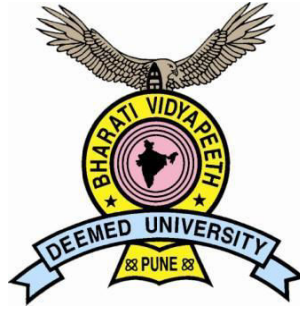


**BHARATI VIDYAPEETH DEEMED UNIVERSITY
COLLEGE OF ENGINEERING, PUNE-43**



Summary of Research Projects/Grants

Sr. No.	Academic Year	No. of Projects	Total Funding
1.	2015-16	15	33.81 Lakh
2.	2014-15	05	61.89 Lakh
3.	2013-14	04	12.78 Lakh
4.	2012-13	02	26.5 Lakh
5.	2011-12	07	8.40 Lakh
6.	2010-11	05	32.26 Lakh
7.	2009-10	NIL	NIL
8.	2008-09	01	5 Lakh
9.	2007-08	NIL	NIL
10.	2006-07	12	52.808 Lakh
11.	2005-06	04	26.5 Lakh
12.	2004-05	01	29.2 Lakh
Total			293.154 Lakh

ACADEMIC YEAR 2015-16

Sr. No	Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date 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	Ongoing	33,000/-
2	Mr. Sudhir A. Kadam	Android based wireless communication	BVDU PUNE	20/5/2015	Ongoing	28,699/-
3	Mrs. Pranjali V. Mane	Various parameters influencing the behavior of the RC columns wrapped with GFRP sheets under eccentric loading	BVDU PUNE	20/5/2015	Ongoing	37,500/-
4	Mrs. Deepali R. Kulkarni	Effect of permeability of permeable spur on the velocity and the dampening of velocity	BVDU PUNE	20/5/2015	Ongoing	35,000/-
5	Mr. Mahesh J Patil	Load distribution analysis of hybrid (bolted and bonded joints)	BVDU PUNE	20/5/2015	Ongoing	30,000/-
6	Mr. Suyog Subhash Hirve	Single phase ball milling machine and its analysis on super capacitor	BVDU PUNE	20/5/2015	Ongoing	37,460/-
7	Mrs. Anagha Rahul Soman	Design and development of Dual stator cage rotor Induction machine	BVDU PUNE	20/5/2015	Ongoing	30,000/-
8	Dr. Yogesh J Chendake	Preparation of Ultrafiltration (UF) membranes with	BVDU PUNE	20/5/2015	Ongoing	32,000/-

		high flux and low molecular weight cut off for applications in dairy and pharmaceutical industries				
9	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	Complete	40,000/-
10	Dr. Satchidaanand R Satpute	PbS nanoparticle synthesis using micro reactor with green surfactant.	BVDU PUNE	20/5/2015	Ongoing	30,000/-
11	Dr. Debnath Bhattacharyya	Automatic Human recognition system using Image classification	Sungshin Womens University South Korea	12/11/2015	Ongoing	19.20 Lakh (2dec Usd Rate 55) (5000usd Per 2 Months For 3 Years)
12	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	Ongoing	2.75lakh
13	Dr.J.S.Chitode Mrs. M.V. Patil	Dual transform based digital audio watermarking for copyright protection	TEQIP-II	24/11/2015	Ongoing	2.83 Lakh
14	Dr.K.B.Sutar	Experimental invistigation on performance of four biomass cookstoves	TEQIP-II	25/3/2016	Ongoing	3laks
15	Mr.Nachiket A.Kulkarni	Application of enhancement of CLOUD computing	TEQIP-II	25/3/2016	Ongoing	2.70 Laks

		technique electrical grid to improve grid performance				
	TOTAL	33.81 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	Ongoing	Rs. 28,04,640/-
2	Dr. Sandip Bankar	Inspire Faculty Award	Department of Science and Technology	28 July 2014	Ongoing	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 14-15	Ongoing	11.85 lakh
4	Prof.N.T.Mark and	Computer aided design of circular micro strip patch antenna	TEQIP II	5 March 2015	Completed 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 completio n	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	Completed 2013-14	2.4 lakh
2	Dr. P. V. Chavan	Synthesis using Esterification reaction	TEQIP-II	Oct. 2013	Completed 2013-14	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	Completed 2014-15	2.98 lakh
4	Mr.S.S.Chavan	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	Completed 2014-15	5.20lakh
	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
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1	Prof. R. N. Patil	Modernization of Metrology and Quality Control Lab	AICTE MOBROBS	Feb 2013	Completed 2014-15	13.0 lakh
2	Mr. M. A Kadam	Modernization of Thermal lab	AICTE MOBROBS	Jan 2013	Completed 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	Completed in 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	Completed August 2012	60,000/-
3	Dr. S. M. Shendokar	Multi Scale characterization and development of bio-functionalized nanofibers.	BVDU Pune	5 th Dec 2011	ongoing	50, 000/-
4	Prof. D. G. Kumbhar	Heat Transfer Enhancement of a heat exchanger using Dipled tube and twisted tapes	BVDU Pune	5 th Dec 2011	ongoing	50, 000/-
5	Prof. M. A. Kadam	Heat transfer and geometrical considerations in	BVDU Pune	5 th Dec 2011	ongoing	50, 000/-

		solar parabolic through collector				
6	Prof. V. R. Thombare	Cavitation Spillways	BVDU Pune	3 rd March 2012	ongoing	50, 000/-
7	Prof. P. T. Nimbalkar	Incipient motion condition of nonuniform sediment in alluvial rivers	BVDU Pune	3 rd March 2012	ongoing	50, 000/-
	Total					8,40,000/-

Academic Year 2010-11

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. A. R. Bhalerao	“Manufacturing of panels of plain and complex shapes using composite materials and Nano Fibers (Electrospinning Method) by VARTM Process”	DMSRD E/ DRDO Kanpur	December 2010	Completed in Sept. 2013	10 Lakh
2	Dr. S. H. Patil	Integrated rogue access point detection system in wireless network.	AICTE Research Promotion Scheme	March 2011	Completed in March 2013	4.5 Lakh
3	Dr. Sunita Jadhav	Degradation of organic pollutants using acoustic cavitation	BVDU, Pune	June 2010	Completed in 2011-12	2.66 lakh

Grant –in –aid

Name of department involved	Title of the Grant	Sponsoring Agency	Date	Total outlay of the grant
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Department of Electronics Engineering for B.E. in Biomedical Engineering	Innovative Programme-teaching and research in Interdisciplinary and emerging areas during X plan	UGC, New Delhi	Feb 2011	Rs. 8,47,282/-
Department of Electronics Engineering for B.E. in Biomedical Engineering	Innovative Programme-teaching and research in Interdisciplinary and emerging areas during X plan	UGC, New Delhi	Feb 2011	Rs. 6,63,050/-

ACADEMIC YEAR 2009-10

Nil

ACADEMIC YEAR 2008-09

Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
Prof. P.V.Chopade	MODROBS	AICTE	2008-09	Ongoing	5lakh
	Total				5lakh

ACADEMIC YEAR 2007-08

NIL

ACADEMIC YEAR 2006-07

Name Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
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Prof. S. T. Patil	High Non-Stationary EEG Analysis Using Wavelets	AICTE-RPS	Aug 2006	September 2007	Rs. 2.15lakh
Prof. S. J. Attar	Studies on Continuous fixed bed adsorption column for the removal of fluoride and Trace organics from groundwater	A.I.C.T.E. (RPS)	February 2007	2009-10	Rs.5.75 lakh
Prof. S.J.Attar	MODROBS	AICTE	Feb 2007	May 2009	Rs12 lakh
Prof. Mrs. A. A. Shinde	Fiber Optic sensors in biomedical applications	IEI, Kolkata	June 2006	December 2007	Rs. 50,000/-
Prof. J. S. Chitode	Newspaper reader for blind people	IEI, Kolkata	June 2006	December 2007	Rs.20,000/-
Dr. D. S. Bilgi	Enhancement of surface finish of electrochemically drilled deep hole	DST (SERC scheme)	August 2006	Completed	Rs. 21.54 Lacks
Prof. S. T. Patil	Brain Computer Interface	AICTE-RPS	February 2007	April 2009	Rs.4. 6 lakh
Prof. S. C. Shilwant	Modernization of Metallurgy Laboratory	AICTE MODROBS	February 2007	February 2008	Rs.5.3 lakh
Prof. H. G. Deshpande	Microprocessor based Phasor Group Testing of Three Phase Transformer	Mahati Electrics	October 2006	March 2007	Rs. 20,000/-
Prof. Mrs. J. V. Satre	Microprocessor controller based traffic control using nail arrangement with FSK	IEI, Kolkata	October 2006	March 2007	Rs. 25,000/-
Hinge.G.V	Conservation of Water in Sprinkler Irrigation Using Irrrometer	Ballal Irrigation Systems	July 2006	May 2007	Rs. 25,000
Prof. H.G.	Automation of	Institute of	July 2006	April 2007	Rs. 6,800

Deshpande	electrical switches using Micro controller	Engineers(I) Calcutta			
	Total				52.808 lakh

ACADEMIC YEAR 2005-06:

Name of Principal investigator	Title of the project	Sponsoring Agency	Date of commencement	Date of completion	Total outlay of the project
Prof. S. B. Wadkar	MODROBS Heat Engines Laboratory	AICTE, New Delhi	July 2005	March 2007	Rs.10.0 Lakh
Prof. Mrs. Veena A. Shinde	Phase Equilibria Studies for Multicomponent Systems	AICTE) (Career Award for Young Teachers)	January 2006	December 2012	Rs.10.5 lakh
Prof. Mrs. V. S. Sohoni,	Modernization of environment engineering laboratory	AICTE, New Delhi	Feb 2006	December 2008	Rs. 6 lakh
Prof. H. G. Deshpande	Microprocessor controller based traffic control using nail arrangement with FSK	IEI, Kolkata	July 2005	March 2006	Rs. 3400/-
	Total				26.5 lakh

ACADEMIC YEAR 2004-05 :

Grant –in -aid

Name of department involved	Title of the Grant	Sponsoring Agency	Date	Total outlay of the grant
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Department of Electronics Engineering for B.E. in Biomedical Engineering	Innovative Programme-teaching and research in Interdisciplinary and emerging areas during X plan	UGC, New Delhi	Sept 2004	Rs. 29,20,000/-
	Total			29.2 lakh