



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

R&D, Entrepreneurship Committee & Incubation Centre

This committee has been reconstituted for the academic year 2016-17 during August 2016. 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 2016-17.

Details Departments	CSE	ISE	ECE	ME	EEE	BT	CV	Chemistry	Physics	Maths	Total
Research Projects Funded by KSCST and Sapthagiri College of Engineering	-	-	1	2	-	3	1	-	-	-	7
FDP –Research Methodology, IPR, Entrepreneurship	SCE										8
Journal papers	-	-	1	-	2	2	1	-	-	-	6
Books and Conferences	-	-	6	-	1	2	-	-	1	1	11
Extension and Out-reach Programs	SCE										5

The following are the Research Projects Funded by KSCST and Sapthagiri College of Engineering


Sl. No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (Rs)	Duration of the project	Name of the Funding Agency	Type (Government /Non-Government)
1	Isolation & Identification Of Micro Labs For Absorption And Conversion Of Ammonia, Nitrates And Nitrogen Using Aquaponics System	Prof.Saranya D /Prof. Ananda H V/ Prof. Blessy Baby Mathew	Biotechnology	2016-17	6,500	6 Months	Karnataka State Council For Science And Technology - 40 th Series - SPP	Government
2	Forest Monitoring System Based	Prof. Suma V	Electronics	2016-	7,500	6	Karnataka	Government


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	On Gprs And Powered By Iot	Shetty	cs And Communi cation	17		Months	State Council For Science And Technology - 40 th Series - SPP	
3	Performance And Emission Analysis Of Single Cylinder Si Engine Varying Ethanol Blends With Petrol	Prof. Raghuthama Rao	Mechanic al	2016-17	10,000	6 Months	Karnataka State Council For Science And Technology - 40 th Series - SPP	Government
4	Reduction Of Pollution Levels In The Atmosphere By The Use Of Methanol Blended Petrol Fuel In Automobile Ic Engine And Study Of Its Effects On The Performance Of The Engine	Prof. Raghuthama Rao	Mechanic al	2016-17	12,000	6 Months	Karnataka State Council For Science And Technology - 40 th Series - SPP	Government
5	12 Minutes Energy	Dr Ananda S/ Prof. Saranya D /Prof. Ananda H V	Bio- Technolo gy	2016-17	20,000	6 Months	Sapthagiri College Engineering	Non- Government
6	Development of Bioresin and its use in processing of waste plastic and waste Alluminium as composite laminates	Dr Ananda S	Bio- Technolo gy	2016-2017	50,000	6 Months	Karantaka Urban Infra structure Development and Finance Cropn. Ltd	Government

The following are the FDP, Research Methodology, IPR conducted for the year 2016-2017.

1. A training on "Career Guidance" was conducted on 18-5-2017 by the department of Information science and Engineering for 120 students by Mr. Amruth, Product Manager, Byjus Academy.
2. A training on "Career Guidance" was conducted on 15-5-2017 by the department of Electronics & Communication Engineering for 100 students by Mr. Amruth, Product Manager, Byjus Academy.
3. A guest lecture on "Career Guidance for higher studies abroad and India" was conducted on 19-04-2017 by the department of Electronics & Communication Engineering for 100 students by Mr. Philip Thomas, Study abroad product head- GRE & GMAT, T.I.M.E, Bangalore.
4. A workshop & Hands on training was conducted on "3 days workshop on ARM7" for students. It was conducted from 17-09-2016 to 19-09-2016 by the department of Electronics & Communication Engineering for 58 students by Mr. Kumaraswamy & Mr. Vishwanath, V & V Technologies.
5. A 2 days' workshop on "Sensor design & implementation" was conducted from 10-09-2016 to 11-09-2016 by the department of Electronics & Communication Engineering for 70 students by Mr. Praveen Tripathi, Edulife, India. Pvt. Ltd. Bengaluru.
6. A 2 days' FDP on LATEX was conducted on 25.07.2016 & 26.07.2016 by the department of Electronics & Communication Engineering for 100 students by Mrs. Vani V & Naveen H.


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7. A FDP on IPR “Importance of Patents for Engineering Faculty” was conducted on 13.09.2016 was organized for SCE faculties by SCE, Bangalore, by Dr. Dinesh Anvekar K, Principal, Alpha College of Engineering Bengaluru
8. A FDP on “Research Ethics and Plagiarism” was conducted on 02.08.2016 by Dr. Annaiah MH Professor and Head Department of Mechanical Engineering Bengaluru.

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.	Campaign on "SWITCH OFF YOUR ENGINE" at Traffic Signals	Chikkasandra signal	Health Club / Community Club / ECO Club / NSS	--	10/5/2016	55
2.	Mega Health Camp	Triveni School	ECO Club / NSS	Triveni School	11/22/2016	56
3.	Interaction on "Women Malnutrition and its ill effects"	Ivarakhandapura Village	Community Club / Health Club	Ivarakhandapura Village Panchayat	3/6/2017	25
4.	Computer Literacy for School students	Govt. school Ivarakhandapura	EOC/ISR	Govt. school Ivarakhandapura	04/26/2017	20
5.	Education for Every one	Govt. school, Kolar	Community Club	Govt. school, Kolar	6/23/2017	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



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