

National Institutional Ranking Framework (NIRF) 2019

All India Shri Shivaji Memorial Society's
College of Engineering, Pune 411001
(IR-E-C-41227)/(IR-O-C-41227)

Sponsored Research Projects

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided (Rs)	Duration of the project	Funding Agency
Rejuvenation of Effluent Remediation by continuous flow with visible light induced reactor using nanoparticles	Mr A V Mohod	Chemical Engineering	2017-18	40000	Two Years	Institute of Engineers Kolkta
Sensorless vector control of PMSM using SMO and NLDO	Ms A A Apte	Electrical Engineering	2017-18	70877	Three Years	SERB Delhi
Design and development of ATV vehicle for BAJA compitition	Dr C S Dharankar	Mechanical Engineering	2017-18	385000	one year	SSPMS PUNE
Design and development of Karting vehicle for GoKart event	Dr B D Bachhav	Mechanical Engineering	2017-18	99000	one year	SSPMS PUNE
Design and development of hybrid vehicle for effi-cycle competition	Mr C S Chaudhary	Mechanical Engineering	2017-18	66000	one year	SSPMS PUNE
Design and development of formula car	Mr S V Chaitanya	Mechanical Engineering	2017-18	220000	one year	SSPMS PUNE
Design and development of aerodesign of aeroplane for Garudashwa	Dr D Y Dhande	Mechanical Engineering	2017-18	330000	one year	SSPMS PUNE

Water Management in India (Sponsored by VESBE,Hennef,Germany)	Principal, AISSMS COE,Pune-1	Chemical Engineering	2016-17	49,74,884.87	Four years	VESBE,Hennef, Germany
Design and Development of HPVC Vehicle. (Sponsored by Renon Pvt Limited)	Mr. S.R.Patil	Mechanical Engineering	2016-17	10,000	One Year	Renon Pvt Limited
Design and Development of GOCART Vehicle. (Sponsored by S.R.industries)	Mr.M.S.Swami	Mechanical Engineering	2016-17	1,00,000	One Year	S.R.industries
Design and Development of HPVC Vehicle. (Sponsored by Rednica Cables)	Mr. S.R.Patil	Mechanical Engineering	2016-17	30,000	One Year	Rednica Cables
Providing automated data Security approach in public cloud based on ID-RDPC (Identity based Remote Data Possession Checking).	Mrs. S. J. Pacholi	Computer Engineering	2016-17	39000	Two years	BCUD, SPPU , Pune
Value added products from Karanja using novel techniques	Dr.V L Gole, Mr. P. S. Tadkar	Chemical Engineering	2016-17	2,75,000	Two years	BCUD, SPPU , Pune
Studies of some Novel Anti_mico bacterium agents	Dr.M S Deshpande	Chemical Engineering	2016-17	2,30,000	Two years	BCUD, SPPU , Pune
Automation for Bone alignment in post surgery monitoring and control for biomedical instrumentation.	Mr. P.S.Aglawe	Mechanical Engineering	2016-17	2,00,000	Two years	BCUD, SPPU , Pune
Performance of Diesel using Preheated biodiesel.	MR. V.R.Patil	Mechanical Engineering	2016-17	1,15,000	Two years	BCUD, SPPU , Pune

Optimization of Hybrid Machining Process of Rotary Electro Discharge Machining with Abrasive media	Dr S H Wankhade	Production Engineering	2016-17	1,90,000	Two years	BCUD, SPPU , Pune
Rule learner and multithreading technique for real time intrusion detection systemselection for high speed network	Dr D P Gaikwad	Computer Engineering	2016-17	73,000	Two years	BCUD, SPPU , Pune
Fault Diagnosis methodology in smart grid with disturbuted energy generation	Mrs. M. H. Dhend	Computer Engineering	2016-17	24,333	Two years	CSIR
Design and Development of Gocart vehicle. (Sponsored by Everest Air System)	Mr. M.S.Swami	Mechanical Engineering	2015-16	25000	One Year	Everest Air System Pune
Design and Development of BAJA Vehicle (Sponsored by Cummins india)	Mr. A.V.Waghmare	Mechanical Engineering	2015-16	50000	One Year	Cummins India Limited Pune
Design and Development of BAJA Vehicle (Sponsored by Weg Electric Pvt Limited)	Mr. A.V.Waghmare	Mechanical Engineering	2015-16	100000	One Year	Weg Electric Pvt Limited Pune
Design and Development of BAJA Vehicle (Sponsored by Eagle Products)	Mr. A.V.Waghmare	Mechanical Engineering	2015-16	111000	One Year	Eagle Products Pune
Smart Health care system using wireless sensor network fund	Dr. D. S. Bormane	Electronics Engineering	2015-16	150000	Two Years	BCUD, SPPU , Pune
Train the trainer workshop in Germany on Water Management in India (Sponsored by VESBE,Hennef,Germany)	Mr. A. V. Mohod, Mr. R. P. Kakde	Chemical Engineering	2015-16	2209086	One Year	VESBE,Hennef, Germany

Fabrication and Manufacturing of Water Purifier: A Simple and Economic way of Treatment (Sponsored by IEI,Kolkata)	Mr. A V Mohod	Chemical Engineering	2015-16	20,000	One Year	IEI,Kolkata
Experimental Investigation of Lead-Rubber Bearing	Mrs. M V Waghmare	Civil Engineering	2015-16	40000	One Year	Dr. Mrs. S N Madhekar, Foundation
Investigation of Microwave Sensor for Non Invasive Determination of Blood Glucose Concentration	Ms Vidya Vijay Deshmukh Dr R B Ghongade	Electronics Engineering	2015-16	200000	Two Years	BCUD, SPPU , Pune
Reinforced Fly Ash Slope Using Different Geosynthetics	Dr. V. N. Patil	Civil Engineering	2015-16	2,00,000	Two Years	BCUD, SPPU , Pune
Effect of Amino acids on metal complexes non linear optical single crystals	Dr N N Shejwal	First year Engineering	2015-16	2,10,000	Two Years	BCUD, SPPU , Pune
Study of earthquake induced waves in circular water tank in various staging height	Mrs. M V Waghmare	Civil Engineering	2015-16	2,00,000	Two Years	BCUD, SPPU , Pune
Experimental investigation on performance of Spark ignition Engine fuelled.	Mr. S.J.Nawale	Mechanical Engineering	2015-16	1,50,000	Two Years	BCUD, SPPU , Pune