

**BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY)
COLLEGE OF ENGINEERING, PUNE 411043**



Summary of Research Projects/Grants

Sr. No.	Academic Year	No. of Projects	Total Funding
1.	2017-18	01	₹33.72 Lakh
2.	2016-17	11	₹46.85 Lakh
3.	2015-16	13	₹30.59 Lakh
4.	2014-15	04	₹61.89 lakh
5.	2013-14	04	₹12.78 lakh
6.	2012-13	02	₹26.5 Lakh
7.	2011-12	05	₹7.40 Lakh
Total		40	₹219.73 lakh

ACADEMIC YEAR 2017-18

Sr. No	Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
1.	Dr. Yogesh J Chendake	Charged graphite nanoplateletes anchored ultra-filtration membranes for separation of heavy metals.	DST Nano-mission	13/03/2018	Ongoing	Rs. 33,72,000/-

ACADEMIC YEAR 2016-17

Sr. No	Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
1.	Prof. Dr. Suhas H. Patil	Survivable Sparse Traffic Grooming Methodologies for Optical WDM Mesh Network for Dynamic Traffic with Load Balancing	TEQIP-II	10/01/2017	Ongoing	Rs.2.98 lakh
2.	Prof. Dr. Milind R. Gidde	Performance Evaluation of Ocimum Sanctum(Tulsi) and Azadirachta Indica(Neem) as Water Disinfectants	TEQIP-II	10/01/2017	Ongoing	Rs.2.96 Lakh
3.	Prof. Dr. Sunita M. Jadhav	Photocatalytic and Sonophotocatalytic Degradation of Organic Pollutants under Visible Light	TEQIP-II	10/01/2017	Ongoing	Rs.2.98Lakh
4.	Prof. Dr. Salim J. Attar	Studies in waste water treatment with reference to advanced oxidation processes	TEQIP-II	10/01/2017	Ongoing	Rs.2.98Lakh

5.	Prof. Dr. Deepak S. Bankar	Study of Suitability of Different Generators and its Power Quality Analysis for Wind Power Applications	TEQIP-II	10/01/2017	Ongoing	Rs.2.97 Lakh
6.	Prof. Dr. Vidula Sohoni	Study of Flow Around Bridge Pier	TEQIP-II	10/01/2017	Ongoing	Rs.2.97 Lakh
7.	Prof. Dr. Prakash V. Chavan	Biobutanol: Valorization of Agricultural Waste To Biofuel	TEQIP-II	10/01/2017	Ongoing	Rs.2.99 Lakh
8.	Mrs. Anagha Rahul Soman	Analysis of Dual Stator Cage Rotor Induction Machine	TEQIP-II	10/01/2017	Ongoing	Rs.2.98 Lakh
9.	Mr. Rajesh M. Holmukhe	Development of Ultracapacitor based Electric Vehicle System	TEQIP-II	10/01/2017	Ongoing	Rs.2.99 Lakh
10.	Prof. Dr. Sachin S. Chavan	Fabrication of dye sensitized solar cell using TiO ₂ nanofibres	TEQIP-II	10/01/2017	Ongoing	Rs.2.99 Lakh
11.	Dr. Sandip Bankar	Bioprocessing of biofuels	Department of Science and Technology, INSPIRE Faculty Award	12/9/2016	June 2017	Rs. 17.06 Lakh
Total						Rs. 46.85 Lakh

ACADEMIC YEAR 2015-16

Sr. No	Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date/Year of completion	Total outlay of the project
1.	Mr. Naveenkumar Jayakumar	Utilizing video compression and decompression algorithm on video rendering during upload and download time using J2ME RMI	BVDU PUNE	20/5/2015	2016-17	33,000/-
2.	Mr. Sudhir A. Kadam	Android based wireless communication	BVDU PUNE	20/5/2015	2016-17	28,699/-
3.	Mrs. Deepali R. Kulkarni	Effect of permeability of permeable spur on the velocity and the dampening of velocity	BVDU PUNE	20/5/2015	2016-17	35,000/-
4.	Mr. Mahesh J Patil	Load distribution analysis of hybrid (bolted and bonded joints)	BVDU PUNE	20/5/2015	2016-17	30,000/-
5.	Mr. Suyog Subhash Hirve	Single phase ball milling machine and its analysis on super capacitor	BVDU PUNE	20/5/2015	October 2018	37,460/-
6.	Mrs. Anagha Rahul Soman	Design and development of Dual stator cage rotor Induction machine	BVDU PUNE	20/5/2015	2016-17	30,000/-
7.	Dr. Yogesh J Chendake	Preparation of Ultrafiltration (UF) membranes with high flux and low molecular weight cut off for	BVDU PUNE	20/5/2015	2016-17	32,000/-

		applications in dairy and pharmaceutical industries				
8.	Prof. Amol A. Kadam	Design software testing laboratory using functional point analysis and test point analysis (SRGM) for reduces the maintains cost	BVDU PUNE	20/5/2015	2016-17	40,000/-
9.	Dr.Yogesh J. Chendake	Preparation of ultrafiltration of membranes with precise control on pore morphology and permeation characteristics for water treatment application.	TEQIP-II	25/11/2015	30/3/2018	2.75lakh
10.	Dr. J.S.Chitode Mrs. M.V. Patil	Dual transform based digital audio watermarking for copyright protection	TEQIP-II	24/11/2015	2016-17	2.83 Lakh
11.	Dr. K.B. Sutar	Experimental investigation on performance of four biomass cookstoves	TEQIP-II	25/3/2016	April 2] 018	3.00 Lakh
12.	Mr. Nachiket A.Kulkarni	Application of enhancement of CLOUD computing technique electrical grid to improve grid performance	TEQIP-II	25/3/2016	June 2017	2.70 Lakh
13.	Dr. Sandip Bankar	INSPIRE Faculty Award	Department of Science and Technology	29 /12/2015	June 2017	16.65 Lakh
	TOTAL	Rs. 30.59 Lakh				

Academic Year 2014-15

Sr. No	Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
1	Dr. P. V. Chavan	A novel solid-liquid circulating fluidized bed reactor: Hydrodynamic and Mixing studies	Science and Engineering Research Board	14 July 2014	August 2017	Rs. 28.04 lakh
2	Dr. Sandip Bankar	INSPIRE Faculty Award	Department of Science and Technology	28 July 2014	June 2017	Rs. 19.00 lakh
3	Dr. S.D. Joshi	Design of software Testing Laboratory Using Software Reliability growth Model with concurrent SDLC	UGC Grant	22 December 2014	Ongoing	11.85 lakh
4	Prof. N.T. Markand	Computer aided design of circular micro strip patch antenna	TEQIP II	5 March 2015	Aug.2015	3 lakh
	Total			61.89lakh		

Academic Year 2013-14

Sr. No	Name of Principal investigator	Title of the project	Sponsorin g Agency	Date of commence -ment	Date of completi on	Total outlay of the project
1	Mrs. S.M. Jadhav	Study of removal /degradation of organic pollutants using hybrid techniques	Project seed money under TEQIP-II	Oct. 2013	Dec. 2014	2.4 lakh
2	Dr. P. V. Chavan	Synthesis using Esterification reaction	TEQIP-II	Oct. 2013	Sept. 2014	2.20 lakh
3	Mr. D. S. Bankar	Study of dynamic behavior of the doubly fed induction generator used in wind power application under grid fault condition	Project seed money under TEQIP-II	Oct. 2013	Jan. 2015	2.98 lakh
4	Mr. S. S. Chavan Dr. Anand Bhalerao	Synthesis of Polyimide 66 Nanofibres by using electrospinning method with different densities on the glass fabric to increase the compressive strength of the composite.	DRDO, R&DE	June 2013	June 2015	5.20 lakh
Total		12.78 lakh				

Academic Year 2012-13

Sr. No	Name of Principal investigator	Title of the project	Sponsorin g Agency	Date of commence -ment	Date of completio n	Total outlay of the project
1	Prof. R. N. Patil	Modernization of Metrology and Quality Control Lab	AICTE MOBROB S	Feb 2013	2014-15	13.0 lakh
2	Mr. M. A Kadam	Modernization of Thermal lab	AICTE MOBROB S	Jan 2013	2014-15	13.5 lakh
Total		26.5 Lakh				

Academic Year 2011-12

Sr. No	Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
1.	Mrs. K. S. Kulkarni	Sequestration of CO ₂ from industrial combined heat and power plant by evolution of solid sorbents as a retrofit technology.	AICTE-RPS	Feb 2012	June 2015	5,30,000/-
2.	Prof P. V. Jadhav	An Experimental analysis of Pulse Electrochemical Machining	Institute of Engineers , India(IEI) – Research and Development Grant	August 2011	August 2012	60,000/-
3.	Prof. D. G. Kumbhar	Heat Transfer Enhancement of a heat exchanger using Dimpled tube and twisted tapes	BVDU Pune	5 th Dec 2011	Dec 2014	50, 000/-
4.	Prof. M. A. Kadam	Heat transfer and geometrical considerations in solar parabolic through collector	BVDU Pune	5 th Dec 2011	Dec 2014	50, 000/-
5.	Prof. V. R. Thombare	Cavitation Spillways	BVDU Pune	3 rd March 2012	Dec 2014	50, 000/-
	Total	7.40 Lakh				