JSS MAHAVIDYAPEETHA
SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSORE

LIST OF ONGOING RESEARCH PROJECTS SANCTIONED TO VARIOUS DEPARTMENTS OF THE COLLEGE

Sl. No.	Description including File No.	Type of Project	Department	Sanctioning Authority	Principal Investigator	Amount in Lakhs	Status
2009-2010							
1	**DRDO/PST/09-10/R&D - Dr. G.M.S.** Development of rapid prototyping polymers for selective inhibition sintering of Aero Components F.No. ERIP/ER/0804438/M/01/1130 Dt. 4-8-2009	R&D	PST	DRDO	Dr. G.M. Shashidhara	14,34,000/-	Ongoing
2	**DST/E&EE/09-10/R&D - Dr. A.D.S.** Electrical Discharge Based Hybrid Technique for vehicular emission control - A Non-conventional approach for Environmental protection F.No. SR/WOS-A/ET-16/2009 Dt. 28-10-2009	R&D	E&EE	DST	Dr. A.D. Srinivasan	11,28,000/-	Ongoing
3	**UGC/BT/09-10/R&D - Dr. S.N.S.** Exploring the Anti-Inflammatory activities of 2,5 disubstituted 1,3,4 oxadiazole derivative F.No. 38-220/2009(SR) Dt. 24-12-2009	R&D	Bio-tech	UGC	Dr. S. Nanjundaswamy	9,09,300/-	Ongoing
4	**UGC/ENV/09-10/R&D - Dr. S.M.** Dual Treatment of Diary waste waters using Electrochemical coagulation (ECC) & Adsorption F.No. 38/221/2009(SR) Dt. 5-1-2010	R&D	Environmental	UGC	Dr. S. Mahesh	8,43,300/-	Ongoing

5	**VTU/01/ENV/09-10/Dr. B.M.K.** Advanced Water Treatment Techniques for Fluoride, Hardness and Nitrate removal F.No. VTU/Aca/2009-10/A-9/11419 Dt. 1-1-2010	R&D	Environmental	VTU	Dr. B. Manoj Kumar	11,81,000/-	Ongoing
6	**VTU/02/PST/09-10/Dr. S.R.** Investigation on the thermoset plastic grind waste and naturally occuring/mineral fillers incorporated hybrid rubber composites F.No. VTU/Aca/2009-10/A-9/11472 Dt. 2-1-2010	R&D	PST	VTU	Dr. Siddaramaiah	7,50,000/-	Ongoing
7	**VTU/03/E&EE/09-10/Dr. A.D.S.** Electrical Discharge Based Hybrid Technique for vehicular emission control - A Non-conventional approach for Environmental protection F.No. VTU/Aca/2009-10/A-9/11709 Dt. 6-1-2010	R&D	E&EE	VTU	Dr. A.D. Srinivasan	8,50,000/-	Ongoing
2010-2011							
8	**AICTE/67/10-11/E&EE** Electrical discharge based technique emission control - A non-conventional approach to environmental protection 8023/BOR/RID/RPS-39/09-10/ Dt. 31-3-2010	RPS	E&EE	AICTE	Dr. A.D. Srinivasan	8,90,000/-	Ongoing
9	**AICTE/68/10-11/E&C** Development of dieelectric nano-composites for power and micro electronics applications 8023/BOR/RID/RPS-38/09-10/ Dt. 15-7-2010	RPS	E&C	AICTE	Dr. N.M. Renukappa	8,60,000/-	Ongoing

10	**VGST/BT/10-11/Dr. K.R.S.** Project - Microbial production of Dihydroxy acetone from glycerin products in the manufacture of bio-dieset VGST/Seed Money 2009-10/ES-N8/10-11/151/ Dt. 26-5-2010	R&D	BT	VGST	Dr. K.R. Sanjay	3,90,000/-	Ongoing
11	**VGST/IT/10-11/Dr. M.S.** Establishment of centre of Excellence in MEMS and Bio-MEMS at the Dept. of Inst. Tech under CISE Scheme VGST/PRMG/CISE/4/2009-10/10-11/340/Dt. 25-8-2010	R&D	IT	VGST	Dr. M. Sukumar	10,00,000/-	Ongoing
12	**AICTE/69/10-11/CS** Sentiment Lexicon for effective mining of users of opinion on products from web F.No. 8023/BOR/RID/RPS55/2009-10 Dt. 21-10-2010	RPS	CS	AICTE	Dr. K.M. Anilkumar	3,50,000/-	Ongoing
13	**SCHNEIDER PROJ - 1 E&C** Development of A1 Engine for deployment in smart meters to provide intuitive user interface	R&D	E&C	Schneider	Dr. C.R. Venugopal	5,01,975/-	Ongoing
14	**SCHNEIDER PROJ - 2 E&EE** Development of Predictive billing feature for an energy meter	R&D	E&EE	Schneider	Dr. R.S. Anandamurthy	5,01,975/-	Ongoing
15	**VTU/04/E&C/10-11/R&D - Dr. N.M.R.** Development of hybrid conducting nano composites for engineering and electronic packaging applications VTU/Aca/2010-11/A-9/11325 Dt, 7-12-2010	RPS	E&C	VTU	Dr. N.M. Renukappa	8,00,000/- (6,96,000/-) 1st Inst.	Ongoing

16	**UGC/ENV/10-11/R&D - Dr. M.M.S.** Treatment of pertroleum refinery waste water for the removal of Resorcinol and Catechol batch ….. Kinetic Studies F.No. 39-887/2010(SR) Dt. 12-01-2011	R&D	ENV	UGC	Dr. M. Mahadevaswamy	10,41,800/- (7,92,800/-) 1st Inst.	Ongoing
17	**VTU/05/MECH/10-11 - Dr. A.N.S.** A Study of the technology business incubators and an analysis of the key drivers and inhibitors VTU/Aca/2010-11/A-9/11893 Dt. 20-12-2010	RPS	MECH	VTU	Dr. A.N. Santosh Kumar	5,00,000/- (2,00,000/-) 1st Inst.	Ongoing
2011-2012							
18	**IEI/BT/11-12/R&D - Dr. M.N.N.P.** Production of Bacteriocins from Indian traditional products (Bio-tech) SCK/T-R&D/RD/2011/298(UG)/2011 Dt. 12-08-2011	R&D	BT	IEI	Dr. M.N. Nagendra Prasad	50,000/-	Ongoing

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Details of ongoing Projects during 2013-14

Sl. No	Description	Type of the Project	Dept.	Sanctioning Authority	Principal Investigator	Amt. in Lakhs
01	**UGC/13-14/CHEM/Dr. PM** R&D Project – "Synthesis & characterization and biological activity of some organic compounds" P.I. Dr. P. Mallu No. 42-366/2013(SR) Dt: 25.03.2013	R&D	Chem	UGC	Dr. P. Mallu Professor	` 8,28,300/- (1st Inst. 4,64,300/-)
02	**SERB/34/13-14/BT/Dr. SN** "Targeting inflammatory pathway for the treatment of hepatacellular carcinoma by novel N-Substituted imidazole - 4- caroldehyde derivatives" P.I. Dr. S. Nanjundaswamy No. SB/FT/LS-297/2012 Dt: d06.06.2013	R&D	BT	SERB	Dr. S. Nanjundaswamy Assistant professor	` 24,88,000/- (1st Inst. 17,00,000/-)
03	**IBM/45/13-14/CS/Dr. KMA** "Exploring Approaches for Analyzing User's Sentiment from Regional Web documents" P.I. Dr. K. M. Anilkumar		CS	IBM	Dr. K. M. Anilkumar Assistant professor	` 2,50,000/-
04	**JCE/DVP/VGST/E&C/47/2013-14** "Driver Drowsiness Detection using Inmage Processing and GSm Based Alarm – Accident Prevention" P.I. Sri. Srikanth No. VGST/P-5/TRIP/2013-14 Dt. 23.12.2013	TRIP	E&C	VGST	Dr. S. P. Kulkarini	` 40,000/-