

 <p>SAPTHAGIRI College of Engineering Creating Tomorrow</p>	<p align="center">SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R) SAPTHAGIRI COLLEGE OF ENGINEERING, BANGALORE-560057 (Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE-New Delhi) 14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057</p>
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R&D, Entrepreneurship Committee & Incubation Centre

This committee has been reconstituted for the academic year 2014-15 during August 2014. The committee has reviewed the SOP in its first meeting. The committee has given directions to all the departments to increase the research activities so as to enrich the knowledge of faculty and students. Management has supported all the activities of the research for the benefit of Students and Teaching fraternity. The following are the details of the research activities for the academic year 2014-15.

Details Departments	CSE	ISE	ECE	ME	EEE	BT	CV	Chemistry	Physics	Maths	Total
Research Projects Funded by KSCST and Sapthagiri College of Engineering	1	-	1	-	-	3	-	-	-	-	5
FDP –Research Methodology, IPR, Entrepreneurship	SCE										2
Journal papers	-	-	1	-	-	4	-	1	1	-	7
Books and Conferences	-	-	4	-	-	4	-	-	1	1	7
Extension and Out-reach Programs	SCE										5

The following are research projects funded by KSCST and Sapthagiri College of Engineering year 2014-2015.

Sl. No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co-investigator	Department of Principal Investigator or	Year of Award	Amount Sanctioned (Rs)	Duration of the project	Name of the Funding Agency	Type (Government /Non-Government)
1	Estimation And De-Identification Of Gender Signature From Finger Prints	Prof. Kamalakshi Naganna	Computer Science	2014-15	3,000	6 Months	Karnataka State Council For Science And Technology - 38 th Series - SPP	Government

2	Effect of green synthesized copper nanoparticles on Lycopersicon Esculentum: A study involving the antioxidant defense related enzymes	Dr. Ananda S	Bio Technology	2014-15	30,000	6 Months	VGST-TRIP	Government
3	Fungal Lignin Peroxidase For Bio Degradation Of Pulp Paper And Textile Effluent	Prof. Soumya C/Prof. Vinutha Moses	Biotechnology	2014-15	8,000	6 Months	Karnataka State Council For Science And Technology - 38 th Series - SPP	Government
4	Multipurpose Measuring Device Using Bluetooth On Android	Prof. Agalya P.	Electronics And Communication	2014-15	6,000	6 Months	Karnataka State Council For Science And Technology - 38 th Series - SPP	Government
5	The Potential Utilization Of Processed Areca Catechu Water An Agro Waste For Bioethanol Production By Fermentation Process	Prof. Shobha G	Biotechnology	2014-15	7,000	6 Months	Karnataka State Council For Science And Technology - 38 th Series - Biofuel	Government

The following are the FDP, Research Methodology, IPR conducted for the year 2014-2015.

1. A FDP on "Research methodology and methods" was conducted on 04.08.2014 by Dr. K N Ravi Professor and Head, Department of Electrical and Electronics, Sathagiri college of Engineering Bengaluru.
2. A 2 day FDP on "Next generation sequencing" was conducted on 17/10/2014-18/10/2014 by Dr. Kshitish Acharya, Shodhaka Life Science for 10 faculties by department of Biotechnology.

The following are the Extension and Out-reach Programs

Sl. No	Name of the Activity	Place of Activity	Organising unit/ agency (Internal)	Organising unit/ agency (External)	Year of the activity	No. of Students
1.	Awareness on Environment Pollution in School students	Govt. School Chikkaballapura	ECO Club / Community Club	Govt. School Chikkaballapura	3/9/2014	10

2.	World Diabetes Day Campaign	College Surrounding	Health Club / Community Club	-	14/11/2014	32
3.	Medical Camp	Ivarakhandapura Village	Health Club / Community Club / Community Club	Ivarakhandapura Village Panchayat	19/11/2015	36
4.	Api Culture Orientation	Ivarakhandapura Village	ECO Club	Ivarakhandapura Village Panchayat	4/3/2015	15
5.	Education for Everyone	Govt. School Chikkaballapura	Community Club / NSS	Govt. School Chikkaballapura	22/06/2015	12

The number of research projects funded by Management and KSCST has increased in this academic year. Similarly, numbers of FDP –Research Methodology, IPR, Entrepreneurship and Journal papers also has increased in this academic year.

It is therefore, envisaged that the increment in all the research parameters shall increase in the next academic year also.



Convener

RDECIC



Principal



Principal

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