

## Research committee report 2016-17

### Committee Members

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

The research committee has actively engaged in the institutes research and extension activities during the academic year 2016-17. 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
Outlay in Rs. Lakhs	7,15,500/-	12,50,000/-	--	22,04,000/-

#### 2. Details regarding minor projects

Project detail	Completed	Ongoing	Sanctioned	Submitted
Number	11	01	--	01
Outlay in Rs. Lakhs	22,85,500/-	1,90,000/-	--	70,000/-

#### 3. Details regarding research publications

Publication	International	National	Others
Peer Review Journals	22	28	--
Non-Peer Review Journals	--	--	--
e-Journals	07	02	--
Conference proceedings	00	13	--

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 (02)	Three	U.G.C., New Delhi	13,64,000/-	9,11,500/-
Minor Projects	Two	U.G.C., New Delhi	20,94,000/-	20,94,000/-
Projects sponsored by the University/ College	Four	BCUD S.P.Pune University	3,85,000/-	1,90,500/-
Total	---	-----	<b>38,43,000/-</b>	<b>31,96,000/-</b>

5. No. of books published i) With ISBN No. : 02 Chapters in Edited Books: 01

6. No. of conferences Organized by the Institution

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

7. No. of faculty served as experts, chairpersons or resource persons: 15

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

Total	International	National	State	University	Dist	College
01	-	01	-	-	-	-

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

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

11. **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.

Zonal Level Avishkar-2016: Category wise Entry Form

Name of Category: - III. Pure Sciences				
Sr. No.	Name of the Student	Class	Level	Title of the project
1	Ms. Kolapakar Pallavi Sharad	T.Y.B.Sc.	UG	Biotechnology- Process and applications
2	Ms. Gawali Pranjali Yashwant			
3	Mr. Adangale Shubham C.	S.Y.B.Sc.		Detection of plastic ( LDPE) degrading ability of Bacteria isolated from dumped grounds of Loni.
4	Mr. Kanade Shubham K.			
5	Mr. Gholap Akash Dilip	M.Sc. Chem	PG	DABCO novel and efficient catalyst for one-pot multicomponent synthesis of 11-amino-12-(4-aryl)-8,9,10,12-tetrahydro-7H-chromeno [3,3-B]-3 OLM derivatives
6	Mr. Somawanshi Abhijit Sarangdhar	M.Sc. Chem	PG	LaCl <sub>3</sub> .7H <sub>2</sub> O: efficient catalyst for one-pot multicomponent synthesis of 1,4-polyhydroquinoline derivatives through unsymmetrical Hantzsch reaction

Name of Category: - IV. Agriculture and Animal Husbandry				
Sr. No.	Name of the Student	Class	Level	Title of the project
1	Ms. Shinde Vaishnavi	T.Y.B.Sc.	UG	Manufacture Blood from stem cells
2	Ms. Thete Pallavi Patilba			
3	Ms. Kanade Komal Gajanan			
4	Ms. Waghe Mohini Babasaheb			
5	Mr. Kolkar Bhausaheb	M.Sc. Zoology	PG	Comparative study of haemato-biochemical parameters of desi, broiler and kadagnath breed of fowl
6	Ms. Lanke Prajacta Popat			
7	Mr. Gavitt Pundlik Ramdas			Araneidae family spiders diversity Ratangarh kalasubai wild life sanctuary
8	Ms. Chaudhari Yogita			

Name of Category: - VI. Medicine and Pharmacy					
Sr. No.	Name of the Student	Class	Level	Title of the project	
1	Mr. Chavan Mayur Shivaji	M.Sc. Zoology	PG	Milking of scorpion via electrical stimulation restrainer device and maintenance of their colonies for toxicity studies	
2	Ms. Sanap Aishwarya Vivekand				
3	Ms. Pawar Nilam Bhagwat	M.Sc. Zoology		Study involving Diversity of venomous snake in Sangamner tahsil	
4	Ms. Ghorpade Yogita Sampat				
5	Mr. Varpe Vijay Nanasahab				Study on control and management of stray dogs for Human health in Rahata Tahsil
6	Mr. Gaikwad Vijay Shankar				

7	Mr. Parkhe Shekhar Babasaheb			Haematological alteration in european rabbit
8	Mr. Dagale Rahul Dasharath			Oryctologus cuniculus ( Lin) exposed to monosodium glutamate

Name of Category :- V. Engineering & Technology				
Sr. No.	Name of the Student	Class	Level	Title of the project
1	Ms. Sali Rasika Nitin	T.Y.B.Sc.	UG	Crack detection in Material
2	Ms. Dighe Dhanashri			

**Prizes received by students and staff in various types of research related competitions/activities**

Sr. No.	Name of student	Name of event	Date of prize award	Date of honor awards	Prizes/ scholarships if any
1	<b>Ms. SALI RASIKA NITIN</b> <i>Precision-17</i>	NATIONAL SYMPOSIUM organized in Pravara Rural College of engineering ,Loni	24 <sup>th</sup> March 2017	25 <sup>th</sup> March 2017	1 <sup>st</sup> Prize, Trophy Rs. 1200/- cash, certificate
2	<b>Ms. SALI RASIKA NITIN</b> <i>Imagine-2017</i>	University level Electronics Project competition organized in TC college Baramati for UG & PG students.	27 <sup>th</sup> February 2017	27 <sup>th</sup> February 2017	Consolation Prize, Trophy and certificate
3	<b>MR. CHAVAN MAYUR SHIVAJI</b>	State level seminar on Tools & Techniques in Animal Sciences organized in Ahmednagar College Ahmednagar.	29 <sup>th</sup> September 2016	29 <sup>th</sup> September 2016	1 <sup>st</sup> Prize in Presentation
4	<b>Dr. PATIL NITINKUMAR M.</b>	Poster paper presentation in National Conference organized by Dept. of Botany	9-10 <sup>th</sup> December 2016	10 <sup>th</sup> December 2016	2 <sup>nd</sup> Prize, Certificate and Trophy
5	<b>Mrs. Gurave Neha</b>	Research paper presentation in National Conference organized by Dept. of Botany	9-10 <sup>th</sup> December 2016	10 <sup>th</sup> December 2016	2 <sup>nd</sup> Prize, Certificate and Trophy

**Programme organized by research committee for students**

Sr. No.	Programme	Date	Participant students		
			Boys	Girls	Total
1	Two day workshop- Hands on workshop on Virtual instrumentation software LabVIEW – Resource person our Alumni Mr. Sandipkumar Palkhe, Honeywell Hyderabad	24-25 <sup>th</sup> February 2017	10	27	37

**11. The participation of students in various events and award winners in the same.**

• **PRECision17**

**A NATIONAL LEVEL SOCIO-TECHNICAL SYMPOSIUM**

Organized in Pravara Rural Engineering College, Pravaranagar on 24-25th March 2017. Our student Ms. Rasika Nitin Sali has been awarded with 1st Prize in Project presentation competition PRECision17. She received Certificate, Cash Prize and Trophy.

• **IMAGINE17**

Organized in T. C. College, Baramati on 27th February 2017. Our student Ms. Rasika Nitin Sali has been awarded with Consolation Prize in Project presentation competition IMAGINE17. She received Certificate, Cash Prize and Trophy.



**Chairman**  
(Dr. N. D. Sali)