

## Research committee report 2015-16

### Committee Members

1.	Dr. P.C. Akkiraju	Chairman
2.	Dr. K. J. Salunke	Member
3.	Dr. S. R. Kuchekar	Member
4.	Dr. S. S. Pandit	Member
5.	Dr. N.D.Sali	Member
6.	Dr. B. A. Pawar	Member
7.	Dr. N. M.Patil	Member
8.	Dr. G. M. Pondhe	Member
9.	Prof. R. A. Pawar	Member

The research committee has actively engaged in the institutes research and extension activities during the academic year 2015-16. The progress of the work can be gauged by the fact that the staff and students of P.V.P. College have made steady progress in various aspects of research such as in obtaining recognition as research guides, obtaining research grants from various funding agencies, number of papers published / presented, awards, honors and distinctions, such as chairing technical session at conferences, citation of appreciation and many more. The details are presented with quantitative figures as below.

#### 1. Details regarding major projects

Project detail	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	01	01
Outlay in Rs. Lakhs	4,97,000/-	7,44,000	12,50,000/-	22,04,000/-

#### 2. Details regarding minor projects

Project detail	Completed	Ongoing	Sanctioned	Submitted
Number	08	15	06	07
Outlay in Rs. Lakhs	34,58,000/-	32,90,000/-	11,83,000/-	17,55,000/-

#### 3. Details on research publications

Publication	International	National	Others
Peer Review Journals	29	24	--
Non-Peer Review Journals	--	--	--
e-Journals	32	--	--
Conference proceedings	08	09	--

4. Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Two	U.G.C., New Delhi	19,94,000/-	16,99,000/-
Minor Projects	Three	U.G.C., New Delhi	7,55,000/-	5,55,000/-
Interdisciplinary Projects	---	---	---	--
Industry sponsored	---	---	----	---
Projects sponsored by the University/ College	Four	BCUD S.P.Pune University	8,35,000/-	4,17,500/-

5. No. of books published i) With ISBN No.:22 Chapters in Edited Books: 08

6. No. of conferences Organized by the Institution

Level	International	National	National	State	University	College
Number	--	--	01	02	01	---
Sponsoring agencies	---	UGC(WRO)	BCUD S.P.Pune University	BCUD S.P.Pune University	BCUD S.P.Pune University	PVPC

7. No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
02	00	02	--	00	00	--

8. No. of Ph.D. awarded by faculty from the Institution: 02

9. No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones):01

#### 10. AVISHKAR Zonal level and University level

Many teachers have submitted proposals for BCUD and also for Minor and Major research projects. Research Committee encouraged students to participate in Avishkar leading to a very warm response from undergraduate and postgraduate students. As many as 13 different groups of students from UG, PG and Teacher category of Arts, Science and Commerce participated at the University Research Festival Avishkar. The talks arranged by the committee on research project selection and planning helped students to take up research projects and present at the festival. Details of participants are as below.

Name of Category: - III. Pure Sciences					
Sr. No	Name of the Student	Class	Contact phone no & email ID	Level	Title of the project
1	1.Mr. Kulkarni Shubham 2.Mr. Sawant Akash	T.Y. B.Sc. Physics	9503028634, 7588357548 <a href="mailto:Kulkarnishubham45@yahoo.com">Kulkarnishubham45@yahoo.com</a> <a href="mailto:Akashsawant079@gmail.com">Akashsawant079@gmail.com</a>	UG	Investigation of transport and magnetic properties of Ferrite Nano particles in the presence of Ln <sup>3+</sup> f-block element by Sol-Gel Method.
2	1.Ms. Sali Rasika Nitin 2. Ms. Dighe Dhanashri G. 3. Ms. Vikhe Priyanka S. 4 Dr. Sali N.D.	S. Y. B. Sc	8796585788, 9822838044 <a href="mailto:Rasikas31@gmail.com">Rasikas31@gmail.com</a> <a href="mailto:Dhanashreedighe218@gmail.com">Dhanashreedighe218@gmail.com</a>	UG	Applications of microwaves in material processing and for common man to improve his quality of life
3	1.A. S. Somwanshi 2.Dr. S. S. Pandit	T.Y. B.Sc. Chemistry	9552816088 <a href="mailto:Somwanshiabhijeet179@gmail.com">Somwanshiabhijeet179@gmail.com</a>	UG	Dabco catalysed one pot multicomponent synthesis of polyhydroquinoline derivatives via hantzsch reaction.
4	Ms. Chechare S.S. Ms. Yelname K.B. Dr. A.G. Gadhawe	T.Y. B.Sc. Chemistry	9850603262, 9096574804 <a href="mailto:anilgadhawe@gmail.com">anilgadhawe@gmail.com</a>	UG	Design synthesis and antitubercular evaluation of some novel chromones, pyrazoles and pyrimidine derivatives
5	1.Sonali S. Pardhe 2.Dr. S. S. Pandit	M.Sc. Chemistry	9822438245 <a href="mailto:Sonalipardhe1995@gmail.com">Sonalipardhe1995@gmail.com</a>	PG	Applications of Guanidine Carbonate Catalyzed Knoevenagel Condensation between aromatic aldehydes and active methylene by Stone Grinding.
6	1.Nilam Pawar 2.Kolkar Bhausaheb 3 Archana Londhe 4.M.V. Divekar	M.Sc. Zoology	9637679713, 9766593529 <a href="mailto:nilupawar8@gmail.com">nilupawar8@gmail.com</a> <a href="mailto:Bhausahebolkar150@gmail.com">Bhausahebolkar150@gmail.com</a>	PG	Diversity of venomous snakes in Sangamner tahsil area of Ahmednagar district, ms. India.
Name of Category: - IV. Agriculture and Animal Husbandry					
Sr. No	Name of the Student	Class	Contact phone no & email ID	Level	Title of the project
1	1.Thete Pallavi Patilba 2.Shinde Komal Bhagawanrao	S. Y. B. Sc Bio-Tech	7028368003 7249011721 <a href="mailto:Shindekomal2710@gmail.com">Shindekomal2710@gmail.com</a>	UG	Portable household water purifier (biopilot)
2	1.Babasaheb D. Keskar, 2.Yogita Ghorpade and 3.Avinash Gholap	M.Sc. Zoology	9637679713 97630844968 <a href="mailto:akpatil@gmail.com">akpatil@gmail.com</a>	PG	Biochemical and hematological alternations in European rabbit due to calcium carbide and ethephone exposure.
3	1.Mayur Chavan, 2.Shital Abhale 3. Anil Kurhe	M.Sc. Zoology	7040202804, 9689971366 <a href="mailto:Mayor.s.chavan04@gmail.com">Mayor.s.chavan04@gmail.com</a>	PG	Spiders' diversity in Ratangad – Kalsubai wild life sanctuary (western ghats), Ahmednagar district M. S. India.
4	1.Vijay Varpe, 2.Swati Abhale 3. Anant Dhembare	M.Sc. Zoology	8554965580 8698560893 <a href="mailto:Varpevijay09@gmail.com">Varpevijay09@gmail.com</a> <a href="mailto:Swatiabhale95@gmail.com">Swatiabhale95@gmail.com</a>	PG	Study on control and management of stray dogs for human health in Rahata tehsil, Ahmednagar district ms. India.
5	1.Prajakta Lanke 2.Jayashree Petare 3.V. M. Pulate	M.Sc. Zoology	9637679713 8605495666 <a href="mailto:Prajaktalanke777@gmail.com">Prajaktalanke777@gmail.com</a> ,	PG	Study on fresh water reservoir insect fauna from willson (Bhandardara) dam of western ghat, Ahmednagar district, (ms) India.

Name of Category: - I. Humanities, Languages, Fine Arts					
Sr. No	Name of the Student	Class	Contact phone no & email ID	Level	Title of the project
1	Prof. Mrs. Dhimate S.S.	Teacher Faculty English	9850142546 <a href="mailto:sangitadhimate@gmail.com">sangitadhimate@gmail.com</a>	Teacher	Teaching of drama through role playing.
Name of Category: - II. Commerce, Management & law					
Sr. No	Name of the Student	Class	Contact phone no & email ID	Level	Title of the project
1	Mr. Nale Shailesh Sanjay Dr. R.G. Rasal	M. A. ECONOMICS	7709988190 9762933943 <a href="mailto:Shaileshnale123@gmail.com">Shaileshnale123@gmail.com</a>	PG	Rahata Talukyatil balkamgarancha arthik ani samajik sthiticha abhyas

**SHORTLISTED** PROJECT for Savitribai Phule Pune University Level Competition round to be held on 11<sup>th</sup> December 2015

Name of Student	Class & Level	Title of Project	Category
1. Nilam Pawar 2. Bhausaheb Kolkar 3. Archana Londhe Guide - Prof. Gholap A.B.	M.Sc. Zoology PG	Diversity of venomous snakes in Sangamner tahsil area of Ahmednagar district, MS. India	Agriculture and Animal Husbandry

The **State Level Science Exhibition- 2015** was organized by Balbhim Arts, Science and Commerce College Beed on **1<sup>st</sup> September 2015**. Students of our college have participated in this event. There were 2 models and 2 posters presented by the students. The selectors and observers have discussed with deep interest in our projects. Our students have tried to face these and gave satisfied answers of the questions raised by the selectors.

Sr. No	Name of the student	Class	Title of the project
1	Miss. Shinde Meghna	S.Y.B.Cs.	Vision 2020-- Poster
2	Miss. Gorde Purva	S.Y.B.Cs.	
3	Miss. Sali Rasika N	S.Y. B.Sc.	Water Level Controller Using 8051 - Model
4	Miss. Dighe Dhanshri G	S.Y. B. Sc.	
5	Miss. Shinde V .R	S.Y. Biotech	Portable Bio Filter For Water Purification at House Level- Model
6	Miss. Thete P.P.	S.Y. Biotech	
7	Mr. Raut Suraj V	T.Y. B.Sc.	Microwave Radiation : Introduction And Application- Poster
8	Mr. Harde Vikas S	T.Y. B. Sc	



**Chairman**  
(Dr. P.C. Akkiraju)