

Walchand Institute of Technology, Solapur
Sponsored Research

Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Received(In Rupees)	Amount received (in words)
	A.V. Thalange	All India Council For Technical Education	Vision based recognition of alphabets in American sign language (ASL) using hybrid methodology of feature extraction tehnique	11- 10/AICTE/RIFD/CA YT/POL-I/2013-14	26/05/2015	297000	Two lakhs ninety seven thousand
	PDR Patnaik	Vedam Labs, Solapur	Automative Web based data logger and interlock system	CER/SPONSOR/20 15/0011	07-01-2015	5000	Five thousand
	S.N.Chamatgoudar	Vedam Labs, Solapur	Smart Thermoelectric based AC for automobiles	CER/SPONSOR/20 16/006	04-07-2016	7000	seven thousand
	S.R. Barbade	Vedam Labs, Solapur	Multimedia LED Projector	CER/SPONSOR/20 15/0016	11-12-2015	4500	Four thousand five hundred
	S.R. Barbade	Vedam Labs, Solapur	Remote Identity Detector using RFID	CER/SPONSOR/20 16/001	07/01/2016	6000	Six thousand
	M. R. Madki	Samrth ColourTech,Sola pur	A Wireless Paint Mixing Robot For Textile Industries	SM/COLTECH/201 5/61	09-07-2015	4000	Four thousand
	M. R. Madki	Jagadale Agro. , Kolhapur	“AGRICON”-Weather Monitoring System	SM/COLTECH/201 5/86	10-07-2015	3500	Three thousand and five hundred
	R.R. Mergu	Vedam Labs, Solapur	Digital Temperature Calibrator	CER/SPONSOR/20 15/0012	10-05-2015	6000	Five thousand
	R.R. Mergu	Vedam Labs, Solapur	Digital Simulator	CER/SPONSOR/20 15/0013	10-05-2015	6000	Six thousand
	S.C. Kalshetti	Industrial Trading Company	Product mark Identification using PLC	ITC/16/40	27-07-2015	15000 *	Fifteen Thousand
	A.S. Gundale	V.M. Medical college Technical support	Portable Muscle Strength measurement	VMM/15/45	05-10-2015	5000 *	Five Thousand

A.S. Gundale	V.M. Medical college Technical support	Integrated continuous blood pressure monitoring and Medical AID System	VMM/15/46	05-10-2015	5000 *	Five Thousand
M.A. Nirgude	Persistent Systems Limited , Pune	"City Pedia Android App"	e-mail from Sachin Telkikar, Associate Executive- HR Dated:16 April 2015	16-04-2015	10,000	Ten Thousand
S.K. Karpe	Abmiro Solutions, Pune	"Dinning and Lodge booking system"	e-mail from Rohan Kore, Co Founder ,Dated:25 August 2015	25-08-2015	15000	Fifteen Thousand
	Abmiro Solutions, Pune	"Voice over Wi-Fi"	e-mail from Rohan Kore, Co Founder ,Dated:25 August 2015	25-08-2015	15000	Fifteen Thousand
Lobo LMRJ	Ilimitech Pvt. Ltd, Solapur	"Online Grocery Management Android "	ILI/OUT/2016/2342	03-02-2016	11000	Eleven Thousand
	Ilimitech Pvt. Ltd, Solapur	"Scan World "	ILI/OUT/2016/1528	12-05-2016	11000	Eleven Thousand
A. S. Naik	Bakale Collection, Solapur	"Online Bakale Collection Fashion World – An Ecommerce Website"	Mail from Jairam bakale , Manager ,Dated:15 March 2016	15-03-2016	9000	Nine Thousand
Anita Pujar	Persistent Systems Limited, Pune	All-in-one College Guide	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	12000/-	Twelve Thousand
Dr. Raj Kulkarni	Persistent Systems Limited, Pune	Home Augomation System	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	20000	Twenty Thousand

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Komal Pardeshi	Global Village Public School	School Database System	GVPS/SPUR/739	14-08-2015	10000	Ten Thousand
Dr. Raj Kulkarni	Persistent Systems Limited, Pune	Car Parking using GPS Route Navigation	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	15000	Fifteen Thousand
Komal Pardeshi	Varad Studio	Booking Of Photographic equipment	VS/OUT/521	29-07-2015	8000	Eight Thousand
Shrinivasan Patnaikuni	Persistent Systems Limited, Pune	Retail Business Intelligence	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	12000	Twelve Thousand
Reshma Attar	Knackk Agencies	Field Force Automation	KnA/2015-16/115	19-08-2015	5000	Five Thousand
Komal Pardeshi	Sai Super Market Pvt. Limited	Ecommerce Website for Home Delivery	SAI/CN/112	12-08-2015	8000	Eight Thousand
Anita Pujar	Ashwini Sahakari Rugnalaya & Research Centre	Ashwini Sahakari Rugnalaya App	Ashwini/SP/753/2015	07-09-2015	14000	Fourteen Thousand
Rajesh Argiddi	Persistent Systems Limited, Pune	Real Time Car Sharing	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	12000	Twelve Thousand
Vishwanath Chavan	Persistent Systems Limited, Pune	Doctors App	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	10000	Ten Thousand

Dattatray Gandhmal	Persistent System Limited, Pune	Smart office using RFID	e-mail from Associate Executive,HR to HEAD CSE department dated 16 April 2015	16-04-2015	12000	Twelve Thousand
Dr. S.S.Kashid	All India Council for Technical Education New Delhi	Prediction of Indian Summer Monsoon Rainfall on 'Homogeneous Monsoon Regions India', based on Large Scale Atmospheric Circulation Patterns and Local Meteorological Inputs using Genetic Programming	8-197/RIFD/RPS/Policy-1/2014-15	13/8/2015	1888200	Eighteen lakh eighty eight thousand two hundred
Dr.S.A.Halkude	All India Council for Technical Education New Delhi	Seismic behaviour of building frames considering soil structure interaction'	20/AICTE/RIFD/RPS(POLICY-III)33/2012-13	23/4/ 2013	33000	Thirty Three Thousand
Dr.B. B. Deshmukh R. D. Mistry	ANSYS Software Pvt. Ltd	Design, development and manufacturing of Braking System of FSI Car	Voucher No. 605070 dated 1 October 2014	10-01-2014	74874	Seventy four thousand eight hundred seventy four
R. D. Mistry		Design, Analysis And Manufacturing of steering and suspension system for FSI car				
R. D. Mistry		Development of engine and powertrain of FSI Car				
S.G.Mirji		Design and Manufacture of Fuselage of FSI Car				
H.R.Madral		Design and Manufacture of chassis of FSI car				
N.R. Tambake		Design and manufacturing of Uprights of FSI car				
Dr.P.R.Kulkarni		Design And Analysis of Mango Juice Extractor				

A.N.Surde	TATA Technologies	Design And Analysis of Automatic Seed Drill	Email from Sachin Shrotri, TATA Technologies, dated 29 February 2016	29/02/2016	*833754	Eight lakh thirty three thousand seven hundred fifty four
S.S.Bansode		Design And Analysis of Mulching Paper Laying And Punching Machine				
C.L.Rathod		Design And Analysis of Bending Machine				
S.B.Harsur		Design And Analysis of Automatic Feed For PVC Pipes				
V.D.Sathe		Design and Analysis of Hydraulic Attachment For Tensile Testing Machine				
Nagesh Tambake	Laxmi Hydraulics Pvt.Ltd.	Stress Analysis of Output Flange For The Given Power Transmission of Screw Conveyer	Email from Prabhakar Pawar, LHP, dated 31 May 2016	31/5/2016	*40000	Forty Thousand
A V Thalange	All India Council For Technical Education	Vision based recognition of alphabets in American sign language (ASL) using hybrid methodology of feature extraction tehniqe	11-10/AICTE/RIFD/CAYT/POL-I/2013-14	30/06/2014	182000	One lakh twenty one thousand
R.R. Mergu	Shruti Engineers,Solapur-	Quadcopter	SHE/OTHERS/2015-16/04	13/09/2015	18,500	Eighteen thousand five hundred
Dr.R.R. Dube	Cubez Technocrafts Pvt. Ltd, Pune	Embedded Web Server Security System using Rasberry Pi	CU/SPON/2014/223	09-02-2014	9000	Nine thousand
Dr.R.R. Dube	Yajurvedi Hospital, Solapur	Wireless Measurement of Patients Parameters	YUJ/HOSP/2015/45	03-12-2015	10000	Ten thousand
Dr.R.R. Dube	NXG Embedded, Pune-	Smart Phone based Device Control with High Alert Security Message	NXG/EMB/2015/332	02-12-2015	13000	Thirteen thousand

Dr.R.R. Dube	Vishwakarma Electrical Industries, Jalana	Solar Power Based Automatic Irrigation system	VIS/ELEC/2015/4561	13/04/2015	16000	Sixteen thousand
S.R. Barbade	Rajiv Gandhi memorial blind school, solapur	Blind Navigation with Audio Guidance and GPS system	RAJ/MEM/2014/40	18/08/2014	14000	Fourteen thousand
S.R. Barbade	Gaman automobiles, Solapur	Head Light Intensity Controller Design Using Wireless Sensors (HIC-WSN)	GAM/AUTO/2015/21	15/03/2015	4000	Four thousand
S.R. Barbade	Electrotech Systems,Pune	Eye Tracking Based Driver Consciousness Monitoring and Warning System	ELE/TECH/2015/13	16/03/2015	6000	Five thousand
A.V. Thalange	Vedam Labs, Solapur	Wireless Controlled Robotic Arm	CER/SPONSOR/2015/0017	26-09-2014	16000	Sixteen thousand
A.V. Thalange	Solar Electronics, Solapur	Solar Water Purifier & Heater based on Solar Photo Voltaic and Photo Thermal Hybrid System	SUR/15K04/063	17/04/2015	25000	Twenty five thousand
A.V. Thalange	Shri Markandey Sahakari Solapur Rughalay,Solapur	Ambulance Tracking with Patient Health Monitoring	MARK/RUGN/2014/32	26/08/2014	21000	Twenty one thousand
P.Y. Kumbhar	Green FM - 90.4, Radio Station, Sangali	Glove Mouxe	FM/SPONSOR/2014/56	30/08/2014	15000	Fifteen thousand
S.U. Bagadi	Shri Markandey Sahakari Solapur Rughalay,Solapur	Image Processing Based adaptive Traffic Control system	MARK/RUGN/2014/32	26/08/2014	9000	Nine thousand
S.U. Bagadi	Vandre Transport, Sangali	Vehicle Tracking Using GSM and GPS- An Antitheft System	VEN/TRANS/2015/15	15/04/2015	18000	Eighteen Thousand

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PDR Patnaik	Vedam Labs, Solapur	Android Based Home Automation Using Rasberry Pi with Comprehensive Feedback	CER/SPONSOR/2014/0010	30/08/2014	16000	Sixteen thousand
PDR Patnaik	Niraj International, Parbhani	Remote Camera View Control with Face Detection Using Open CV	NIR/INT/2015/34	04-12-2015	20000	Twenty thousand
PDR Patnaik	Vedam Labs, Solapur	Android Based Home Automation Using Rasberry Pi with Comprehensive Feedback	CER/SPONSOR/2014/0011	30/08/2014	16000	Sixteen thousand
PDR Patnaik	Vedam Labs, Solapur	Android Based Home Automation Using Rasberry Pi with Comprehensive Feedback	CER/SPONSOR/2014/0008	30/08/2014	16000	Sixteen thousand
R.J. Shelke	ARM University Alliance Program and Eduvance	Projects based on ARM Mbed Platform such as Agricultural Robot, Remote Data Acquisition	Email on 16/3/2015	01-06-2015	20,000	Twenty thousand
A.S. Gundale	Texas Instruments	Projects based on PANDA Platform such as Gesture Recognition, Device drivers for PANDA	VM/14/40	10-07-2014	10,000	Ten Thousand
S.B. Jamge	Cypress Semiconductors	Projects based on PSoC 3 & PSoC 5 platforms such as Tablet Metal Detector, Speed Control of 3 Phase Induction Motor, Home Automation	REANU/15/205	30-06-2015	5000	Five Thousand
Dr. S.R. Gengaje	Reanu Microelectronics, Pune	PSoC-3 Based Home Appliance Control System	REANU/15/167	26-12-2014	5000	Five Thousand

B.D. Shejal	Autinno Enterprises, Pune	Foot Step Power Generation by Human Locomotive Motion	ATTN/2015/105	13-02-2015	10,000	Ten Thousand
R.J. Shelke	Perpetual InfoTech, Pune	Anti-collision System for Railway using Zigbee	TS187/52	01-09-2014	10,000	Ten Thousand
S.K. Karpe	Persistent System Limited , Pune	“Sentiment Analysis of Tweets”	e-mail from Sachin Telkikar, Associate Executive - HR, Dated: 22 July 2014	22-07-2014	10000	Ten Thousand
Dr. Raj Kulkarni	Persistent Systems Limited, Pune	Restaurant Order Management System	e-mail from Associate Executive,HR to HEAD CSE department dated 22 July 2014	22-07-2014	10000	Ten Thousand
Dr. Raj Kulkarni	Persistent Systems Limited, Pune	A Distibuted Cache for HDFS	e-mail from Associate Executive,HR to HEAD CSE department dated 22 July 2014	22-07-2014	14000	Fourteen Thousand
Savita Paliwal	Persistent Systems Limited, Pune	Contact Centre	e-mail from Associate Executive,HR to HEAD CSE department dated 22 July 2014	22-07-2014	8000	Eight Thousand
Vishwanath Chavan	Persistent Systems Limited, Pune	Electricity Bill Geneartion and Online Payment	e-mail from Associate Executive,HR to HEAD CSE department dated 22 July 2014	22-07-2014	15000	Fifteen Thousand

Komal Pardeshi	National Railway Majdoor Union, Divisional Office, Solapur	Rail Road Workers Union	RAIL/UN/255	28-07-2014	15000	Fifteen Thousand
Komal Pardeshi	Suyog Netralaya, Solapur	Wireless Healthcare System	SUN/2014-15/352	19-08-2014	10000	Ten Thousand
Dr.S.A.Halkude	All India Council for Technical Education New Delhi	Seismic behaviour of building frames considering soil structure interaction'	20/AICTE/RIFD/RPS(POLICY-III)33/2012-13	23/4/ 2013	33000	Thirty Three Thousand
Prof. C.G.Konapure	Mangalore Minerals PVT Ltd.	Effect of Industrial Waste Foundry Sand on Concrete	Letter from Abhay Desmukh Plant Head, M/s Mangalore Minerals Pvt Ltd, MIDC Solapur Dated 1/1/2014	01-01-2014	25000	Twenty Five Thousand
Dr. S.S.Patil	Rudrali Hitech Tools Pvt. Ltd.	Use of coupler splices for reinforcement	E- mail from Sanjay Gupta, MD, Rudrali Hi Tech Tools Pvt Ltd, Solapur, Dated: 5/8/2014	08-07-2014	25000	Twenty Five Thousand
Dr. S.S.Patil	Gubbi Constro Chem Pvt. Ltd.	Use of Various SuperPlastisizer And Their Sutability for High Strength Concrete	E -mail from Siddheshwar Jamma, MD, Gubbi Constro Chem Pvt. Ltd., Mumbai, Dated: 8/2/2014	04-08-2014	5000	Five Thousand
Dr. S.S.Patil	Kirloskar Ferrous Industries Ltd.Hodgiroad, solapur.	Use of foundry sand as construction material	KFIL/HR/2014 Dated 4/2/2014	31/7/2014	5000	Five Thousand
Dr. S.S.Patil	Gubbi Constro Chem Pvt. Ltd	Evaluation of Mechanical Properties of Rice Husk Ash Concrete	Letter from Siddheshwar Jamma, MD, Gubbi Constro Chem Pvt. Ltd., Mumbai, Dated: 6/7/2015	07-06-2015	5000	Five Thousand
	Solapur Automotive	Thermally insulated food warmer system	Cheque dated 1 October 2014 from			

A. B. Ankulkar	Automotive Racing Association	Multi-spindle drilling attachment for radial drilling machine	October 2014 from Solapur Automotive Racing Association	10-01-2014	15000	Fifteen Thousand
P. G. Chitte	AICTE Modrobs	Static and vibration Analysis of Six Axis an Aristo Robot using ANSYS	REL. NO. 12/AICTE/RIFD/MOD/Policy/4Pvt	07-10-2013	1780000	Seventeen Lakh Eighty Thousand
A.V. Thalange	All India Council For Technical Education	Vision based recognition of alphabets in American sign language (ASL) using hybrid methodology of feature extraction tehniqe	11-10/AICTE/RIFD/CAYT/POL-I/2013-14	26/11/2013	61000	Sixty one Thousand
Dr. S.K. Dixit / Dr. R. R. Dube	All India Council For Technical Education	Enhancemnt of UML 2.0 Profile for Real Time Embedded Systems	20/AICTE/RIFD/RP S(POLICY-IV)/28/2012-13	18/03/2013	539584	Five lakhs thirty nine thousand five hundred and eighty four
Dr. Dixit S.K.	Sathe Engg. Company, Solapur	Wireless Scrolling Display	SS.PROJ/13817.1	17/08/2013	3000	Three thousand
Dr. Dixit S.K.	Orb Energy Pvt. Ltd., Solapur	Wireless Street Light Intensity Control Using Solar Power	ORB/SUL/02K14/51	02-08-2014	4000	Four thousand
Dube R. R.	Sathe Engg. Company, Solapur	Voice Recognition Based Automatic Wheelchair	SS.PROJ/13725/1	25/07/2013	7000	Seven thousand
A.V. Thalange	N-Sys Technologies, Pune	Hotel Automation System	TC/TS/SL/2013/14	08-03-2013	4500	Four thousand and Five hundred
R. M. Patil	UDATA Plastic Packaging C, Solapur	Power Saving For Packaging Tape Industry.	Ref. No. 24/470	19/04/2014	6000	Six thousand
R.M. Patil	ACTEL	Projects based on ACTEL platforms such as Serial Communication protocol development	BS/14/3112	15-04-2014	10,000	Ten Thousand
Dr. S.R. Gengaje	Siva Systems Pvt. Ltd	Programmable System on Chip (PSoC) Based Tablet Metal Detector	SSP/13/1154	24-08-2013	5000	Five Thousand

2013-14

S.B.Jamge	Parshwa Infosolutions Pvt. Ltd. Jaysingpur	Speech Controlled Windows Application	PIPL/13/257	18-09-2013	10,000	Ten Thousand
B.D.Shejal	Cubez Technocrats Pvt. Ltd. Pune	Intelligent Library System	CTPL/13/192	20-12-2013	10,000	Ten Thousand
P N Kathavate	Persistent System Limited , Pune	"College Attendance System"	e-mail from Sachin Telkikar, Associate Executive - HR ,Dated: 1 August 2013	01-08-2013	8000	Eight Thousand
V.D.Chavan	Persistent Systems Limited, Pune	Campus Share	e-mail from Associate Executive,HR to HEAD CSE department dated 1 August 2013	01-08-2013	8000	Eight Thousand
S.B.Aher	Persistent Systems Limited, Pune	Five Factor Authentication for Android Client Against Active Directory	e-mail from Associate Executive,HR to HEAD CSE department dated 1 August 2013	01-08-2013	15000	Fifteen Thousand
Dr.S.A.Halkude	AICTE ,NEW DELHI	Seismic performance of building frame considering soil structure interaction using Shake Table	20/AICTE/RIFD/RPS(POLICY-III)33/2012- 13	23/4/ 2013	2323000	Twenty Three Lakh Twenty Three Thousand
Dr. S.S.Patil	Kasturi Metals Pvt.Ltd., Amravati	Experimental study on behavior of fiber reinforced concrete deep beam	MoU dt.January 12, 2013.	01-12-2013	2000	Two Thousand
S.K.Kulkarni	Kasturi Metal Composites, Amaravati	Experimental study of Shear Strength and behaviour of R.C. Deep beams after replacement of shear reinforcement by 0.2% steel fibers and 0.1% Polypropylene fibers.	MoU dt.January 12, 2013.	01-12-2013	10000	Ten Thousand

* Indiacates the consideration towards utilisation of facility & services of sposoring industry