

Department of Physics: Research Project details (2015-January 2022)

S.No	Faculty name	Title of the Project	Duration	Type of the Project /Amount Rs.	Name of the Funding Agency	Any JRF /SRF/ Staff appointed in this project
1.	Dr.B.Nalini (Co-PI)	"Concerted approach to diagnose and manage anemia through development of cost-effective point of care devices". Co-PI TPN-63739 Work Group 5: To fabricate a non-invasive device for detection of parasitic infestation leading to anemia	DST-BDTD	Overall Amount 1,24,93,000 Amount for the workgroup 20,93,000	First year Fund to be released	Dr.B.Nalini (Co-PI)
2.	Dr. N. S. Rajeswari Ms. V. Bhuvanewari	Design ,Construction and analysis of portable gamma radiation detector using Arduino	03.05.2021 - 02.05.2022 (1 Year)	Government 1.16 Lakhs	DST-Curie-AI-Phase –II	P.Mehana
3.	Dr.V.Sasirekha	Plasmonic Dye Sensitized Solar Cell	04.01.2019- 30.04.2019 4 Months	Government 0.30 Lakhs	UGC – In-house	
4.	Dr. N. S. Rajeswari	Influence of improved Nilsson parameters in single particle level scheme of rare earth nuclei	4.12.2017 – 31.03.2018 4 Months	Government 0.20 Lakhs	UGC – In-house	-
5.	Mrs. S.Anitha	Spectroscopic investigation on Polyphenol: Experimental and Theoretical Study	4.12.2017 – 31.03.2018 4 Months	Government 0.20 Lakhs	UGC – In-house	-
6.	Dr.V.Sasirekha	Thin film Dye Sensitized Solar Cell	2013-2016 (3 Years)	Government 26.88 Lakhs	DST-SERB(FAST TRACK)	-
7.	Dr.B.Nalini	Nanogranular film for White Light LED applications	2012-2015 Revisited to 2013(3 Years)	Government 24.90Lakhs	DAE-BRNS	Y.Sudha
8.	Dr.RachelOommen and	Synthesis and Characterization of	2012-2016 (3 Years 6	Government	DRDO	Tamil Illakkiya.J

	Dr.P.Usharajalakshmi	Corrosion Resistant semiconducting Electrode for Photoelectrochemical Application	Months)	46.53 Lakhs		
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