

**G. H. Raisoni Educational & Medical Foundation's**  
**G. H. Raisoni College of Engineering & Management, Wagholi, Pune**

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**Research Proposals for Funding**

Nature of the Project/ Grants	Duration Year From To	Title of the project	Name of the funding agency	Total Grant (Rs.)		Total Grant received till date
				Sanctioned	Received	
Minor	2012-14	Design Modeling and Simulation of Electro statically Actuated Low-Voltage Low Loss High Isolation RF-MEMS Capacitive Shunt Switch for Wideband Wireless Application <b>(Submitted by Mr. S.K.Waghmare)</b>	BCUD (Board of Colleges and University Development) University of Pune	245000	122500	<b>356000</b>
	2012-14	Hybrid SET CMOS co-simulation <b>(Submitted by Ms. Vaishali Raut)</b>	BCUD (Board of Colleges and University Development) University of Pune	200000	101000	
Minor	2012-14	Intelligence Round Transportation (IRTS) Using Geographical Information system(GIS) for PUNE City <b>(Submitted by Ms. Rupali Zope Mr. Abhay Shelar)</b>	BCUD (Board of Colleges and University Development) University of Pune	265000	132500	

	2013-15	Design of optimized digital circuit using quantum dot cellular automata technology: Nano Computing Paradigm <b>(Submitted by Ms. Manisha Waje)</b>	BCUD (Board of Colleges and University Development) University of Pune	225000	112500	<b>112500</b>
Innovation Scheme	2013-14	Innovation Promotion Scheme <b>(Submitted By Mr. Pravin Matte)</b>	AICTE, New Delhi	200000	200000	<b>200000</b>
Seminar Grant	2013-14	Seminar Grant “Recent Trends and Interdisciplinary applications of Digital Signal Processing” <b>(Submitted By Ms. Parul Arora)</b>	AICTE, New Delhi	60000	60000	-
	2013-14	Seminar Grant <b>(Submitted By Ms. Poonam Gupta)</b>	BCUD (Board of Colleges and University Development) University of Pune	50000	47500	<b>47500</b>
	2013-14	Seminar Grant <b>(Submitted By Ms. Shweta Patil)</b>	BCUD (Board of Colleges and University Development) University of Pune	15000	15000	<b>15000</b>

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**II) Research Proposal Applied to AICTE, New Delhi under AQIS Scheme for Year 2013-14**

SN	Name	Designation & Dept.	Schemes	Title of Proposal	Claimed Amount (in Lakhs)
01.	Dr. D. D. Shah	Principal	RPS	Design and Development of Capacitive Shunt RF MEMS Switches for Broad Band Satellite Communications.	25.0
02.	Dr. R. S. Bichkar	Prof. & Dean R&D (E&TC)	RPS	Video Scene Boundary detection and event extraction	19.17
03.	Dr. R. R. Arakerimath	Prof. (MECH)	RPS	Parametric Analysis and Performance Optimization of Thermoelectric Generator for Waste Heat Recovery from IC Engine Exhaust	5.95
04.	Ms. Simran Khiani	Asst. Prof. (IT)	RPS	A Secure Multipath Routing Algorithm for Wireless Sensor Networks	11.02
05.	Ms. Simran Khiani	Asst. Prof. (IT)	CAYT	A Secure Multipath Routing Algorithm for Wireless Sensor Networks	8.25
06.	Ms. Parul Arora	Asst. Prof. (E&TC)	CAYT	Video content analysis based on shot boundary detection	8.41
07.	Ms. Vidya Dhamdhare	Asst. Prof. (COMP)	CAYT	Pairwise and triple key distribution and homomorphic cryptography in wireless sensor network.	3.70
08.	Dr. R. S. Bichkar	Prof. & Dean R&D (E&TC)	PCTE	Centre for Innovative Projects and Patents	48.0

SN	Name	Designation & Dept.	Schemes	Title of Proposal	Claimed Amount (in Lakhs)
09.	Dr. Anindita Roy	Asso. Prof. (MECH)	FDP	Faculty development program on 'Solar energy systems'	7.0
10.	Ms. Shubhangi Shinde	Asst. Prof. (MCA )	FDP	Faculty Development Program on Hadoop	7.0
11.	Mr. Arun Patil	Asst. Prof. (Mech.)	EDC	"Promoting & Nurturing Entrepreneurial Activities among Young Technocrats"	4.09
<b>TOTAL</b>					<b>147.59</b>