number of Research Projects per teacher funded by Government, Non-Government , Industry, Corporate Houses, International Bodies

Serial No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration in Months	Year of award or sanction	Amount in INR.
1	Dr. Nahren Manuel M	Multiscale Modelling to Gain Mechanistic Insights into Glucose Transporters	Science & Engineering Research Board (SERB)	24	2018	320000
2	Dr. Niyas Ahmad	Human Urine as Solvent for Nano artile dispersion and its evaluation studies on Agriculture	Tamil Nadu State Council for Science and Technology	3	2019	7500
3	Vilvamani	Meta Polypyridyl complexes for functionalized nanostructures	Tamil Nadu State Council for Science and Technology	3	2019	7500
4	Dr. Britton Antony Xavier D	Modelling with Fractional difference Operators in Transforms	Tamil Nadu State Council for Science and Technology	24	2019	300000
5	Dr. Nahren Manuel M	Multiscale Modelling to Gain Mechanistic Insights into Glucose Transporters	SERB-ECR Teacher Associateship for Research Excellence (TARE)	36	2019	400000
6	Dr. Xavier Soosai Raj A	Economic Valuation of Health Impact of Tannery Water Pollution in India: An	Indian Council for Social Science Research, New Delhi	24	2019	400000

		Application of Cost of Illness Approach				
7	Dr. Nahren Manuel M	Understanding The Functional Dynamics and Drug Efflux Mechanism of ABC Transporters	SERB Teacher Associateship for Research Excellence (TARE)	36	2020	275000
8	Dr. Siva Gurunathan S	Impact of Parental Level of Education on Students' Educational Attainment in Tirupattur District	Malcolm and Elizabeth Adiseshiah Trust, Chennai	12	2020	100000
9	Dr. Nahren Manuel M	Understanding The Functional Dynamics and Drug Efflux Mechanism of ABC Transporters	SERB Teacher Associateship for Research Excellence (TARE)	36	2020	275000
10	Dr. Siva Gurunathan S	Impact of Parental Level of Education on Students' Educational Attainment in Tirupattur District	Malcolm and Elizabeth Adiseshiah Trust, Chennai	12	2020	100000
11	Dr. Kannappan P	Effect of SWIFT Heavy Ion (SHI) irradiation induced room temperature ferromagnetism in Zinc based II-VI Compound semiconductor Nano Structure Thin films for spintronics devices	Inter University Accelerator Centre, New Delhi	24	2021	294267
12	Dr. Britton Antony Xavier D	Bridging the Research Gap Funding	Tamil Nadu State Council For Science and technology	24	2021	150000
13	Dr. Kannappan P	Effect of SWIFT Heavy Ion (SHI) irradiation induced room temperature ferromagnetism in Zinc based II-VI Compound semiconductor Nano Structure Thin films for spintronics devices	Inter University Accelerator Centre, New Delhi	24	2021	294267
14	Dr. Britton Antony Xavier D	Bridging the Research Gap Funding	Tamil Nadu State Council For Science and technology	24	2021	150000
15	Dr. Martin Britto Dhas S A	Studies on impact of dynamic shock waves on metal ferrite nanoparticles for energy storage applications	BRS RESEARCH FOUNDATION, Saudi Arabia	24	2022	500000

16	Dr. M. Jose	Synthesis, Characterisation and Impedence Analysis of Mgo@Sio2 Core-Shell Structured Nanocomposiotes	Tamil Nadu State Council for Science and Technology (TNSCST)	3	2022	7500
17	Dr. Poongothai A	A Comparative study of Antioxidative and Cardioprotective efficacy of white and pink extract of brassica oleracea	Tamil Nadu State Council for Science and Technology (TNSCST)	3	2022	7500
18	Dr. Prakash Raj G	Functioning of Regulated Agricultural Markets and their role in farmers economic upliftment	ICSSR	12	2022	340000
19	Dr. Saravanan P	A study on Issues and Challenges of Women Entrepreneurs with special reference to Schedule Caste and Schedule Tribes Women Entrepreneurs in Yelagiri and Javadhu hills Tirupattur and Thiruvannamalai Districts Tamil Nadu	ICSSR	12	2022	250000
20	Dr. Padmavathi V	Screening of Prevalance Morphological Characteristics and Silver Nanaoparticals Using Novel Therapeutically drug for Intestinal Parasite Infections at Tirupathur District in Tamil Nadu	Tamil Nadu State Council For Science and technology	6	2023	7500
21	Dr. Jayabalan T	Synthesis, Characterisation of Pom Based Hybrid Material and Its Application	Tamil Nadu State Council For Science and technology	6	2023	7500
22	Dr. Amala K	Development of Bacterial Consortium Immobilized Beats for the Decolorization Toxic Azo Dyestion	Tamil Nadu State Council For Science and technology	6	2023	7500
23	Dr. John Sundaram S	Screening of Novel Inhibitors Against EGFR-Positive Lungs Cancer-A Computational Approach	Tamil Nadu State Council For Science and technology	6	2023	7500