

Institute Name: **Bapuji Institute of Engineering & Technology, Davangere - 577004**

India Ranking:

Discipline: **Engineering**

Parameter		Sponsored Research Projects							
2D.FPPP	S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Received(In Rupees)	Amount received (in words)
			1 Dr N S Manjunath	VGST	Phages as Natural Nano-Medicines to Target Superbugs	VGST/CISEE/(2014-15)/2015-16	28-04-2015	10,00,000.00	1000000
			2 K K Prakash	VGST	Diversified bacterial and fungal aerosols prevailing bronchovascular infections	VGST/SMYSR/(2014-15)/GRD-410/2015-16	30-04-2015	4,00,000.00	400000
			3 Dr Nirmala C R	VGST	Novel Approach to formulate zone parameters to improve the crop yield using remote sensing the data for precision agriculture'	VGST/K-FIST(L2) 2014-15/2015-16	30-04-2015	20,00,000.00	2000000
			DR.G.P.DESAI & DR.SURESH B	KSCST	DEVELOPMENT OF MATHEMATICAL MODELS FOR REMOVAL OF NITRATES FROM WASTE WATER	38S1286	27-04-2015	5,000.00	7,000.00
			DR. G. P. DESAI & DR. SURESH B	KSCST	AN EXPERIMENTAL INVESTIGATION ON EVALUATION OF KINETIC PARAMETERS COEFFICIENTS FOR THE TREATMENT OF DISTILLERY WASTE USING ACTIVATED SLUDGE PROCESS	38S1287	27-04-2015	5,000.00	3,000.00
			VINUTHA H P & VANITHA G P	KSCST	SHARE AND CARE: AN EXTENDED APPROACH TO BLOOD DONATION	38S1279	27-04-2015	4,000.00	4,000.00
			MAHENDRACHARI	KSCST	DIGITAL FUEL INDICATOR WITH PETROL LEVEL DETECTION, FUEL THEFT VOICE ALERT AND CENTRAL LOCKING CONTRAL USING ANDROID APPLICTION	38S1271	27-04-2015	7,000.00	4,000.00
	1	2015-16							

POORNIMA B & RAJATH BABU H.M	KSCST	BLOOD BANK MANAGEMENT SYSTEM	38S1276	27-04-2015	4,000.00	8,000.00
SHIVAMURTHY D & SHILPA M. YADAWAD	KSCST	U-CLOUD : A USER CENTRIC KEY MANAGEMENT SCHEME FOR CLOUD DATA PROTECTION	38S1273	27-04-2015	3,000.00	5,000.00
SREEDEVI L.K	KSCST	DOMESTIC HYBRID POWER GENERATOR	38S1281	27-04-2015	8,000.00	5,000.00
DR.S. KUMARAPPA	KSCST	DESIGN AND FABRICATION OF WIND TURBINE FOR POWER GENERATION ON MOVING TRAIN	38S1290	27-04-2015	7,000.00	7,000.00
DR. SHARAN A S	KSCST	DEVELOPMENT OF ELECTRONICALLY CONTROLLED PROPORTIONING DIRECTIONAL SERVO VALVES	38S1453	27-04-2015	7,000.00	7,000.00
S.M. CHANDRASEKHARA	KSCST	COMPARATIVE STUDIES ON ANTIMICROBIAL PROPERTIES OF SIDARHOMBIFOLIA (SRF), BAMBOO AND COTTON FIBRES FOR MEDICAL APPLICATION	38S1289	27-04-2015	7,000.00	7,000.00
SANTHOSH U	Bio Fuel	Utilization of biodiesel byproducts and agro residues for the production of fuel pallets (UG)	38S_B_BE_050	27-04-2015	11,000.00	11,000.00
					34,68,000.00	

2	2014-15	1 Dr B E Rangaswamy	DBT	Airborne Bio contaminants And Their Association With Asthma, Respiratory Infections And Genetic Pre-Disposition	BT/PR7904/MED/12/605/2013	08-10-2014	18,78,400.00	1878400
		2 Dr B E Rangaswamy	AICTE	Production Of Bacterial Cellulose	8-145/rifd/rps/Policy-4/2013-14	03-03-2014	10,45,000.00	1045000
		Dr Ravishankar B V	KSCST	Phytochemical Vit-C and antioxidant evaluation of some underexploited Fruits	37 S 0007	11-04-2014	4,500.00	4,500.00
		Dr B E Rangaswamy	KSCST	Optimization of Ethanol production from Fruit waste	37 S 0010	11-04-2014	5,500.00	5,500.00
		Dr B E Rangaswamy	KSCST	Phytochemical screening, antimicrobial, antioxidant and anticancer activity of <i>Plectranthus amonicus</i> and <i>Bacopa monnieri</i>	37 S 0011	11-04-2014	5,500.00	5,500.00
		Dr Kalleshappa C M	KSCST	Extraction of essential oil	37 S 0012	11-04-2014	5,500.00	5,500.00
		Dr G P Desai	KSCST	An investigation on removal of chemical oxygen demand from domestic waste water using fortified soil clay	37 S 0013	11-04-2014	3,500.00	3,500.00
		Dr B M Kulukarni	KSCST	Isolation of plant sterols from microwave pretreated jatropa cake	37 S 0015	11-04-2014	5,500.00	5,500.00
		S B Mallikarjuna	KSCST	Mission Malnutrition-A step towards Healthier Infants	37 S 0019	11-04-2014	4,000.00	4,000.00
		Prakash K M	KSCST	Design and Implementation of a Bi-Directional Power Converter for Electric Bike with Charging Feature	37 S 0022	11-04-2014	3,500.00	3,500.00
Nirmala S O	KSCST	Automation of water Supply Management System	37 S 0025	11-04-2014	3,500.00	3,500.00		

Chandan V	KSCST	Paddy Grader and Disease Finder through Leaf Coloration by Advanced Image Processing	37 S 0029	11-04-2014	2,500.00	2,500.00
Dr S Kumarappa	KSCST	Design and fabrication of vertical wind turbine for power generator at highway medians (UG)	37 S 0033	11-04-2014	6,500.00	6,500.00
Ravindra K B	KSCST	Rending cotton and polyester / cotton blended fabrics Antimicrobial property using Tulsi leaf extract.	37 S 0040	11-04-2014	6,000.00	6,000.00
Dr Muruges Babu K	KSCST	Design and development of Solar Garments	37 S 0042	11-04-2014	6,000.00	6,000.00
Dr A G Shankaramurthy	KSCST	Non-conventional cutting of plate glass using hot air jet mixed with abrasives (UG)	37 S 1423	11-04-2014	6,000.00	6,000.00
Dr B M Kulukarni	Bio Fuel	Investigation on effects of microwave pretreatment on yield and quality of rubber seed oil for biodiesel activities	37 S B BE 001	11-04-2014	8,500.00	8,500.00
Dr B E Rangaswamy	Bio Fuel	Value added Utilization of crude Glycerol	37 S B BE 029	11-04-2014	15,000.00	15,000.00
S Rajesh	Bio Fuel	Stability analysis of biodiesel, ethanol and diesel blends and performance testing of CI engine with these stable blends (PG)	37 S B M.Tech 011	11-04-2014	12,000.00	12,000.00
Dr B M Kulukarni	Bio Fuel	Investigation on conversion of flower wastes into bioethanol and performance evaluation on single cylinder IC engine (PG)	37 S B M.Tech 029	11-04-2014	18,500.00	18,500.00
..					30,45,400.00	

	Dr Kumarappa S	AICTE	Development of Piezoelectric Direct Injection for Compression Ignition Engine Working on Bio Diesel Produced from Waste Pupae -- a Byproduct of Silk Reeling Industry	8-90/RIFD/RPS/Policy-3/2013-14	16-12-2013	15,25,000.00	1525000
	2 Dr B E Rangaswamy	AICTE	Modernization Of Genetic Engg And Immunotechnology Lab	9/27/RIFD/MODRO B Policy-1/2013-14 (PVT)	11-07-2013	15,29,200.00	1529200
	3 Dr M S Nagaraj	AICTE	Modernization of Power Systems Simulation Laboratory	12/AICTE/RIFD/MOD (policy-4)PVT-12/2012-13	15-07-2013	14,64,000.00	1464000
	4 Dr B Poornima	AICTE	Design and Analysis of Efficient Privacy Preserving Data Mining Algorithms	20/AICTE/RIFD/RPS (Policy-7)31/2013-14	05-07-2013	4,30,000.00	430000
	5 Dr C M Kalleshappa	VGST	Pharmacological screening of traditional medicines	VGST/P-8/CISE/2011-12/1147	22-12-2011	10,00,000.00	1000000
	6 Dr N S Manjunath	VGST	Exploration of Bacteriophages as an alternative to Antibiotics to target the Emerging Multi drug resistant Bacteria	VGST/SMYSR/2012-13/286	19-03-2013	5,00,000.00	500000
	7 Dr Mallikarjun S Holi	KSCST	Design and Development of Stress Detection and Sleep Inducer System"	36 S 0516	29-05-2013	5,000.00	5000
	8 Anjaneya L H	KSCST	"An In-vehicle Driver Fatigue Detection and Alarm System"	36 S 0517	29-05-2013	4,000.00	4000
	9 Dr B M Kulukarn	KSCST	Investigations on Extraction Phytochemical And paramcological Studies on active constituents of andrographisPaniculata (KALMEGH	36 S 0523	29-05-2013	4,000.00	4000

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10 S A Gangaraju	KSCST	Morphometry : Implications for water resources Assessment and development	36 S 1413	29-05-2013	5,000.00	5000
11 Dr B E Basavarajappa	KSCST	Aquifer mapping and Location of suitable for Sites for ground water Recharging in Jagalur Taluk of Davangere Dist.	36 S 0533	29-05-2013	5,000.00	5000
12 Mrs. Leela G H	KSCST	Advanced LPG Seva Kit	36 S 0538	29-05-2013	4,000.00	4000
13 Dr M Prasanna kumar	KSCST	Design and fabrication of smart cleaner for municipal and corporation use (UG)	36 S 0547	29-05-2013	5,000.00	5000
14 Dr A M Nagaraj	KSCST	Fabrication of low cost Vertical axis wind mill for Domestic use	36 S 1160	29-05-2013	5,000.00	5000
15 Dr S Kumarappa	KSCST	Study of temperature effect two layered peristaltic transport using harohel bulkily fluid a mathematical model to quantify the physiological flow parameters and flow visualization (PG)	36 S 1161	29-05-2013	6,000.00	6000
16 Dr A G Shankara Murthy	KSCST	Design and fabrication of terrain robot (UG)	36 S 0544	29-05-2013	6,000.00	6000
17	KSCST	Design and fabrication of SEE SAW generator	36 S 0545	29-05-2013	6,000.00	6000

18 Prashanth S J	KSCST	FEA Analysis of milling machine cutter vibration using mechanical damper (UG)	36 S 0546	29-05-2013	5,000.00	5000
19 S M Chandrasekhar	KSCST	Study of Antimicrobial and ultra violet resistance properties of bamboo fibers	36 S 0553	29-05-2013	4,000.00	4000
20 S N Ramesh	KSCST	Study of knitted fabrics made from compact yarn with different twist multipliers its effect	36 S 0554	29-05-2013	4,000.00	4000
21 B M Kulukarni	Bio Fuel	Investigations on effects of microwave pretreatment on yield and quality of rubber seed oil for bio diesel activities	36B BE014	04-06-2013	14,000.00	14000
Dr. S.Kumarappa & Dr. B.M.Kulkarni	Bio Fuel	Engine performance and emission characteristics of single cylinder diesel engine working on liquid fuels produced from agricultural plastic waste (PG)	36B M Tech 4	04-06-2013	17,000.00	17000
23 S Rajesh	Bio Fuel	Studies of stability of diesel bio-diesel and butanol blends evaluation of performance of diesel engine with selected blends (PG)	36B M Tech 5	04-06-2013	13,000.00	13000
24 S Rajesh	Bio Fuel	Performance and emission analysis of single cylinder diesel engine with varying injection pressure and timing fueled with mehua ferrea oil as bio-diesel (PG)	36B M Tech 23	04-06-2013	16,000.00	16000
					65,76,200.00	