



Jawahar Education Society's
A. C. Patil College of Engineering, Kharghar
 Academic Year 2017-2018

Average number of research projects per teacher funded by government and non-government agencies during the last five years

Name of Student /Staff	Duration	Nature of the Project(Major projects Minor Projects Interdisciplinary Projects Industry sponsored Projects Projects sponsored by the University/ College Students Research Projects (other than compulsory by the College) International Projects Any other(Specify)	Total grant sanctioned	Name of the funding Agency	Academic year	Department
Dr. P.S.V. Natraj M.M. Deshpande	Dr. 3 Years	Constraint based Design of Controllers and Pre-filters	1692000 INR	Indo French center for promotion of Advance Research	2012-13	Computer Engineering
Dr.(Mrs).S.S.Chaudhari	1 year	IoT enabled Soil Waste Management: A step towards Smart city	25000 INR	Mumbai university	2015-16	Information Technology
Dr V N Pawar	1 Year	Design and simulation of Synthetic Aperture Radar system		Mumbai University	2017-18	E&TC
Dr V N Pawar	1 Year	Smart parking	35,000/- INR	Mumbai University	2017-18	E&TC
Nitin P chawande	1 Year	Indoor Air Quality Monitoring System	21,000/- INR	Mumbai University	2017-18	E&TC
PATIL AMOL GULABRAO	1 year	Synchronization of large complex system	21,000/- INR	Mumbai University	2017-18	E&TC
Dipti D Patil	1 year	Arc Fault Detection in DC Distribution System Using Wavelet Transform	50,000/- INR	University of Mumbai	2017-18	Electrical Engineering
Suruchi Gupta	1 year	Implimentation of DSP based Solar Tracking System	30,000/- INR	University of Mumbai	2017-18	Electrical Engineering
Prof. A.R.Sonule	1 Year	Solar based automated Street light with Human Safety.	40,000/- INR	University Of Mumbai	2017-18	Computer Engineering
Prof. R.C.Suryawanshi	1 Year	Electricity theft detection, prevention and management using IoT and Cloud.	40,000/- INR	University Of Mumbai	2017-18	Computer Engineering
Prof. S.P.Bansu	1 Year	IOT Based Vehicle tracking & Accident Alert System with Alcohol detection and Motor locking.	40,000/- INR	University Of Mumbai	2017-18	Computer Engineering

Prof. S.R.Chunamari	1 Year	Automatic Platform Creation, Detection of Faults in Overhead Wires and Railway Tracks & Bomb Detection System with the help of Embedded Technology and Wireless Networking	30,000/- INR	University Of Mumbai	2017-18	Computer Engineering
Prof.Supriya P Joshi	1 year	Smart Parking System	35,000/- INR	Mumbai university	2017-18	Information Technology
Prof.Varsha Y Bhole	1 Year	Embedded System based Infected Fruit Detection and Fruit Quality Assessment using Computer Vision	50,000/- INR	Mumbai university	2017-18	Information Technology
Prof.Manasi N Deore	1 year	Smart Traffic Control System with Application of IP Techniques	30,000/- INR	Mumbai university	2017-18	Information Technology
Prof. (Mrs.) Ulka M. Shirole	1 Year	Cardiac health Assessment using heart rate Variability Analysis	40,000/- INR	University Of Mumbai	2017-18	Electronics Engineering
Prof.Suresh Pingale	1 Year	Automated Waste Management System	20,000/- INR	University Of Mumbai	2017-18	Instrumentation Engineering
Prof.Priti Ghongade	1 Year	Fractional Order	20,000/- INR	University Of Mumbai	2017-18	Instrumentation Engineering
DR. Arpita Pai	1 Year		28,200/- INR	University Of Mumbai	2017-18	Chemistry
Dr. N. Mahesh	1 Year		30,000/- INR	University Of Mumbai	2017-18	Management
Dipak Marathe	1 Year		26,000/- INR	University Of Mumbai	2017-18	E&TC
Sanjay A. Patil	1 Year		25,000/- INR	University Of Mumbai	2017-18	E&TC