

## Sponsored Research Projects

Sr. No.	Name of the Project	Name of Principal Investigator/ Co-PI	Department of PI	Year of Award	Name of Funding Agency
1	Speech Enhancement by adaptive filtering using FPGA Implementation	Dr.R.D.Kharadkar	E & Tc. Engg.	2009-10	Board of College and University Development (BCUD), SP PU
2	Experimental investigation of flow behaviour of falling film on horizontal tubes	Mr. N.U. Korde	Mechanical Engineering	2009-10	Board of College and University Development (BCUD), SP PU
3	Control and observation of DC Drives by Sliding Modes	Mr.V.M.Panchade	Electrical Engg.	2011-12	Board of College and University Development (BCUD), SP PU
4	Development of Test-bench for analysis of Ad-hoc Network.	Mr. A.D.Bhoi	E & Tc. Engg.	2011-12	Board of College and University Development (BCUD), SP PU
5	“Statistical Modelling of Image & Video in Wavelet Domain”	Mr. A.L.Wanare	E & Tc. Engg.	2011-12	Board of College and University Development (BCUD), SP PU
6	A decision making framework using Advanced change detection technique in satellite Images	Ms. R. P. Jadhav	Information Technology	2012-13	Board of College and University Development (BCUD), SP PU
7	Classification of Students using incremental & adaptive learning program mapping system.	Mrs. Roshani Ade	Computer Engg.	2012-13	Board of College and University Development (BCUD), SP PU
8	Development and analysis of solar powered cooling system for domestic applications	Mr. A.M.Thakare	Mechanical Engg.	2013-14	Board of College and University Development (BCUD), SP PU
9	Development & implementation of RC4 stream cipher for security improvement	Mr. N. B.Hulle	E & Tc. Engg.	2013-14	Board of College and University Development (BCUD), SP PU
10	Plug & play control area network based system	Mr. A M Bongale / Ms. Meenu Gupta	E & Tc. Engg.	2013-14	Board of College and University Development (BCUD), SP PU
11	Design and implementation of Modified radix $2^5$ fft processor	Mrs. Y.D.Borole	E & Tc. Engg.	2013-14	Board of College and University Development (BCUD), SP PU

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12	Experimental investigation of Adaptive filter speech extraction for speech	Mrs. M R Bachute	E & Tc. Engg.	2013-14	Board of College and University Development (BCUD), SP PU
13	Criminal Photograph Retrieval based on Forensic Face Sketch using LFDA	Ms. Sonali Sonavane	Information Technology	2016-17	Board of College and University Development (BCUD), SP PU
14	Aluminium doped ZnO gas transparent conducting oxide doping & surface modification	Dr.Darshana Inamdar	First Year Engg.	2016-17	Board of College and University Development (BCUD), SP PU
15	" Efficient Multihop Communication using N-PMIPv6 for secure & Billing Scheme in VANET"	Ms. Disha Deotale	Computer	2016-17	Board of College and University Development (BCUD), SP PU
16	Design and development of Gokart vehicle	Mr. N.U. Korde	Mechanical Engineering	2013-14	G.H. Rasoni Institute of Engineering & Technology, Pune
17	Design and development of Solar vehicle	Ms. S.A. Pokharkar	E & Tc. Engg.	2017-18	G.H. Rasoni Institute of Engineering & Technology, Pune
18	Development of Aakash Lab in association with IIT Bombay, Mumbai	Mr. N.B. Hulle	E & Tc. Engg.	2011-12	Indian Institute of Technology, Bombay, Mumbai
19	Development of A-View Interaction in association with IIT Bombay, Mumbai	Mr. N.B. Hulle	E & Tc. Engg.	2013-14	Indian Institute of Technology, Bombay, Mumbai
20	Research Project for HACKATHON	Ms. S.A. Pokharkar	E & Tc. Engg.	2016-17	G.H. Rasoni Institute of Engineering & Technology, Pune
21	Modeling and performance evaluation of a software defined photonics radars	Dr. A.S. Shendage	Electrical Engg.	2017-18	DST, New Delhi