

Research Projects & Grants

Name of the Project	Name of the Principal Investigator	Department	Funds	Year of award	Duration of project
Synthesis and Characterization of phosphors for X-ray imaging.	Dr. Mrs. S.P. Wankhede, H.O.D., Physics	Physics, (Basic science & Humanities)	Rs.10,90,124/- 3,45,462/- (2012-13)	2011-13	01/03/2011 to 28/02/2013
Development of Phosphors for high dose dosimetry	Dr. Mrs. S.P. Wankhede, H.O.D., Physics	Physics, (Basic science & Humanities)	Rs.32,61,566/- 20,74,550/- (2013-14) 4,19,800/- (2014-15)	2013-16	01/08/2013 to 31/07/2016
Development of experimental set up using hydraulic system to investigate various variables of improved Bamboo processing machine	A.V. Vanalkar P.G. Mehar	Mechanical	0.10 Lacs	2011-2012	1 year
Finite Element Analysis of Draw die for body side panel of Piaggio Vehicle	C.C. Handa	Mechanical	0.11 Lacs	2012-2013	1 year
Development of Chilly handling system	A.V. Vanalkar	Mechanical	0.27 Lacs	2012-2013	1 year
Development of a Packaging machine	A.V. Vanalkar	Mechanical	0.19 Lacs	2012-2013	1 year
Development of Monorail for material handling system	C.C. Handa	Mechanical	0.20 Lacs	2012-2013	1 year
Finite element analysis of Steam Turbine Components for RLA studies of 110MW steam turbine at PTPS, UPRVUNL, Paricha, Jhansi	A.V. Vanalkar C.C. Handa	Mechanical	0.35 Lacs	2012-2013	7 months
Finite Element Analysis of Steam Turbine Components for RLA studies of 210 MW steam turbine at NTPP, NTPC, Dadri (UP)	A.V. Vanalkar C.C. Handa	Mechanical	0.35 Lacs	2012-2013	7 months
Design and finite element analysis of Circle cutting Machine	A.V. Vanalkar C.C. Handa	Mechanical	0.30 Lacs	2012-2013	6 months
Finite element analysis of Steam turbine components for RLA studies of 210 MW steam turbine at	A.V. Vanalkar C.C. Handa	Mechanical	0.77 Lacs	2013-2014	1 year

NTPP, NTPC, Dadri (UP)					
Development of Phosphors for High Dose Dosimetry	Mrs. S.P. Wankhede	Physics	30.434 Lacs	2013-2014	3 years
Grant saction under E.D.C. by A.I.C.T.E., New Delhi	C.C. Handa	Mechanical	4 Lacs	2013-2014	1 year
Financial Assistance as grant in aid sanction by A.I.C.T.E, New Delhi	Valson Varghese	Civil Engineering	2 Lacs	2013-2014	1 year
Designing of Low Power SRAM with Multiple optimization techniques	G.H. Agarwal	Electrical Engineering	7.5 Lacs	2013-2014	1 year
Modernization of present Automation and Robotics laboratory as Flexible Manufacturing System laboratory	C.C. Handa	Mechanical	17.04 Lacs	2013-2014	1 year
Measurement of dimensions and 2D drawing of Tube Valve	A.V. Vanalkar C.C.Handa	Mechanical	0.05 Lacs	2014-2015	3 months
Design & Optimization of Bolted joint subjected to shear & bending loads	C.C. Handa	Mechanical	0.10 Lacs	2014-2015	1 year
Design and development of Non-continuous type conveying system for Ginning Industry	A.V. Vanalkar	Mechanical	0.10 Lacs	2014-2015	1 year
Failure analysis of Car front suspension lower arm	A.V. Vanalkar	Mechanical	0.10 Lacs	2014-2015	9 months
Design and analysis of High Mast Solar light pole	A.V. Vanalkar	Mechanical	0.10 Lacs	2014-2015	1 year
Design and Fabrication of Drum Handling Equipment	S.K. Choudhary	Mechanical	0.22 Lacs	2014-2015	1 year
Multi-body Dynamics of Light Motor Vehicle	S.K. Choudhary	Mechanical	0.10 Lacs	2014-2015	1 year
Stress Analysis by Finite element method of 210 MW, (KWV make) Steam Turbine duing RLA studies of WTPS, GSECL, Wanakbori	A.V. Vanalkar C.C. Handa	Mechanical	0.40 Lacs	2014-2015	8 months
Analysis and Optimization of cutting tool of Bamboo processing machine	P.G. Mehar	Mechanical	0.10 Lacs	2014-2015	1 year
Design and development of Spinal Cord surgery mechanism for surgical bed	C.C. Handa	Mechanical	0.10 Lacs	2015-2016	1 year