

Thiagarajar College of Engineering, Madurai – 625 015

**Sponsored Research Projects sanctioned during the financial year 2013-14**

S. No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order	Amount Received (Rs. Lakhs)
1.	2013-14	Dr. K.Arunachalam	AICTE	Study on Influence of Industrial By-Products on Modified Reactive Powder Concrete (MRPC)	MRP-MAJOR-CIVI-2013- 39052	10.4
2.	2013-14	Dr. K.Arunachalam	AICTE	Use of Agro residual and industrial wastes in the development of ultra high performace concrete		23.00
3.	2013-14	Dr. S. Karthikeyan	UGC	Non Destructive Testing (NDT) of Composite Materials using texture and morphology based Scanned Electron Microscope (SEM) image Analysis	42-897/2013 (SR)	11.008
4.	2013-14	Dr. A.Banumathi	UGC	Victims identification in forensic odontology using dental images	42-116/2013(SR)	5.428
5.	2013-14	Dr. S.Raju	DARE, Defence R&D lab. Bangalore	Design and development of 1GHz-6Ghz ultra wide band Vivaldi antenna for airborne applications	5303/DARE/CARS/BUILD UP-01/2013-2014	17.5912
6.	2013-14	Dr. B.Manimegalai	DRDO	Design and development of conformal antenna array for avionics applications	ERIP/ER/11204707 /M/01/1478	17.5272
7.	2013-14	Dr. V.Abhaikumar	DST	Development of nano composite for suppression of excess EMF radiation	SB/CT/075/2013	49.9
8.	2013-14	Dr. P.Chitra	AICTE	Deterministic execution time analysis of real time applications		3.65

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				on Multicore architectures		
9.	2013-14	Dr. C.Deisy	AICTE	Mobile based cardiovascular disease diagnosis system for rural India		5.21
10.	2013-14	Dr. P.Chitra	UGC	Scheduling algorithm to minimize the worst case execution time of safety Critical applications on Multicore processors		6.16