

COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

Funded Research Projects

DEPARTMENT OF CIVIL ENGINEERING

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr.P.Govindan, Dr.E.B.Perumal Pillai	Behaviour of Multistorey Brick infilled RC frames (Without Openings)	MHRD	500000	1992		Completed
2	Dr.P.Govindan, Dr.E.B.Perumal Pillai	Behaviour of Multistorey Brick infilled RC frames (With Openings)	CSIR	300000	1993		Completed
3	Prof.M.Ragunathan, Dr.K.Rasappan	Treatment and resuse of waste from students hostel	AICTE	300000	1997		Completed
4	Prof.R.Krishnamoorthy, Dr.A.Sethurathanam	Coire fibre reinforced sheets and tiles for low cost houses	AICTE	500000	1997		Completed
5	Dr.K.Subramanian	Optimal design of composite plates with singularites subjected to stability and dynamic constraints	AICTE	400000	1997		Completed
6	Dr.P.Govindan	Development of High performance new composite materials, SIFON	AICTE	400000	1997		Completed
7	Dr.P.Meenakshi	Air quality assessment and modeling for coimbatore city	AICTE	500000	1999		Completed
8	Dr.M.Inbasakaran, Prof.M.Dhanabalakrishnan	Augmentation of computing facilities in structural engineering	AICTE	800000	1999		Completed
9	Dr.S.Shanmugam, Dr.A.Sethurathanam	Investigation on Prediction of Residual Service Life & Rehabilitation Techniques for	AICTE	1000000	2000	4 Years	Completed

		RC Structures subjected to Rebar Corrosion					
10	Dr.V.G.Srisanthi, Dr.K.Subramanian	Seismic Response Control of Multi-Storeyed Structures	AICTE	960000	2002	3 Years	Completed
11	Dr.K.Subramanian, Dr.V.G.Srisanthi	Response Control Using Base Isolated Structures Under Lateral Loads	UGC	430000	2002	3 Years	Completed
12	Dr.V.Vijayalakshmi, Dr.K.Subramanian	Analytical and Experimental simulation of intelligent structural system	AICTE	1000000	2004	4 Years	Completed
13	Dr.K.Subramanian, Dr.R.Sathyanarayan Sridhar	Modernization of Structural Engineering Laboratory	AICTE	1400000	2004	4 Years	Completed
14	Dr.R.Sathyanarayan Sridhar	Geomorphology and Confluence width changes of Cauvery delta shoreline using Remote Sensing and GIS	DST	890000	2005	3 Years	Completed
15	Dr.M.Kalaiarasu, Dr.K.Subramanian	High Performance concrete using recycled concrete waste	AICTE	355000	2005		Completed
16	Dr.E.B.Permual Pillai	Experimental Investigations on the strength and durability characteristics of concrete with metakolin and redmud	AICTE	275000	2006		Completed
17	Dr.S.Keerthinarayana	Memberane Bioreactor for Tannery Wastewater treatment	AICTE	600000	2007		Completed
18	Dr.K.Subramanian, Dr.V.G.Srisanthi, Dr.M.P.Muthuraj	Testing of Masonry walls with earthquake resistant features	UNDP	475000	2007		Completed
19	Dr.K.Subramanian, Dr.V.G.Srisanthi, Dr.M.P.Muthuraj	Testing of Composite light weight load bearing wall panels	INSDAG	250000	2009	1 Year	Completed

20	Dr.V.G.Srisanthi	A cost effective unburnt interlocking brick for masonry work and method for construction of the wall with the same.	RPS-NDF	690000	2019	3 Years	Ongoing
21	Dr.V.G.Srisanthi	Behaviour of prestressed steel lattice structures under Reversible loading	AICTE	1430000	2013	3 Years	Completed
22	Dr.V.G.Kalpana	Effect of GGBS and granite waste on the mechanical and thermal properties of bricks	Tamilnadu State Council for Science and Technology	7500	2021	1 Year	Ongoing
23	Dr.V.G.Kalpana	Influence of nano silica on mechanical properties of glass fibre reinforced concrete	Tamilnadu State Council for Science and Technology	10000	2018	1 Year	Completed
24	Dr.V.G.Kalpana	Behaviour of Fabric Structure and Reinforcing Efficiency of Textile Reinforcements in RC Structures	AICTE	350000	2009	3 Year	Completed

DEPARTMENT OF MECHANICAL ENGINEERING

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
ACADEMIC YEAR 2012-2013							
1	Dr.V.Selladurai	Development of Multi - Sensor Fusion System for Humanoid Robots	AICTE - RPS	13,40,667	2012 - 2013		Completed
2	Dr.N.Murugan Dr.G.Sureshkannan	Investigation on the Effect of FSW Process Parameters on Metallurgical and Corrosion Properties of Naval Grade Steels	DRDO	18,66,000	2012 - 2013		Completed
3	Dr.A.Kannammal Dr.Rajesh Ranganathan	Development & Evaluation of Personalized Advisory System for Management of Pests & Diseases of Potato in Nilgiris using Information & Communication Technologies	DST	72,00,000	2012 - 2013		Completed

4	Dr.N.Murugan Dr.G.Sureshkannan	Investigation on Friction Surfacing of Titanium Alloy with Aluminium Matrix Composite Reinforced with B4C	AICTE - RPS	20,50,000	2012 - 2013		Completed
5	Dr.K.Marimuthu Dr.K.Jayabal	Experimental and Finite Element Modelling of Piezo Electrically Actuated Macro Fiber Composites	AICTE - RPS	18,23,334	2012 - 2013		Completed
6	Dr.K.Marimuthu	Design and Development of Natural Fiber Reinforcement Composite for Replacing RCC slabs	AICTE - RPS	13,00,000	2012 - 2013		Completed
ACADEMIC YEAR 2013-2014							
1	Dr.N.Rajam Ramasamy	Colour Control in Fly Ash as a Combined Function of Particle Size & Chemical Composition	AICTE - SEMINAR GRANT	1,50,000	2013 - 2014		Completed
2	Dr.Rajesh Ranganathan	Design and Development of Innovative Product for Reduction of Foot Ulcer for Diabetic	DST - FAST TRACK SCHEME FOR YOUNG SCIENTIST	20,12,000	2013 - 2014		Completed
3	Dr.V.Selladurai Dr.Rajesh Ranganathan	Advanced Training & Research "Centre of Excellence in Manufacturing	MHRD	1,00,00,000	2013 - 2014		Completed

		Sciences” - Establishment of centres for training and Research in Frontier Areas of Science and Technology (FAST)					
4	Dr.R.Sivasubramanian	Investigation of Optimization of Process Parameters in Machining of Metal Matrix Composites	AICTE - MODROBS	10,00,000	2013 - 2014		Completed
ACADEMIC YEAR 2014 - 2015							
1	Dr. G SURESHKANNAN	Advanced Nano Material for Clean Energy Application	UGC&SIU, NORWAY - INCP	9500000	2014 - 2015		Completed
ACADEMIC YEAR 2015 - 2016							
	Dr.RAJESH RANGANATHAN	Advanced Training & Research “Centre of Excellence in Manufacturing Sciences” - Establishment of centres for training and Research in Frontier Areas of Science and Technology (FAST)	MHRD - FAST	1,00,00,000	2015-2016		Completed
ACADEMIC YEAR 2016-2017							
1	Dr.G.SureshKannan	Investigation on Microstructural and Mechanical Behaviour of	UGC - Minor research project	3,70,000	2016 - 2017		

		Dual Phase Steel with Manganese using Image Analysis					
ACADEMIC YEAR 2017-2018							
1	Dr. G SURESHKANNAN	Investigation on Micro-structural and Mechanical Behaviour of Dual Phase Steel with Manganese using Image Analysis	UGC – Minor Research Project	370000	26.03.2017	Two Years	Completed
2	Dr. RAJESH RANGANATHAN	Continuation of Centre of Excellences (CoEs) under the scheme of Frontier Areas of Science and Technology (FAST)	Manufacturing Science at Coimbatore Institute of Technology, Tamil Nadu	5000000	25.01.2018	Two Years	Completed
3	Dr. G SURESHKANNAN	Design and Fabrication of Orbi – Bicycle	TNSCST Student Project Scheme	10000	27.01.2018	One Year	Completed
ACADEMIC YEAR 2018-2019							
1	SAM SOLOMON D P REVANTH P DINESH KUMAR A RAJAVEL C VIGNESVARAN M	Computational and Experimental Analysis of Flow Patterns in Channels using Dye Visualization	TamilNadu State Council for Science and Technology	7500	6/12/2018	One year	Completed
2	Dr. H. SIVARATHINAMOORTHY	Experimental Investigation on Double Pass Solar Air Heater With Thermal Energy Storage	SEED MONEY - CIT	44000	September, 2018	One year	Completed

3	SAM SOLOMON D P	Experimental Analysis of Flow and Vorticity Formation and its Impact on Heat Transfer rate in Double Cross Flow Heat Exchangers	Seed Money - CIT	46500	11/8/2018	Three years	Completed
ACADEMIC YEAR 2019-2020							
1	K. KARTHIK	Optimization of Process Parameters of Abrasive Waterjet Machining on SS304	Tamilnadu State Council for Science and Technology	7500	Jun-19	One year	Completed
2	THIRUMURUGAN. S	Performance evaluation of ionano fluids(INFs) as absorbent in Vapor Absorption Refrigeration Systems	CIT - SEED MONEY	93600	19.08.2019	One year	Completed
3	SAM SOLOMON D. P	Partial Financial support - "National Level Workshop on Power Plant Engineering"	TamilNadu State Council for Science and Technology	20000	2/28/2020	2 Days	Completed
ACADEMIC YEAR 2020-2021							
1	K. KARTHIK	Spherical Hopping Terrain Surveillance Robot (SPHOT)	TEQIP – III, CIT	15000	15.12.2020	One year	Ongoing
ACADEMIC YEAR 2021-2022							
1	K. KARTHIK	Experimental Investigation of Dissimilar metal	Seed Money, CIT Management	100000	31.03.2021	One year	Ongoing

		weld joints using GTAW process					
2	Dr.G.SUGANYA PRIYADHARSHINI	Design and fabrication of autonomous mobile robotic system for library management	TNSCST Student Project Scheme-EME0958	7500	11.03.2022	One year	Completed

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Prof.P.Sundaramoorthy	Modernization of Electrical & Electronics Lab 8017/RDII/BOR/DEG/443/98-99	MODROB	8,00,000.00	24.03.1999	1999-2001	Completed
2	Dr.P.Anbalagan, Ms.K.Vanithamani	Centre for the Development of Solar Power Applications . AICTE 8017/RDII/R&D/TAP (898/98-99)	AICTE	5,00,000.00	27.03.1999	1999-2001	Completed
3	Dr.A.Y.Sivaramakrishnan, Mr.C.Vivekanandan	Transducers and Instrumentation Laboratory AICTE 8017/RDII/R&D/TAP (898/98-99)	AICTE	5,00,000.00	17.05.1999	1999-2001	Completed
4	Ms.M.Sundarambal, Ms.S.Umamaheswari	Centre for design for VLSI circuits for Industrial Electronics No.8018/RDII/BOR/TAP(361)/99-2000/364	AICTE	5,00,000.00	24.03.2000	2000-2003	Completed

5	Prof.K.R.Palanisamy	Centre for personnel computer based testing of electrical machines 8018/RDII/BOR/TAP/(352)	TAPTEC	7,00,000.00	24.03.2000	2000-2003	Completed
6	Dr.R.Jayaparvathy, Mr.S.J.Sugumar	Centre for Excellence in Wireless Sensor Network Research 8023/BOR/RPS-77/2006-07	AICTE	10,00,000.00	26.02.2007	2007-2010	Completed
7	Dr. V. Manikandan, Dr.A.Kavithamani	Design and Development of Digital Controller for Complex Fault Tolerant and Robust Control Approaches F.No.36-331/2008(SR)	UGC	7,65,000.00	30.01.2009	2008-2012	Completed
8	Dr.M.Sundarambal, Dr.S.J.Sugumar	Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) –Level 0	FIST	3,67,000.00	01.11.2010	2010-2013	Completed
9	Dr. V. Manikandan, Dr. M.Sundarambal, Dr.E. Chandira Sekaran	Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) –Level 0 Ref.SR/FST/FIST/COLLEGE-069/2010	FIST & DST	8,87,000.00	01.11.2010	2010-2013	Completed
10	Dr.R.Jayaparvathy , Mr.S.J.Sugumar	An Early warning system for elephant Intrusion detection along forest border areas	Department of Forests, Government of Tamilnadu	75,000.00	2010	2010-11	Completed
11	Dr.E. Chandira Sekaran	Centre for Development of Advanced Computing	UGC	9,28,672.00	2010	2010-2013	Completed
12	Dr.E. Chandira Sekaran	Development of Dynamic Voltage Restorer (DVR) based Voltage Source Stabilizers for Process Industry	CPRI	14,50,000.00	2011	2011-2014	Completed

13	Dr.J.Devi Shree, Ms.P.Devaki	Centre for Wind Power Generation with Efficient Tracking System AICTE RPS 12/AICTE/RFID/RPS/(POLICY-II) – 19/2012-13 Dt. 20.01.2013)	AICTE	17,75,000.00	20.01.2012	2013 - 2017	Completed
14	Dr.R.Prabhakar, Dr.E.ChandiraSekaran	Indigenous Design and Development of Batteryless and Transformerless Standalone Solar PV Systems (Capacity: 8 KW)	CIT	6,00,000.00	19.06.2012	2012- 2013	Completed
15	Dr.E.ChandiraSekaran Dr.S.R. Sivarasu	Research investigation,development and performance analysis of micro grid with embedded controller for energy optimization in hybrid power systems F.No.41-656/2012(SR)	UGC Major Research Project	9,36,000.00	23.7.2012	2012- 2015	Completed
16	Dr.E.ChandiraSekaran	Indigenous Design and Development of Battery less and Transformerless Standalone Solar PV systems, Capacity:8kW	CIT	6,00,000.00	2012	2012-13	Completed
17	Dr.E. Chandira Sekaran Dr.S.R. Sivarasu	Research Investigations on Optimal Relay Coordination and Improved Reliability In Micro Grids Using Programmable Logic Control (AICTE RPS 20/AICTE/RFID/RPS/(POLICY-II) – 16/2012-13. Dt. 20.01.2013)	AICTE	19,30,000.00	20.01.2013	2013- 2016	Completed
18	Dr.S.Vasantharathna	Development of an Intelligent System to Detect Adulteration and Contamination in Food Products (Using Computer Vision in High Performance Computing) (AICTE RPS 12/AICTE/RFID/RPS/(POLICY-II) –	AICTE-RPS	14,80,000.00	20.01.2013	2013 - 2014	Completed

		14/2012-13 Dt. 20.01.2013)					
19	Dr.S.Vasantharathna, Dr. E. Chandira Sekaran	Power Energy and Smart Grid Systems Lab (AICTE MODROBS 12/AICTE/RFID/MOD/ (POLICY II) 18/2012-13, Dt. 31.01.2013)	AICTE- MODROBS	18,30,000.00	31.01.2013	2013 - 2014	Completed
20	Dr.S.Suja	Model Predictive Control With Integrated Wind/Solar Energy Generation For Water Desalination System (AICTE RPS 20/AICTE/RFID/RPS/(POLICY-II) – 15/2012-13,Dt. 20.01.2013)	AICTE	14,83,334.00	20.01.2013	2013 - 2017	Completed
21	Dr.M.Sundarambal, Dr.A.Kavithamani	Modernization & Removal of Obsolescence (MODROB) in Digital Integrated Circuits Laboratory (AICTE MODROBS 9- 39/RFID/MODROB/ Policy-1/2013- 14)	AICTE	18,97,000.00	15.07.2013	2013- 2017	Completed
22	Dr. E. Chandira Sekaran	Intelligent Remote Health Monitoring for Bridge Systems (Joint project of Structural Engineering Research Centre(CSIR-SERC), Chennai, Dept. of EEE, CIT, and Central Road Research Institute(CSIR-CRRI), New Delhi)	CSIR	15,00,000.00	23.09.2014	2014 - 2018	Completed
23	Dr. V. Manikandan , Dr. S. Elango	Centre for Advanced Studies in Engineering and Technology (1- 3/RIFD/PCTE/POLICY-1/2014-15)	AICTE	9,00,000.00	10.11.2016	2016 - 2021	Completed
24	Dr.V.Manikandan	Hospital Macerator 3(10)/2016/NMCP/22nd Meeting	MSME	3,23,000.00	09.02.2017	Project sanctioned	Yet to start

25	Dr.S.Vasantharathna	Digital Energy Network : Internet of Things & Smart Grid Technologies	AICTE	6,30,000.00	06.06.2017	2017-2020	
26	Dr.V.Manikandan	Automated Hydrophonic system 3(10) / 2017 /INC / 23rd meeting	MSME	4,34,000.00	23.08.2017	Project sanctioned	Yet to start
27	Dr. E. Chandira Sekaran	Development of Energy Management Scheme to Utilize Hybrid Source for Efficient Working of EV (Collaborative Research Project Under TEQIPIII at MBM Engineering College, Jodhpur, Rajasthan and Coimbatore Institute of Technology)	TEQIP III - NPIU	15,65,000.00	18.06.2018	2018 - 2020	Ongoing
28	Dr.A.Kavithamani	Modernization of Control Engineering Laboratory	AICTE	11,00,000.00	04.01.2019	2019 - 2021	Completed
29	Dr.S.Elango	Design and Development of ANN Based Static Var Compensator to Improve the Transient Stability of the Grid Connected Distributed Systems	AICTE-NDF-RPS	20,80,320.00	10.03.2019	2019-2022	Completed
30	Dr.G.Manavaalan	Path Tracking Control of All-Terrain Rover (ATR) with manipulator under Actuator Failure Conditions	NPIU	11,00,000.00	18.06.2019	2019 - 2020	Completed
31	Dr.S.Suja	Design and Analysis of Cost effective Electric Vehicle charging station	CIT	1,25,000.00	19.08.2019	2019-2020	Ongoing
32	Dr.S.Geetha	Object detection and Tracking using Error Tolerant Hardware	CIT	1,00,000.00	01.04.2021	2021-2022	Ongoing
33	Dr.S.Elango	Design and Analysis of Sensorless Control of Five Phase Induction Motor	CIT-Seed money	1,15,000.00			Ongoing

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/ completed
1	Dr.A.Rajeswari	Modernization of Communication Lab (RF and Digital Communication)	AICTE (MODROBS) DATED:21.01.2004 Ref.No:8022/RID/NPROJ/MOD-176/2003-2004	Rs.5,00,000		2 Years 2004-2006	Completed
		Modernization of Integrated Circuits Lab (VLSI Design Lab)	AICTE (Ref. 8024/RID/BOR/MOD/770/2009-10 dtd 21-12-2009)	Rs.15,00,000		2 Years 2009-2011	Completed
		Design and development of cognitive test bed for FPGA Implementation Of Spectrum Sensing In Public Safety Communication Application	AICTE (RefNo 8023/RID/RPS-19/2011-2012)	Rs.8,20,000		2 Years (2012-2014)	Completed
		Modernization of Measurements and Instrumentation Lab (Virtual Instrumentation Lab)	AICTE Ref. No. 12/AICTE/RFID/MOD(Policy-2)-146/2012-13 dated 11.03.2013	Rs.16,000,000		1 Year (2013-2014)	Completed
		Design and development of test bed for Cognitive Radio Wireless Communication networks for disaster management	UGC F.No. 42-115/2013 (SR)	Rs.9,12,500		3 Years (2013-2016)	Completed

		Precision Health Technology	F. No. 01/App No. 1583822711/AICTE/ATAL/HQ/2020-2021 dated 16th, September 2020	Rs. 93,000		21.09.2020 to 25.09.2020	Completed
2	Dr. S. Uma Maheswari	Centre for Design of VLSI Circuits for Industrial Electronics	AICTE	Rs. 5,00,000/-	24.03.2000	1999 – 2000	Completed
3	Dr. S. Uma Maheswari	National Conference on “Intelligent Integrated Control and Automation, IICA 2006 – A Solution Methodology with Efficient Soft Computing,”	AICTE & CSIR	Rs. 1,45,000/-	10.02.2006 & 11.02.2006	2006	Completed
4	Dr. S. Uma Maheswari	Design and Development of Aerospace Wireless Sensor Communication for military Aircraft Applications	AICTE	Rs. 12,00,000/-	20.01.2013	2012-15	Completed
5	Dr. S. Uma Maheswari	Quality Improvement Programme - Short Term Course	AICTE	Rs. 2,55,000/-	08-12-2014 to 14.12.2014	2014	Completed
6	Dr. S. Uma Maheswari	Teacher Effectiveness Training Programme	UGC	Rs.34,070/-	01.08.2015 & 02.08.2015	2015	Completed
7	Dr.G.Christina	Design And Development of a Test-bed for Cognitive Radio Wireless Communication Networks for Disaster Management	UGC	Rs.8,30,000	2013	2016	Completed
		Nanoantennas for Cancer Detection	ICMR	Rs.50,000	2019	June 2019	Completed

8	Mr.P.Satheesh Kumar	Super wideband, defected ground structure and metamaterial based compact flexible antenna for WLAN/ISM/WiMAX/UWB and other wireless communication applications	TamilNadu State Council for Science and Technology(TNSCST)	Rs.7500	2021-22	1 year	ongoing
9	Ms.S.Dhanalakshmi	IoT based indoor air quality (IAQ) monitoring and controlling system for CIT campus	Seed money from Coimbatore Institute of Technology	Rs.1,25,000	19.08.2019	1 year	Completed
10	Dr.M.Poongothai	IoT based indoor air quality (IAQ) monitoring and controlling system for CIT campus	Seed money from Coimbatore Institute of Technology	Rs.1,25,000	19.08.2019	1 year	Completed
11		IoT based Energy Management system	Tamilnadu State Council and Technology	Rs.7500	2018	1 year	Completed

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	G.Kousalya	Complete Packet Analysis	DST - ICPS	34 Lakhs	2019	3 years	Ongoing
2	G.Kousalya	Open source generic frameowkr for cloud inter operability	AICTER RPS	16.70 Lakhs	2013	3 years	Completed 2016

3	Dr.R.Nedunchezian	Development of an Interactive Dashboard Model for Robust Project Effort Estimation	NPCI	9,51,970 /-	2017	2 years	Completed
4	Dr.M.Mohanapriya	Product Development - Smart Chair	Coimbatore Institute of Technology	1 lakh	September, 2021	1 Year	Ongoing

DEPARTMENT OF INFORMATION TECHNOLOGY

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr.Rajalakshmi.M	Development of an Interactive Dashboard Model for Robust Project Effort Estimation	National Payment Corporation of India	9,51,970	12/04/2017	2 Years	Completed
2	Dr.E.Arul	DiGi Securiry for ICT Enabled System	Coimbatore Institute of Technology	1,00,000	31/03/2021	31/03/2022	Completed
3	Dr.N.Anithadevi	MEDI FOOD	SEED ,Coimbatore Institute of Technology	25,000	07/12/2020	-	Completed

DEPARTMENT OF CHEMICAL ENGINEERING

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr. M. Thirumarimurugan	Novel design of a one – pot reactor for biodiesel production bypassing lipid extraction by complete utilization of sericulture waste	DBT-BIRAC	3345000	27.02.2020	1.6 Years	Ongoing
2	Dr. M. Thirumarimurugan	Comparative study and analysis of biosorption of chromium(VI) in tannery effluent using microbial biomass	AICTE-RPS	902000	05.02.2013	2 Years	Completed
3	Dr. M. Thirumarimurugan	Bioremediation and reuse of Spent Reactive Dye Baths	AICTE-RPS	400000	05.06.2012	2 Years	Completed
4	Dr. A. Sivalingam	Bioremediation of industrial effluents using three phase fluidization with nanoparticles	AICTE-RPS	2187531	22.07.2013	3 Years	Completed
5	Dr. D. Prabhakaran	E-waste Disposal and Recovery of Noble Metals	AICTE-RPS	950000	20.01.2013	3 Years	Completed
6	Dr. V.M. Sivakumar	Fabrication and Characterization of cellulose based electrospun nanofibrous membrane for the effective removal of organo-arsenic contaminants	AICTE-RPS	1862745	14.08.2020	3 Years	Ongoing
7	Dr. R. Azarudeen	Biomaterials for Drug Delivery and Tissue Engineering Applications	CIT SEED MONEY	100000	10.01.2019	1 Year	Completed
8	Dr. A. Gnanaprakasam	Catalytic Pyrolysis of Plastic Waste for the Production of Liquid Fuels	TEQIP START-UP	15000	07.12.2020	1 Year	Completed

9	Dr. P. Sivakumar	Recovery of Precious Metals from Electronic Waste by a Porous Porphyrin Polymer	CIT SEED MONEY	100000	31.03.2021	1 Year	Ongoing
10	Dr. B. Uma Maheswari	Green Synthesis of Hybrid Core Shell ZnO Nano Composite using Waste Aquatic Weeds as Bioreductant for Photodegradation of Organic Waste Pollutant and Antibacterial Performance in Wastewater Treatment	CIT SEED MONEY	75000	31.03.2021	1 Year	Ongoing
11	Dr. P. Sivakumar	Optimization of E-waste for the recovery of gold using extractive metallurgical techniques	TNSCST	7500	18.07.2019	1 Year	Completed
12	Dr. P. Sivakumar	Recovery of metals from electronic waste by bioleaching process	TNSCST	10000	25.03.2018	1 Year	Completed
13	Ms. Nisha Subash	Formulation and Drug Release Kinetics of a Brain Targeted- Drug Delivery System	TNSCST	10000	25.03.2018	1 Year	Completed
14	Mr. S.P. Selvabharathi	Studies on hazard identification and risk assessment in fertilizer industry	TNSCST	10000	25.03.2018	1 Year	Completed

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/ completed
1	Dr.Valliappan Raman & Dr.Ramraj	Interactive covid-19 chatbot dashboard: Design and Development of Statistical Model for Short-term Prediction of	Indian Council of Medical Research (ICMR)	RS 18,08,242	01.04.2022	1.5 years	Ongoing

		Dynamic COVID-19 transmission					
2	Dr. Valliappan Raman , Dr. Sim Kwan Hua, Sim Kwan Yong, Dr. Low Chin Seng	Scalable Time Series Pattern Recognition on IoT Sensor Data by Using Magnitude Based Dimension Reduction	Fundamental Research Grant Scheme(FRGS), Ministry of Higher Education, Malaysia	RM58,390	01/11/2020	2 years	Ongoing
3	Dr. Valliappan Raman, Dr. Patrick Then, Dr. Lim Lik Thai, Dr. Muhammad Hamdi Bin Mahmood, Dr. Lee Nung Kion	Determining the discriminative features of Retinal Vein Occlusion images for Prediction of Cardiovascular Disease using weakly-supervised deep learning methods	Fundamental Research Grant Scheme(FRGS), Ministry of Higher Education, Malaysia	RM121,400	01/11/2020	2 years	Ongoing

DEPARTMENT OF MATHEMATICS

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/ completed
1	Dr. K. S. Ramaswami	Design and Analysis of a Manufacturing system using Bulk Queueing Models X Plan Major Research Project(MRP)	UGC-NEW DELHI	Rs. 3,62,000	2007	Three Years	Completed
2	Dr. S. Somasundaram	Modernization of Computer Applications - Laboratory for Reliability Risk Analysis and Optimization	AICTE	Rs. 10,00,000		Three Years	
3	Dr. K. Ganesamoorthy	Monophonic and Detour Monophonic Concepts in Graphs	National Board for Higher Mathematics	Rs. 14, 33, 100/-	21/04/2016	Three Years	Completed
4	Dr. R. Prabakaran	Controllability of optimal cycle strategies for a given organism in medical and biological systems	University Grants Commission, New Delhi	Rs.1,90,000/-	21/07/2017	Two Years	Completed

DEPARTMENT OF PHYSICS

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr. V. Viswanathan	Materials Characterization	AICTE	7.5	1999	2 years	Completed
2	Dr.B. MohanSrinivasan	Materials Characterization	AICTE	9	2000	2 years	Completed
3	Dr.N.Muthukumarasamy Dr. S. Agilan	Investigations on CdSexTe1-x Thin Films for Solar Cell Applications	UGC	0.9	2005	1 Year	Completed
4	Dr. N. Murugan Dr.N.Muthukumarasamy Dr.S.Agilan Dr.S.Vasantha	Production and Characterzation of Nano-sized Semiconductor Crystallites of CdS and CdTe	UGC	8.499	2007	2 Years	Completed
5	Dr.N.Muthukumarasamy Dr. S. Agilan Dr.K. Thilagavathy	Investigations on CdS Thin Films as Buffer Layer for Solar Cell Applications	UGC	1	2008	1Year	Completed
6	Dr.N.Muthukumarasamy Dr. S. Agilan	Fabrication of High Efficiency CuInxGa1-x Se2 Solar Cells	AICTE	6.8	2008	2 Years	Completed
7	Dr.N.Muthukumarasamy Dr. N. Murugan Dr. S. Agilan Dr.K. Sakthivel	Photosensitization of Nanocrystalline TiO2 Thin Films by CdS/CdSe	DST	23.53	2010	3 Years	Completed

		Quantum Dots for Solar Cell Applications					
9	Dr. K. Sakthivel	Materials Characterization (MODROBS)	AICTE	7.5	2010	2 Years	Completed
10	Dr. K. Thilagavathy Dr.N.Muthukumarasamy Dr. S. Vasantha Dr. S. Agilan	Fabrication of Nanocrystalline Cd _{1-x} Zn _x Te Detector for Gamma Camera in Medical Diagnostics	AICTE	8.5	2010	2 Years	Completed
11	Dr. T. Venkatachalam	Bandgap Engineering in CuIn _{1-x} Ga _x Se ₂ and Fabrication of Low Cost Solar Cells	AICTE	12	2010	2 Years	Completed
12	Dr.N.Muthukumarasamy Dr. S. Agilan	Natural Dye Sensitized Nanocrystalline TiO ₂ Thin Films for Solar Cell Applications	UGC	14.598	2012	2 Years	Completed
13	Dr.N.Muthukumarasamy Dr. S. Agilan	Studies on CdS/CdSe Quantum Dot Sensitized ZnONanorods for Solar Cell Applications	CSIR	9.29	2013	3 Years	Completed
14	Dr. S. Agilan Dr.N.Muthukumarasamy Dr. K. Thilagavathy Dr. S. Vasantha	Synthesis and Characterization of Selenium and Copper Nanoparticles and Study of their Biological Effects on Animals	AICTE	10	2013	2Years	Completed

15	Dr. C. P. Yoganand	Plasma based ion implantation of diamond like carbon film on different polymer substrates: Comparative study of the surface properties and In-vitro biocompatibility	DST	19.8	2014	3 Years	Completed
16	Dr.N.Muthukumarasamy Dr. S. Agilan Dr. G. Sureshkannan Dr. V. M. Sivakumar	Advanced Nanomaterials for Clean Energy Applications	INCP Norwegian centre for international cooperation in education (SIU) Research Council of Norway	1050000 Norwegian Kroner (NOK)	2015	3 Years	Completed
17	Dr.N.Muthukumarasamy Dr. S. Agilan	Nanomaterials for Energy and Health applications with ICT as enabling technology	INCP Norwegian centre for international cooperation in education (SIU) (Research Council of Norway)	2000000 Norwegian kroner (NOK).	2017	3 Years	Completed
18	Dr.C.P.Yoganand	Fabrication of nano-Carbons based Medical Cotton Fabrics by Plasma Impregnation Technique for Wound Healing and Anti-Cancerous Applications	CIT Seed money Research project	1.25	2019	1 Year	Ongoing

19	Dr.P.Suresh	Synthesis and Characterization of Hetero-structured Powder Catalysts for Photocatalytic Application	CIT Seed money Research project	1.25	2019	1 Year	Ongoing
20	Dr.P.Balraju	Investigation of Coconut shell based Activated Carbon for Water Purification	CIT Seed money Research project	0.5	2021	1 Year	Ongoing
21	Dr.N.Muthukumarasamy Dr. S. Agilan	Higher Education and Research on Advanced Materials for Clean Energy Technologies	Diku-Norwegian Agency for International Co-operation and Quality Enhancement in Higher Education	29,99,854 Norwegian kroner (NOK).	2021	3 Years	Ongoing

DEPARTMENT OF CHEMISTRY

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr.Hemalatha KV	Desulfurization from waste Oil	BDT industries - Palakad	1,49,000	03.06.2022	1 year	ongoing

2	Dr.P.Rupa	Heavy metal Assessment in soil and plants by early response of plants in abatement of coimbatore city air pollutio around Singanallur lake for green belt development	SEED MONEY - CIT MANAGEMENT	50000	31.03.2021	1 year	ongoing
3	Dr. S. Syed Jaffer	Studies the Photophysics and Dynamic of DNA Template Silver Nanocluster in the Confined Environment	DST-SERB	23,68,000	21-11-2015	3 years	completed
4	Dr.B.GAYATHRI	Novel Bone Mimetic Scaffold Composed of Polyacitv Acid Hydroxyapatite Zeolite Biomaterial -Finding the route of mechanism.	SEED MONEY - CIT MANAGEMENT	125000	19th August 2019	1 year	Completed
5	Dr.R.Narayanasamy	Study of pharmacological applications on BLM membranes	AICTE	600,000	1999-2002	2 years	completed
6	Dr.R.Sriram & Dr.R.Narayanasamy	Modernization and removal of obsolescence	AICTE-MODROBES	4,00,000	1996-1998	2 years	completed

DEPARTMENT OF HUMANITIES

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/ completed
1	Dr.P.Santhi	SPDC - Skill And Personality Development Centre	AICTE	20,13,953/-	April 2020	3 YEARS	ONGOING

2	Seed Money (CIT)	Prevalence of Risk, Treatment Seeking Behaviour and Cost incurred for Gynecological Cancer Patients in Coimbatore District- Tamil Nadu		Rs.75,000/-	31.03.2021	1 year	Completed
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DEPARTMENT OF SOFTWARE SYSTEMS

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr. C. Stanly Felix	Design and development of IoT based chicken egg incubator model and its performance analysis	CIT	Rs. 1,00,000	31.3.2021	2021 - 2022	ongoing

DEPARTMENT OF DECISION AND COMPUTING SCIENCES

S. No.	Name of the Investigators	Title of the project	Name of funding agency	Sanctioned amount(Rs.)	Date of commencement of project	Duration of the project	Ongoing/completed
1	Dr. A.Kannammal	Personalized Agricultural Advisory System for Pest and Disease Management Using ICT	Department of Science and Technology	30,50,000	01/06/2012	June 2012- November 2014	Completed

2	Dr. A.Kannammal	Indo-US Workshop on Cloud Computing and Web Services	Indo US Science and Technology Forum	8,20,000	10/07/2012	Dec 2011 - August 2012	Completed
3	Dr. A.Kannammal	Secure Communication in Mobile Ad Hoc Networks	All India Council for Technical Education	10,50,000	15/02/2009	June 2009 – June 2012	Completed
4	Dr. R.Umarani	Present Status of Investor's Knowledge and Need for Investors' Education among Retail Investors in Capital Markets of India	University Grants Commission	6,69,600	January 2013	2 years	Completed Mid Review with Highly Satisfactory comments by Panel Members and handed over the project to co-investigator