

LIST OF SANCTIONED GOVERNMENT PROJECTS TILL DATE

Name of the Principal Investigator / Co Investigator	Title of the Project	Name of Funding Agency	Department of Principal Investigator / Co Investigator	Sanctioned Year	Funds Provided (In Lakhs)
Dr.S.Kaja Mohideen	Application of AI and IoT for a smart world- Popularization of Sciences	TNSCST	ECE	2023-24	0.25
Dr.Sivagaami Sundari & Gunasekaran	Application of AI and IoT for a smart world- Popularization of Sciences	TNSCST	CGOM	2023-24	0.20
Dr.Md.Khurshid Alam Khan & Dr.Karthikeyan	Structure -based design and development of selective New Delhi metallo bete lactamse-1 inhibitors to combat antibiotic resistance	ICMR	SLS, Chemistry	2023-24	65.26

Dr.Karthikeyan Ramalingam	The efficiency of nano emulsion- based nutrient delivery systems in next generations shrimp feeds with emphasis on nutraceutical and final product quality	DBT	Life Sciences	2022-23	90.0
Dr.S. Bhagavathy	Synthesis of c-aryl Septanosides as analogues of c-aryl glycosidic inhibitors	SERB-POWER	Chemistry	2022-23	23.5
Dr.Siddhi Jailani & Jainullabuddin Mahashar Ali	Non contact surface roughness measurement of machined surfaces using the wavelet metrics of laser speckle images	AICTE	Mechanical	2022-23	8.6
Dr.S.Hemalatha	Nano formulation to enhance growth, metabolites production and disease protection for sustainable cultivation of medicinal plants	State forest Research Institute Division	Life Sciences	2022-23	3.0
Dr.Asha Jhonsi	Development of aggregation induced emission active fluorescent powders for forensic application	TNSCST(PS-044)	Chemistry	2022-23	0.075
Dr.Parnasree Chakraborty	Wearable mimo antenna for health monitoring, Dr.Parnasree Chakraborty	TNSCST(EEE-154)	ECE	2022-23	0.075
Dr.M.A.Sai Balaji	Design and fabrication of automatic goods weighing system in a truck	TNSCST (EME-0089)	Mechanical	2022-23	0.075
Dr.Noor Aman Ahrar Mundari	Synthesis of novel floating photocatalyst for wastewater treatment	TNSCST (ES-069)	Chemistry	2022-23	0.075

S.Vishwapriya	Extraction of chitin and preparation of chitosan nanoparticles from shell and pulp of Borassus flabellifer and their antimicrobial activity	TNSCST (BS-0054)	Life Sciences	2022-23	0.075
Dr.Venkatalakshme Ranganathan	Evaluation of Herbal Tea for the Treatment of Urolithiasis	*International Government University CERVI, UCSI University Centre for Research value Innovation Entrepreneurship	Pharmacy	2022-23	9.40
Dr Surya Rajan	rGO coated steel fibre with enhanced thermal conductivity and wear resistance for copper free brake pads	DST SERB	Mechanical Engineering	2021-22`	18.0
Dr.C.Tharini	Development of low cost reader for soil macronutrient detection using printed electrode and integrated android application from the department of biotechnology.	Department of Biotechnology (DBT)	ECE	2021-22	35.84
Dr.Karthikeyan Ramalingam	Nano-ointment (Nanoemulsion/ Nanoparticles)- for the treatment of hospital infection caused by multi drug resistant Klebsiella pneumoniae pathogens	ICMR	Life Sciences	2021-22	14.85

Dr. D. Mubarak Ali & Dr. S. Hemalatha	Smart Textile with Antimicrobial and Water Repellent Properties for Coronavirus - International Project	Kasetsart University, Department of Materials Engineering, Thailand	Life Sciences	2020-21	38.0
Dr. S. Hemalatha & Dr. Ranjani	An Evaluation Yoga Module in Lung Inflammation and ALRI	Department of Science and Technology (DST) - (SATHYAM)	Life Sciences	2020-21	15.0
Dr. P.D.Jeyakumar & Dr. Arokia Julius	ATAL FDP on 3D Printing & Design	All India Council of Technical Education (AICTE)	Mechanical Engineering	2020-21	0.93
Dr.Vasanthi Padmanabhan & Dr.A.Kaliluthin	Continuous Ambient Air Quality Monitoring Station (CAAQMS)	Tamil Nadu Pollution Control Board (TNPCB)	Civil & Estate office	2019-20	150.0
Ms. Roopa	Corrosion protection and service life extension of reinforced concrete roofing systems in existing buildings	Science and Engineering Research Board (SERB)	Civil	2019-20	18.3

Dr. Vasanthi Padmanabhan & Dr. J. Revathy,	Modernization and upgradation of Structural Engineering Laboratory – Establishment of Non-Destructive Testing Facility for Concrete (MODROB)	All India Council of Technical Education (AICTE)	Civil	2019-20	10.0
Dr. J. Hemalatha & Dr. S.Prasanna	Copper smelters and its impact on the health of downstream people, the economic livelihood of its employees, and waste management system. the case of Sterlite Copper in Tuticorin, Tamil Nadu	All India Council of Technical Education (AICTE)	Management Studies	2019-20	2.84
Dr. Nikhat Hamza & Dr. C. Tharini	Be the change, Teaching learning process - Short Term Training Program (STTP)	All India Council of Technical Education (AICTE)	HR & Electronics & Communication Engineering	2019-20	2.74
Dr. Karthikeyan	Triazole based New Functional Chromophores for optoelectronics and Biological Application	Tamil Nadu State Council for Science and Technology (TNSCST)	Chemistry	2019-20	3.20
Dr. J.Revathy & Dr.P.Gajalakshmi	Seismic Performance of Light - Research Promotion Scheme	All India Council of Technical Education (AICTE)	Civil	2019-20	2.0
Dr. J. Revathy & M. Abdulrahman	Influence of Bacterial Species on the Durability Performance of Green Concrete for Sustainable Built Environment	Tamil Nadu State Council for Science and Technology (TNSCST)	Civil	2019-20	0.075
Dr. P. Gajalakshmi	Application of Bio medical waste for the development of sustainable concrete	Tamil Nadu State Council for Science and Technology (TNSCST)	Civil	2019-20	0.075

Dr. N. Prakash & Dr R. Priyadarshini	Skill and Personality Development Program Centre for SC/ST students (SPDC)	All India Council of Technical Education (AICTE)	Information Technology	2019-20	14.68
Dr. S. Hemalatha & Dr. Ranjani.	Formulating antibiotic resistance breakers to control multidrug resistant pathogenic bacteria	Department of Biotechnology (DBT)	Life Sciences	2018-19	30.34
Dr. T. Harinarayana	Supply Erection, Installation, Commissioning, Operation and Maintenance of Co-Digestion plant for Organic Fraction of Leftover Food waste, Vegetable peels and Fruit peels for Biogas generation from Hotel industry on Turnkey basis - Biogas Plant	CSIR-Central Leather Research Institute funded by Department of Science and Technology (CLRI & DST)	Centre for Sustainable Development	2018-19	21.7
Dr. M. Parvez Alam & Dr.S.Hemalatha	Bio Incubator Grant (Bio Nest)	Biotechnology Industry Research Assistance Council (BIRAC)	CIIC & Life Science	2018-19	240.0
Dr.M.S.Haji Sheik Mohammed	Structural Behavior of Corroding Prestressed Concrete Systems and Extension of Service Life using Cathodic Protection	DST, SERB, New Delhi	Civil	2018-19	39.6
Dr.C.Tharini	Modernization of RF and microwave lab for signal quality measurements in sub 3Ghz- Morderisation and Removal of obsolescence (MODRB)	AICTE	Electronics and Communication Engineering	2018-19	20.0
Dr. Asha Jhons Mariadoss	Light induced process of Hierarchical electron cascade system, Materials and Devices for Solar energy conversion	Science and Engineering Research Board (SERB)	Chemistry	2018-19	18.3

Dr. SivashanmugaValli	Design of Antennas for 5G Applications	Science and Engineering Research Board (SERB)	Electronics and Communication Engineering	2018-19	18.3
Dr. Karunanithi	Synthesis and Characterization of ZrO ₂ Dispersed Ti, Ti-6Al-4V, Ti-6Al-5V, Ti-6Al-7Nb composite	Science and Engineering Research Board (SERB)	Mechanical Engineering	2018-19	18.3
Dr. E.Syed Mohamed	Cellular Automata Models for Propagation of Tsunami Waves	Science and Engineering Research Board (SERB)	Computer Science & Engineering	2018-19	12.48
Dr. Afzalur Rahman & Dr. Mohd. Amir	An empirical Investigation of Minimum support price on Agriculture Commodities	Tamil Nadu State Council for Science and Technology (TNSCST)	Commerce	2018-19	1.8

Total: 947.9 Lakhs