

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (5)

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Sl. No	Year of Award	Program	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Amount Sanctioned in Lakhs	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)	E-copy
1	2016-17	CV	Performance Evaluation of Electrocoagulation Technique for Dairy Waste Water Treatment Using Aluminium Electrodes	Mr. Sanjay S	CV	0.05 Lakhs	7 Months	KSCST	Government	View Document
2	2016-17	CV	RS and GIS based Site Sustainability analysis for Solid Waste Disposal for Moodbidri and Karkala Region	Mr. Sanjay S	CV	0.05 Lakhs	6 Months	KSCST	Government	View Document

3	2016-17	CV	A Feasibility Study on Treatment of Dairy Wastewater Aided with Electricity Generation using Dualchambered Microbial Fuel Cell	Mr. Sanjay S	CV	0.045 Lakhs	6 Months	KSCST	Government	View Document
4	2016-17	ECE	LI-FI Based Indoor Navigation System For Physically Impaired People	Mrs. Jyothi Pramal	ECE	0.05 Lakhs	1 Year	KSCST	Government	View Document
5	2016-17	ECE	Brain Controlled Wheelchair	Mr. Sudhakar H M	ECE	0.055 Lakhs	1 Year	KSCST	Government	View Document
6	2016-17	ISE	A Mobile Health Network Disaster Management System	Mrs. Divya Ravi. N	ISE	0.045 Lakhs	1 Year	KSCST	Government	View Document
7	2016-17	ME	Design and fabrication of remote controlled coconut harvesting machine	Mr. Praveen K.C	ME	0.08 Lakhs	1 Year	KSCST	Government	View Document

8	2016-17	ME	Automatic wheel chair Cum bed.	Mr. Deepak Kotari	ME	0.07 Lakhs	1 Year	KSCST	Government	View Document
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1	2017-18	CV	Contamination of Soil and Ground Water through Leaching of Sewage and Industrial Waste from Unlined Drains in Mangalore	Dr.H.G.Umesh chandra	CV	0.055 Lakhs	6 Months	KSCST	Government	View Document
2	2017-18	CSE	Learn and Teach: A Platform for Digital Classroom	Mr.VasudevShahapur	CSE	0.04 Lakhs	1 year	KSCST	Government	View Document

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3	2017-18	CSE	V Braille. Text Input of Multi-Touch Screen Mobile Phones	Mr. Tahir Naquash H B	CSE	0.04 Lakhs	1 year	KSCST	Government	View Document
4	2017-18	CSE	A Speak up APP for People	Mr.Vivek Sharma	CSE	0.04 Lakhs	1 year	KSCST	Government	View Document
5	2017-18	ECE	Estimation and Vsualization of 3d orbits of GPS satellite using GPS navigation data file from Mangalore GNSS Reciever	Dr.Dattathrey a	ECE	0.04 Lakhs	1 year	KSCST	Government	View Document
6	2017-18	ECE	Acoustic event recognition for surveillance system	Mr.Aneesh Jain M V	ECE	0.045 Lakhs	1 year	KSCST	Government	View Document

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7	2017-18	ME	Investigation of Diffusion b/w Liquid tin of pure base metal for electronic application.	Dr.Satyanaray an	ME	0.06 Lakhs	1 Year	KSCST	Government	View Document
8	2017-18	ME	Pressure variation solar Desalination With phase change material.	Mr.Kiran C H	ME	0.08 Lakhs	1 Year	KSCST	Government	View Document
9	2017-18 (2012-13)	BS & H	Physiochemic al and mechanical characterisati on of Natural areca fiber reinforced polymer composite materials	Dr.Basavaraju B	BS &H	10.00 Lakhs	3 Years	VGST	Government	View Document
10	2017-18	BS & H	Ni-Mo Composite coatings with NiO nanoparticles as electrocatalyt ic material	Dr.Pavithra G.P	BS & H	5.00 Lakhs	1 year	VGST	Government	View Document

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1	2018-19	ISE	Detection of Artificially Ripened Fruits and Quantification of Hazardous Chemical Compounds Using Spectrometric Techniques	Dr. Roopalakshmi.R	ISE	5.00 Lakhs	1 Year	KSTePS	Government	View Document
2	2018-19	CV	Delineation of Ground Water Potential Zones at Moodbidri by Electrical Resistivity and Remote Sensing Technique	Dr. H.G Umeshchandra	CV	0.06 Lakhs	6 Months	KSCST	Government	View Document

3	2018-19	CV	Flood Inundation Mapping along the upper Reaches of Netravati River using RS and GIS Techniques	Mr. Sanjay S	CV	0.06 Lakhs	6 Months	KSCST	Government	View Document
4	2018-19	ECE	Performance improvement of direct methanol fuel cells using modified nafion membrane	Dr. D V Manjunatha	ECE	0.05 Lakhs	1 Year	KSCST	Government	View Document
5	2018-19	ECE	Overlapping acoustic event classification	Dr. Shankar B B	ECE	0.035 Lakhs	1 Year	KSCST	Government	View Document
6	2018-19	ME	Plastic waste recycling through shredding process	Mr.Kiran C.H	ME	0.09 Lakhs	1 Year	KSCST	Government	View Document

7	2018-19	ME	Determination of optimum substrate thickness to control dissolution & interfacial reaction between solder /substrate interfacial regions for electronic applications.	Dr. Satyanarayan	ME	0.08 Lakhs	1 Year	KSCST	Government	View Document
8	2018-19	ME	UAV fire extinguisher	Mr. K. V Suresh	ME	0.09 Lakhs	1 Year	KSCST	Government	View Document

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1	2019-20	CV	A Feasibility Study on Constructed Wetlands for Treatment of Domestic Wastewater at AIET Campus	Dr. H AjithHebbar	CV	0.05 Lakhs	6 Months	KSCST	Government	View Document
2	2019-20	CV	Assessment of Surface and Ground Water Quality in and around Gurupura, Mangalore (Taluk)	Mr. Ashish Shetty	CV	0.05 Lakhs	6 Months	KSCST	Government	View Document

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3	2019-20	CSE	Crop Disease Prediction Using Ai And Deep Learning To Support Smart Farming	Dr.Manjunath Kotari	CSE	0.04 Lakhs	1 Year	KSCST	Government	View Document
4	2019-20	CSE	Food Wastage Reduction Mobile Application	Mr.Venkatesh / Mr.Vasudev S Shahapur	CSE	0.04 Lakhs	1 Year	KSCST	Government	View Document
5	2019-20	ECE	Design And Fabrication Of Ammonia Gas Sensor Using Electrospinning Method For The Industrial And Medical Application	Dr. Praveen J	ECE	0.04 Lakhs	1 Year	KSCST	Government	View Document
6	2019-20	ISE	Aquaponics System: IOT Based Innovative Plant Cultivation and Fish	Ms.Vanyashree	ISE	0.04 Lakhs	1 Year	KSCST	Government	View Document

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			Feeding System							
7	2019-20	ME	Design And Fabrication Of Solar Dryer With The Application Of Forced Convection	Mr. K V Suresh	ME	0.055 Lakhs	1 Year	KSCST	Government	View Document
8	2019-20	ME	Investigation On Dissolution Between Eutectic Lead Base /Leadfree Solder And Base Metals Using Hot Dip Soldering Method For Electronic Application	Dr.Satyanarayan	ME	0.05 Lakhs	1 Year	KSCST	Government	View Document

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9	2019-20	ME	Design and Fabrication of a Formula Styled Kart	Dr. Peter Fernandes/ Mr.Kiran C H	ME	0.5Lakhs	1 Year	Shree Dhanalaks hmi Cashew Exports Private Limited	Non-Government	View Document
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1	2020-21	Air Pollution Tracking in Mangalore Using GIS and RS	Dr.H.G.Umeshchandra	CV	0.05 Lakhs	6 Months	KSCST	Government	View Document
2	2020-21	Feasibility of Greywater Treatment with River Sand and Polypropylene Pal Rings as Filter Media	Ms.Kavyashree S	CV	0.06 Lakhs	6 Months	KSCST	Government	View Document
3	2020-21	Self Balancing Med Supply Bot During Floods	Mr.Santhosh S	ECE	0.05 Lakhs	1 year	KSCST	Government	View Document

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4	2020-21	Patrol Fish To Collect And Check The Contamination Of A Water Body	Mr.Santhosh S	ECE	0.05 Lakhs	1 year	KSCST	Government	View Document
5	2020-21	Substitute For An Amputated Hand Using A Bionic Arm	Mrs.Nishma K	ECE	0.065 Lakhs	1 year	KSCST	Government	View Document
6	2020-21	Sign language detection using convolution neural network	Mr. Sharan L Pais	ISE	0.04 Lakhs	1 Year	KSCST	Government	View Document
7	2020-21	Detection of lack of nutrient in coffee and banana using image processing	Mr. Pradeep Nayak Dr. Kiran B Malagi	ISE	0.05 Lakhs	1 Year	KSCST	Government	View Document
8	2020-21	Design And Fabrication Of Automated Seed Dryer	Deepak Kothari	ME	0.07 Lakhs	1 year	KSCST	Government	View Document

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9	2020-21	Semi Automatic Multipurpose Parisheka Yantra	Kiran C H	ME	0.07 Lakhs	1 year	KSCST	Government	View Document
10	2020-21	Performance and Emission Characteristics of CRDI (Common Rail Direct Injection) Engine fuelled with Cardanol-Honge Bio-Diesel blend with Diesel Particulate filter at the exhaust.	Manoj Kumar A P	ME	0.07 Lakhs	1 year	KSCST	Government	View Document