

K.S.R. College of Engineering, Tiruchengode (Autonomous)



Research Project Undertaken for last five Years

List of Research projects completed during last five years (including students' TNSCST projects)

Sl. No	Name of the funding Agency	Title of the Project	Principal Investigator(s)	Amount Sanctioned	Sanctioned Details / Year
Civil Engineering					
1.	AICTE	Modernization of Concrete Laboratory	Dr.V.Revathi	15,00,000/-	8024/RIFD/MOD-135(pvt.)/Policy-III/2011-2012 & 06.03.2012
2.	TNSCST	Development of Natural Fibre Composite Wall Panels for Rural Housing	B.Prabu Dr.T.Palanisamy	6000/-	TNSCST/SPS/AR/2011-2012 & 29.02.2012
Electronics and Communication Engineering					
3.	VI Micro systems, Chennai.	Smart Security System for Banking Sectors	Dr.P.S.Periasamy	Rs.18,000	2014-15
4.	AICTE	Development and Testing of High Speed Reconfigurable Architecture For Internet Protocol (IP) Applications	Dr.M.Arun	Rs.6,20,000	2013-14
5.	AICTE	Real Time Operating Systems (RTOS)	Dr.M.Arun	Rs.6,73,000	2012-13
Electrical and Electronics Engineering					
6.	DST	Single phase matrix converter topology in based uninterruptible power supply	Dr.T.R.Sumithira	13,44,000/-	SR/WOS-A/ET-35/2009 dated 05.06.2013
7.	AICTE	Modernization of the existing measurements & instrumentation laboratory with an emphasis on real-time computerized measurement system	Dr.S.Ramesh	19,25,000/-	12/AICTE/RIFD/MOD(policy-3) Pvt-57/2012-2013 Date::25.02.2014
Information Technology					

8.	AICTE	Agile Methodology	Dr.G.Singaravel	Rs.60,000	Ref. No.: 8023/RID/RPS- 54/2011-12 & 09-12-2011
Mechanical Engineering					
9.	TNSTC	Performance enhancement of solar cell by using Nano materials	Dr.P.Senthilkumar (Guide) Mr.P.Janagarathinam Mr.A.Durairajan Mr.A.Nedunchezian (Students)	Rs. 10,000	2012-2013
10.	TNSCST	Reduction of Noise Pollution in Industry using waste materials	Dr. A.V. Balan	10,000/-	TNSCST/SPS/AR/2017-2018
11.	AICTE, Delhi	Studies of Weld cladding of structural steel with super duplex stainless steel	Dr. A.V. Balan Dr. P. Senthilkumar	6,45,000	20/AICTE/RIFD/RPS(POLICY-III) 45/2012-2013
Master of Computer Applications					
10	TNSCST	RFID Access in Ration Shop	Dr.P.Anitha	Rs. 7500	TNSCST/SPS/AR/2013-2014, 15-4-2014
Total					68,18,500/-

List of ongoing projects

Sl. No	Name of the funding Agency	Title of the Project	Principal Investigator(s)	Amount Sanctioned	Sanctioned Details / Year
Civil Engineering					
1	DST	Development and Characterization of Bottom Ash –Blast Furnace Slag Geopolymer and its use in Interlocking Paver Blocks	Dr.V.Revathi	16,00,000	Diary No SERB/F/1222/2012-2013 dated 28.05.2012
2	DST	Effective Utilization of Textile Sludge and Hypo Sludge Waste as Construction Materials	Dr.S.Senthilkumar	14,90,000	SERB/F/0797/2012-13 dated15.05.2012
3	AICTE	Production of Innovative Low Cost Construction Materials By Means	Dr.T.Palanisamy	3,46,800	20/AICTE/RIFD/RPS (POLICY-III) 44/2012-13 & 13.02.2013

		of Optimum Particle Packing Technology Via Earth Moist Concrete			
4	MoES	Development of Eco-friendly Natural Basalt Rock Fiber Concrete Composites (NBRFC) for Earthquake Resistant Structures	Dr.T.Palanisamy Dr.G.Dineshkumar	18,65,758	No.439/Secy/14 dated 14.08.2014
Electrical and Electronics Engineering					
1.	SERB	A Platform for Young Electronics Engineer to be an Entrepreneur	Mr.S.Senthil Kumar	Rs.50,000	2017-2018
Mechanical Engineering					
3.	DBT	Air Pollution Control in and around Tiruchengode Town	Dr. P. Senthilkumar	8,00,000	2017-2018
Total				61,52,558	
Total Research Grants (Rs)				(a+b)=68,18,500 + 61,52,558	
				1,29,71,058	
				1.29 Crore	