

Sponsored Projects

P.E.S. College of Engineering Mandya
List of projects obtained, project submitted and technical papers presented
from 2010-11 to 2014-15

Sl No	Dept.	Topic of the technical proposal	Funding Agencies	Amount Rs. Specified	Year of Submission	Co-ordinator	Total
1	ME	Optimisation of process parameters and monitoring the electrode in WEDM	AICTE	Rs.7,00,000=00	2012	Dr. H V Ravindra Professor	07
2		Machine tool condition monitoring using Machine vision	VTU	Rs.6,35,000=00	2012-15		
3		Monitoring of Electrode in wire Electrical discharge machining using Multi-sensory approaches	UGC	Rs.6,30,000=00	2013-15		
4		Monitoring the status of the drilled hole in composite material using multi sensory approaches	DRDO, Pune	Rs.10,00,000=00	2014-16		
5		Monitoring the status of the drilled hole in Composite materials using Machine vision	AICTE	Rs.12,00,000=00	2013-14		
6		Optization of process parameters and monitoring the status and breakage of weld using	DST	Rs. 13,00,000=00	2014-15		

7		A study on machining performances during wedm of metal matrix composites using machine vision system and acoustic emission technique	NRB		2015		
8	ME	Study of fatigue behaviour of natural fibre reinforced, nano particulate filled polymer composites	AICTE - RPS	Rs.14.60 lakhs	2013-14	Dr. S L Ajith Prasad Professor & HOD of Mech.	03
9		Fabrication of billets using powder mixture to be used in stir casting process	VGST – TRIP [Technology related innovative projects]	Rs.40,000.00	2012-13		
10		Centre for Design and Analysis of Mechanical Engineering Systems	VGST – CISEE [Centers of Innovative Science Engineering and Education]	Rs.30.00 Lakhs	2014-15		
11	AU	For the establishment of centre for Bio – lubricant for Automobiles	VGST-CESEM	Rs. 20,00,000.00	30 th July 2014	Dr. J Venkatesh Professor & HOD of Automobile	01
12	E&E	Establishing High Voltage Insulation laboratory	Department of Industries & Commerce Govt. of Karnataka.	Rs. 58,00,000.00	2012- 2014	Dr. B Ramachandra Professor & HOD of E&E	01

13	E&E	Design and Development of PWM Strategies for Multilevel Inverters using VLSI Technology	Vision Group of Science And Technology, Karnataka	Rs. 16,00,000.00	June-July 2014	Dr. P S Puttaswamy Professor	01
14		Optimal Design of Controlling DC-DC Switching	Research Promotion Scheme of AICTE	Rs. 10,00,000.00	March-2013	Dr. S S Parthasarathy Professor	01
15	CS	Establishing the Virtual Computing Laboratory using Cloud Computing Technology for Post Graduate and Research programs	Applied for VGST project	Rs. 10,00,000.00	2014-15	Dr. M C Padma Professor & HOD of CS	02
16		Novel approaches to develop modules of source analysis for Kannada sentence in Machine Translation System	Applied for UGC major research project	Rs. 5,50,000.00	2014-15		
17	EC	Establishment of centre of excellence laboratory on olfactory sensors and instrumentation for disease diagnosis and food spoilage	VGST	Rs. 20.00 Lakhs	2013-14 (CISEE)	Dr. V. Sridhar Principal	02
18		Characterization of olfactory sensors and design of instrumentation for disease diagnosis and food spoilage	AICTE	Rs. 25.00 Lakhs	2013-14 (RPS)		
19		Establishment of Medical Image analysis laboratory	VGST	Rs. 20.00 Lakhs	2014-15 (K-FIST-1)		

20	EC	Study of olfactory sensor for Spoilage Detection of Milk and Bread and design and development of a prototype E Nose to detect the same.	VGST	Rs. 4.00 Lakhs	2014-15 (SMYSR)	M.J. Anand Asst. Professor	01
21	CV	Artificial Research by using Drinking GIS & Remote Sensing Techniques Project Suctioned by VTU Belgaum, under the scheme of VTU Research Grants, Project cost is Rs. 6.70 Lakhs, for three years Duration	VTU	Rs. 6.70 Lakhs	2012-13	Dr. L Prasanna Kumar Professor	03
22		Established Mandya District Bio Fuel Information and Demonstration Center, supported by KSBDB	KSBDB, Govt. of Karnataka, Bangalore	Rs. 19.00 Lakhs	2012-13		
23		Artificial Research by using GIS Remote Sensing Techniques, Ramanagar District	MOES, Govt. of India, New Delhi	Rs. 16.00 Lakhs	2014-15		