

S.No	Title of the Project	PI & Co I	Agency	Amount in Lakhs (INR)	Duration (Years)
1.	Synthesis of Lube/fuel additive from CNSL	PI: Dr. T. Ramachandran	UTech, USA	10.00	2006-2008
2.	Electrodeposition of Aluminium-Lithium alloys for cryo and space applications	PI: Dr. T. G. Satheesh Babu	ISRO	10.00	2008-2011
3.	Synthesis, characterization and liquid crystalline studies of azo, schiff base containing porphyrin complex	PI: Dr. R. Yamuna	CSIR	21.00	2009-2011
4.	Synthesis of intermediate analogues for biologically active molecule	PI: Dr. Prasanna Ramanai	Aventis Pharma Ltd	0.5	2011-2014
5.	Synthesis, characterization and liquid crystalline studies of bridged dicobaloximes	PI: Dr. R. Yamuna,	DST	28.00	2012-2015
6.	Nanostructured biodegradable coating on magnesium alloys for biomedical applications	PI: Dr. M. Karthega	DST	10.44	2012-2015
7.	Development and Fabrication of Non-enzymatic Electrochemical Glucose Biosensors and Fabrication of Glucometer	PI: Dr. T. G. Satheesh Babu	DBT	61.5	2012-2015

8.	Total Synthesis of modified benzophenanthridines - A preliminary anti-cancer study"	PI: Dr. Prasanna Ramani	Heutrey Petrochem India Pvt. Ltd	1.5	2012-2015
9.	Lab- on -a -chip (LOC) for the monitoring of diabetes, cholesterol, and kidney function	PI: Dr. Bipin Nair, Co-PI: Dr.T.G. Satheesh Babu, Prof. T. Ramachandran	DBT	75.6	2012-2015
10.	Nanostructured thin films of composites synthesised by spray coating techniques for corrosion and wear resistance Applications	PI: Dr M Sivakumar Co-PI: Dr Uma Maheswari	DRDO	27.14	2012-2016
11.	Design, Synthesis & Characterization of modified PNA Analogues	PI: Dr. Prasanna Ramani	DST	27.00	2013-2016
12.	Development of Lab-on-a-chip for early detection of cancer in women	PI: Dr. T.G. Satheesh Babu	DBT	43.60	2014-2017
13.	Cost Effective Device and Cloud Enabled Smart Solution for Diabetes Care	PI: Dr. Bipin Nair, Co-PI: Dr. T. G. Satheesh Babu	BIRAC, DBT	190.00	2016-2018
14.	Affordable paper based microfluidics point of care testing device for liver function	PI: Dr. T.G. Satheesh Babu, Co-PI: Dr. T Ramachandran, Dr. Bipin Nair	DBT	44.346	2016-2019
15.	Rapid and Simple Naked Eye Detection of Carcinogenic	PI: Dr. V. Swarnalatha	DST	11.01	2016-2019

	Trace metals Using Natural Dyes				
16.	Development of Indigenous 3D and 2D Retinal Imaging Device	PI: Dr. K. Murugadass	DST	13.00	2016-2019
17.	Promoting a Model for Skill Development, Capacity Building and Food Processing among Irular Tribes of Madukkarai Block, Coimbatore District	Dr.P.R.Janci Rani, Dr.Tharanidevi.N, Dr.Nagalingam, Dr.Rajathilagam.B	NRDMS, DST	23.75	2016-2019
18.	Understanding the device physics of solution-processed solar cell from earth abundant $Cu_2ZnSn(S/Se)_4$ materials	PI: Dr. Sudip K. Batabyal	SERB, DST	30.3	2016-2019
19.	Design and Validation of Point of Care Disposable Sensor Strips for Diagnosis of Tuberculosis from Urine Samples	PI: Dr. T. G. Satheesh Babu, Co-PI: Dr. John Stanley	DBT	25.00	2017-2018
20.	Nanocomposites based on graphene oxide and transition metal oxides and chalcogenides synthesized by peroxide route for supercapacitor application	PI: Sudip K. Batabyal PI: Dr. Petr Prikhodchenko	DST	24.3	2017-2019
21.	Non-metallic heterojunction photocatalyst immobilized microcapillaries as optofluidic	PI: Dr. Venkata Ravi Kumar Darbha	DST-SERB	29.342	2017-2020

	reactors for the effective continuous flow solar water disinfection				
22.	Nanostructured iron-based mixed metal oxide photovoltaic thin films	PI: Dr. A. Uma Maheswari Co-PI: Dr. M. Sivakumar & Sudip K. Batabyal	DST	31.842	2017-2020
23.	Nano-engineered high power Li-ion battery materials and proto-type device fabrication to deliver a capacity of 500 mAh	PI: Dr. Dhamodaran Santhanagopalan, CO-PI: Prof. Shantikumar V. Nair, Dr. Sudip K. Batabyal.	DST-SERB	57.09	2018-2020
24.	40 PLUS- A paper based microfluidic chip for the monitoring of women health after 40	PI: Dr. T. G. Satheesh Babu Co-PI: Dr. John Stanley, Dr. Suneesh P. V., Dr. Bipin Nair	DBT	63.714	2018-2021
25.	Fabrication of a lab-on-a-chip device for the Point of care testing of Hemoglobin	PI: Dr. Suneesh P. V. Co-PI: Dr. T. G. Satheesh Babu	DST	32.00	2018-2021
26.	Enhancement of Livelihood for Scheduled Caste households through an ICT enabled Integrated Rural Nutrition Centre in Madukkarai block of Coimbatore District, Tamil Nadu	PI: Dr.P.R.Janci Rani Co-PI: Dr.Tharanidevi N., Dr.Vidya Balasubramaniam, Dr.Rajathilagam.B, Dr .Dhanya .N.M	DST-SEED	41.4	2019-2022

<b>27.</b>	Awareness on micronutrient deficiencies for tribal women of Coimbatore district	PI: Dr. P.R.Janci Rani, Co-PI: Dr.Tharanidevi. N	Mo Tribal Welfare	9.75	2019-2021
<b>28.</b>	Construction of a basic flash sintering set -up and study of its application to the fabrication of dense oxides and carbides	PI: Dr. A. K. Nanadakumar	DST- SERB	22.77	2020-2023
<b>29.</b>	Development of Scale-up, pump-less free convection - riven soluble led redox flow battery.	PI: Dr. Mahendra Naktuji Nandanwar Co-PI: Dr. Sudip K. Batabyal	DST-SERB	30.4	2021-2023
<b>30.</b>	Effect of good synergistic nutritious food on the micronutrient status of mother and children for 1000-day care	PI: Dr. P.R.Janci Rani Co-PI: Dr.Tharanidevi. N	Mo Tribal Welfare	19.89	2021-2023
<b>31.</b>	Development of chemically modified carbon based interfacial solar evaporator	PI: Dr. Sudip K. Batabyal	DST	33.7	2021-2024
<b>32.</b>	Utilization of micronutrients rich indigenous cow dung to develop an innovative dermal trace metal delivery system with multifunctional facets	Dr. G. Sivasubramanian, Dr. K. M. Sreekanth	DST-SUTRA	78.22	2021-2024