



CK COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE and Affiliated to Anna University)

Jayaram Nagar, Chellangkuppam, Cuddalore – 607 003.



Details Of Funding Proposals Submitted To Various Funding Agencies:

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
CIVIL	Development and Corrosion Studies of Fly Ash Based Geopolymer Concrete	DST	5.94
	Re-Use of Textile Waste as a Construction Material	DST	4.28
	Experimental Studies of Corrosion Inhibitors on Concrete	The Institution of Engineers	0.40
	Re-use of Textile Waste as a Construction Material	The Institution of Engineers	0.47
	Study on Use of NLC by Product on as Construction Material	ISTE, NewDelhi.	1.0
	Textile Sludge Waste as Replacement in Construction Material	ISTE, NewDelhi.	1.0
	Study on Use of NLC by Product on as Construction Material	NIT, Kozhikode.	1.5
	Textile Sludge Waste as Replacement in Construction Material	NIT, Kozhikode.	1.5
	Seminar on R&D Issues and Challenges	TNSCST& Seminar Grant	0.605

Department	Title of the Project	Name of the funding agency & scheme	Grant requested (Rs. In Lakhs)
CSE	National Seminar on Privacy Preserving Data Mining : Outlook and Challenges	Council of Scientific & Industrial Research (CSIR), New Delhi	0.60
	Two Day National Conference on Issues and Trends in Information and Cyber Security	Defense Research and Development Organization (DRDO) , New Delhi	0.60
	Two Day National conference on Issues and Trends in Information and Cyber Security	Tamil Nadu State Council for Science and Technology, Chennai.(TNSCST)	1.00
	Research Project on Emergency Communication during Natural Disaster using Mobile Ad hoc Networks	Department of Science and Technology- Natural Resources Data Management System (DST -NRDMS)	27.36
	Research Project on Establishment of R & D Infrastructure for Digital Forensics	Department of Science and Technology- National Science and Technology Management Information System (DST-NSTIMS)	11.88
	Faculty Development Programme on Challenges, Applications and Research scope on Big Data	Department of Science and Technology- National Council for Science and Technology Communication (DST-NCSTC)	5.00
	Research Project on Emergency Communication for Relief Operations during Natural Disaster using Infrastructureless Mobile Adhoc Networks	Defence Research and Development Organisation (DRDO) , New Delhi	27.59

Department	Title of the Project	Name of the funding agency & scheme	Grant requested (Rs. In Lakhs)
CSE	Workshop on Brain Modeling and Super Computing	Defence Research and Development Organisation (DRDO) , New Delhi	0.60
	Project on BASA: Building Mobile Ad-hoc Social Networks on Top of Android	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Project on Android Interface based GSM Home Security System	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Project on An Abuse Free Fair Contract	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Project on Predicting Bus Arrival Time with Mobile Phone based Participatory Sensing	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Project on Security Threats to Mobile Multimedia Applications: Camera – based Attacks on Mobile Phones	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Project on Controlling Electrical Devices Using Printer Port	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Project on Designing a Spatially Aware Automated Quadcopter using an Android Control System	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10

Department	Title of the Project	Name of the funding agency & scheme	Grant requested (Rs. In Lakhs)
CSE	Project on The Places of our Lives: Visiting Patterns and Automatic Labeling from from Longitudinal Smartphone Data	Tamil Nadu State Council for Science and Technology (TNSCST), Chennai	0.10
	Seminar on Recent Research Issues in Wireless Sensor and 4G Networks	Council of Scientific & Industrial Research (CSIR), New Delhi	0.55
	Workshop on “ Learn to Build a Website in One Day”	Computer Society of India, Chennai.	0.10
	FDP on Programming Paradigm	Anna University, Chennai.	1.00
	Modernization of Network Security Lab	All India Council for Technical Education (AICTE), New Delhi.	19.00
	Research Issues in Cloud Computing	Council of Scientific & Industrial Research (CSIR), New Delhi	0.55
	National Conference on Information & Cyber Security	Defence Research and Development Organisation (DRDO) , New Delhi	0.60
	Seminar on Research Issues in Computational Intelligence & its Applications	Council of Scientific & Industrial Research (CSIR), New Delhi	0.60

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
ECE	Real Time 2.5 Dimensional Pointing Traction For Object Based Navigation Using RGB Sensor	TNSCST & Student Projects Scheme	0.07
	Implementation and Real Time Analysis of OFDMA Network Using Hybrid Model	TNSCST & Student Projects Scheme	0.09
	Early Detection of Pests on Leaves Using SVM	TNSCST & Student Projects Scheme	0.09
	Design of Human Machine Interface System Using Various Emotions Captured Through Biosensors	TNSCST & Student Projects Scheme	0.07
	Performance Improvement of Biosignal Based Brain Wave Activity Alerting System For Motorist	TNSCST & Student Projects Scheme	0.08
	Forest Fire Warning System Using Autonomous UAV and Wireless Sensor Network	TNSCST & Student Projects Scheme	0.08
	Bipolar Chaotic Communication System Based on Turbo Code in Wireless Communication	TNSCST & Student Projects Scheme	0.07
	Examination smart link through wireless sensor network using zigbee	TNSCST & Student Projects Scheme	0.09
	Hardware Implementation of Random B LSB Steganography and Optimizing De Speed By and Macros	TNSCST & Student Projects Scheme	0.08
	Early Detection of Osteoporosis Using Binarization	TNSCST & Student Projects Scheme	0.07
	FPGA Implementation of Efficient Distributed Arithmetic Based On LMS Adaptive FIR Filter.	TNSCST & Student Projects Scheme.	0.08
	A Secure Smart Metering System Using Power Line Communication	TNSCST & Student Projects Scheme	0.07
	Design of Embedded Biomedical System For Health Care and Monitoring	TNSCST & Student Projects Scheme	0.07

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
ECE	Design and Analysis of Power Monitoring and Control Using Ether CAD	TNSCST & Student Projects Scheme	0.07
	Uncoordinated Beam Forming for Cognitive Networks	TNSCST & Student Projects Scheme	0.08
	Identification of Multiple Spoofing Using GADE & IDOL	TNSCST & Student Projects Scheme	0.08
	Development of Analysis Technique for Motor Performance Analyzer Using ARM Controller	TNSCST & Student Projects Scheme	0.10
	Human Hand Controlled Robotic Arm Using Flex Sensors		0.09
	Design and Implementation of GSM Based Smart Energy Meter For Measuring House Hold Energy Utilization		0.09
	Remote Center of Indian Institute of Technology Bombay for Conducting the ISTE Workshop	IIT, BOMBAY	8.00
	Recent Advances in Electric Power and Renewable Energy System	AICTE & SDP	3.5
	Recent Researcher in Bio Inspired Computing for Electrical Engineering Application	AICTE & National Seminar	1.00
	Recent Advances in Power Processing for Alternate Energy System	AICTE & Seminar	2.00
	FDTP on Control Systems	Anna University & FDTP	0.80
	Recent Researches on Distributed Generations and its Impacts on Smart Grid	CSIR & SEMINAR	1.00
	Awareness on Installation of Energy Efficient Solar Project/Systems in Green Building	MNRE & Workshop	1.00

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EEE	Emerging Applications of Numerical Computing & Modeling in the Areas of Power Electronics and Power Systems	CSIR	1.00
	FDTP on Design of Electrical Machines	Anna University & FDTP	0.80
	Advent of Energy Efficient Solar Project to Complement the Conventional Units	DST & Seminar	5.00
	Recent Researches & Innovations in Green Building	MNRE & Seminar	5.00
	Advances in Electrical & Electronics Engineering	DSIR & Conference	5.00

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
MECH	Project Proposal on Formability of Tailor Welded Blanks	DST	55.50
	Faculty Development Program on Engineering Mechanics	Anna University & FDTP	0.96
	Faculty Development Program Thermal Engineering	Anna University, Chennai & FDP	0.78
	Faculty Development Program on Engineering Thermodynamics		0.78
	Dissemination of Solar Based Fertilizer Spray Technology	Tamilnadu State Council for Science and Technology, Chennai & DIR	0.50
	Dissemination of Solar Drier Technology		0.67
	Workshop on Optimization Techniques for Beginners	Tamilnadu State Council for Science and Technology, Chennai & Workshop	0.35
	Symposia on "Recent Advances and Applications in Mechanical Engineering	Tamilnadu State Council for Science and Technology, Chennai & Symposia	0.38
	Conference on Engineering Application of Nano Technology	Tamilnadu State Council for Science and Technology, Chennai & Conference	0.88
	Seminar on Recent Advances and Applications of Nano Technology	Tamilnadu State Council for Science and Technology, Chennai & Seminar	0.31
	Science and Technology Project on Performance and Emission Characteristics of Direct Injection Diesel Engine with Nano Additives	Tamilnadu State Council for Science and Technology, Chennai & Science and Technology Project	6.75
	STTP on Applications and Advancement of Nano Technology	Indian Society for Technical Education, New Delhi, SRM-STTP	1.00

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
MECH	STTP on Familiarization on Green Energy	Indian Society for Technical Education New Delhi	1.00
	STTP on Environmental Abatement Techniques for Future		1.00
	Faculty Development Program on Gas Dynamics and Jet Propulsion	Anna University, Chennai & FDP	0.99
	Faculty Development Program on Automobile Engineering		0.98
	Conference on Computational Intelligence for Modeling and Optimization	Defense Research and Development Organization, New Delhi & Conference	0.60
	Entrepreneurship Development Cell	All India Council for Technical Education & Entrepreneurship Development Cell	10.00
	Conference on Computational Intelligence for Modeling and Optimization	All India Council for Technical Education & Conference	2.00
	Faculty Development Program on Computational Intelligence for Optimization of Product Design and Manufacturing	All India Council for Technical Education & FDP	7.00
	Seminar on Recent Research Development in Mechanical Engineering	Council of Scientific and Industrial Research, New Delhi & Seminar	0.30
	Quad Copter for Agricultural Application.	Indian Society for Technical Education & Design Award	0.02
Design and Fabrication of Spring Operated Window Screen Position Controller	Tamilnadu State Council for Science and Technology, Chennai & Project	0.03	

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
MECH	Automatic Side Stand Lifter	Indian Society for Technical Education & Design Award	0.02
	Mechanical Cultivator with Harvester		0.02
	Detailed Gas Level Indicator		0.02
	Fluid Atomizer by Solar Technology		0.03
	Automatic Pneumatic Operating Wiper		0.02
	Auto Feed Agro Pump		0.02
	Water Mixed Fuel Engine using Blended Hydrogen Gas		0.02
	Design and Fabrication of Brown-Gas based Hybrid Fuel Tank		0.02
	Spiral Wind Turbine		0.03
	Automatic Pneumatic Operating Wiper		Tamilnadu State Council for Science and Technology, Chennai & Project
	Design and Fabrication of Toggle Clamp Vice	0.04	
	Solar Operated Reciprocating Pumping System	0.07	
	Design and Fabrication of Self Running Magnetic Generator	0.02	
	Power Generation Using Spring Tension	0.06	
	Design and Fabrication of Pedal Operated Wood Saw Machine	0.01	
	Fabrication of Solar Air Cooler	0.04	
	Single Slope Solar Still	0.06	
	Design and Fabrication of Spring Separator Machine	0.03	
	Hydraulic Lifting System for Four Wheeler	0.02	
	Power Obtained by Wind Energy Resources in Automobiles	0.01	
Multi-Drill Holder	0.02		

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MECH	Design and Fabrication of Spring Operated Window Screen Position Controller	Tamilnadu State Council for Science and Technology, Chennai & Project	0.03
	SAMACK PRO (Mechanical Washing Machine)		0.09
	Electrical Screw Jack		0.07
	Pedal Power Hacksaw		0.04
	Modification of Petrol Engine to Facilitate Air as Working Medium		0.05
	Magnetic Engine		0.15
	Fabrication of Detailed Gas Level Indicator		0.02
	Design and Fabrication of Fluid Atomizer by Solar Technology		0.07
	Automatic Side Stand Lifter		0.01

Name of the Dept	Title of the Project	Name of the Funding Agency & Scheme	Grant Requested (Rs. In Lakhs)
MBA	Workshop on Multivariate Research and Techniques in Management	AICTE	1.5
	Multivariate Research Techniques in Management	AICTE	2.0
	Entrepreneurship Success Strategies	AICTE	1.0
	A Study on Micro Finance Credit Impact in Women's Empowerment	TANCST	0.092
	A Study on Absenteeism among Government School Teachers' in Cuddalore District	TANCST	0.09
	A Study on Empowerment of Rural area students in receiving education loan and analyzing reasons for not repaying them with special reference to Cuddalore District	TNSCST	0.096
	A Study on Impact of Activity Based Learning (ABL) Education System Related to Govt. Schools at Cuddalore District	TNSCST	0.096
	A Study on Impact of Social network on Academic Performance of the Students with special reference to Cuddalore District	TNSCST	0.098
	A Study on Service Quality of Fair Price Shops' Implementing Public Distribution System with special reference to Cuddalore District	TNSCST	0.098
	A Study on the Measurement of Efficacy & The Nutritional Value of Mid Day Meal Scheme in TamilNadu with special reference to Cuddalore	TNSCST	0.095
Taxpayers' Attitude towards VAT Evasion – An Empirical	TNSCST	0.095	

	Study in Cuddalore District		
	A Study on Awareness & Effective Utilization of Social Welfare Scheme among Rural Women's in Cuddalore District	TNSCST	0.096