

Research committee report 2013-14

Committee Members

| | | |
|----|-------------------|----------|
| 1. | Dr. B. A. Pawar | Chairman |
| 2. | Dr. R. G. Rasal | Member |
| 3. | Dr. P. M. Dighe | Member |
| 4. | Dr. P. G. Reddy | Member |
| 5. | Dr. A. M. Bhosale | Member |
| 6. | Dr. G.M. Pondhe | Member |

The research committee has actively engaged in the institutes research and extension activities during the academic year 2013-14. 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

| Status of project | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|------------|------------|---------------|
| Number | 01 | 01 | 00 | 10 |
| Outlay in Rs. Lakhs | 6,88,300 | 4,97,000/- | 00 | 2,36,38,134/- |

2. Details regarding minor projects

| Status of project | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|------------|-------------|-------------|-------------|
| Number | 01 | 17 | 06 | 10 |
| Outlay in Rs. Lakhs | 2,65,000/- | 20,29,450/- | 18,65,000/- | 44,05,000/- |

3.Details on research publications

| Publications | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 32 | 05 | |
| Non-Peer Review Journals | 05 | 08 | 17 |
| e-Journals | 05 | -- | |
| Conference proceedings | 06 | 44 | |

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 | ---- | ----- | ---- | ----- |
| Minor Projects | Two year | UGC | 18,65,000/- | 8,35,000/- |
| Projects sponsored by the University/ College | Two year | BCUD Pune University | 6,35,000/- | 4,36,636/- |
| Any other(Specify) Amount received as final instalment for previous project | | ----- | ---- | 6,08,359/- |

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

6. No. of conferences Organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|---------------------------|--------|----------------------|---------|
| Number | 0 | 03 | 02 | 05 | 01 |
| Sponsoring agencies | | UGC 1 BCUD 1 ASC PU | BCUD 2 | BCUD Pune University | PVPC |

7. No. of faculty served as experts, chairpersons or resource persons: 19

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 |
|-------|---------------|----------|-------|------------|------|---------|
| 11 | 04 | -- | -- | 05 | 02 | -- |

9. No. of Ph.D. awarded by faculty from the Institution: 03

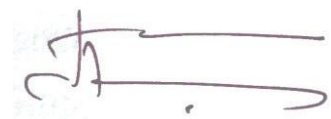
10. AVISHKAR Zonal level and University level

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 Student | Class & Level | Title of Project | Address & email | Category |
|--|----------------|---|---|--------------|
| 1) Ms. SALI RASIKA NITIN 2) Ms. DIGHE DHANASHREE GANGADHAR | F.Y.B.Sc UG | Natural water filter and use of Compound parabolic concentrator | P.V.P. College Pravaranagar. Tal: Rahata, Dist: Ahmednagar. rasikas31@gmail.com , (9423750368) dhanashreedighe@gmail.com | Pure Science |

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|---|-------------------------------|---|--|-----------------------------------|
| | | for sterilization. | | |
| 1)Ms. NIPUNGE PALLAVI DATTATRAYA 2)Ms. GHOLAP MANISHA VIJAY 3)Ms. POKALE SWATI RAMNATH | S.Y.B.Sc. UG | Natural switching of street lights using solar radiation. | P.V.P. College Pravaranagar. Tal: Rahata, Dist: Ahmednagar. 9766339374 Pallavi8709@gmail.com | Pure Science |
| Ms. PHAPALE SHUBHANGI GAJANAN Ms. PANSARE VRUSHALI DNYANESHWAR | T.Y.B.Sc. UG | Insect Repellent | P.V.P. College Pravaranagar. Tal: Rahata, Dist: Ahmednagar. Shubhangiphapale7@gmail.com Vrushali2050@gmail.com (9850025286) | Pure Science |
| Mr. BENDRE SUJIT R. Mr. TALOLE RAVINDRA. B. | T.Y.B.Sc. UG | Microcontroller based Level controller | P.V.P. College Pravaranagar. Tal: Rahata, Dist: Ahmednagar bendresr116@gmail.com ravindratalole9@gmail.com | Engineering & Technology |
| Ms. GHORPADE KSHAMATA VASANT 2)Mr. SHINDE KUMAR B. | T.Y.B.Sc. UG | Temperature controller | P.V.P. College Pravaranagar. Tal: Rahata, Dist: Ahmednagar kshamataghorpade@gmail.com Shindekumar09@gmail.com | Pure Science |
| Mr. RAMESH HARDE Ms. TEMAK PRERANA Ms. BANGAL AISHWARYA | T.Y.B.Sc UG | Efficacy of Fungicides against Onion Plant Pathogens | Department of Biotechnology, Padmashri Vikhe Patil College, Pravaranagar, Loni | Pure Science |
| Ms. GUNJAL SHIVANI RAVINDRA Ms. GAIKWAD ROSHANI ARUN | M.Sc. Biotechnology PG | Isolation Characterization an antimicrobial compound isolation of endophytic bacteria from vincarosea | Department of Biotechnology, Padmashri Vikhe Patil College, Pravaranagar, Loni Roshanigaikwad37@gmail.com 8446224437 Shivanigunjal7@gmail.com 9561476493 | Agricultural and Animal Husbandry |
| Mr. PAGAR RHUSHIKESH PARSHARAM Mr. MAKANE PRAVIN BHARATRAO | M. Sc. Biotechnology PG | Isolation & Characterization of PGPR isolates from different rhizospheres & comparative efficiency on plants | Department of Biotechnology, Padmashri Vikhe Patil College, Pravaranagar, Loni Pagarrhushikesh787@gmail.com 7875396948 | Agricultural and Animal Husbandry |
| MR. AHIRE MAYUR ASHOK MS. NANDANWAR BHAGYASHRI DILIP | M. Sc. Biotechnology PG | Phytochemical screening of selected medicinal plants and their antimicrobial activity against bacillus subtilis & staphylococcus aureus | Department of Biotechnology, Padmashri Vikhe Patil College, Pravaranagar, Loni Ahire041@gmail.com 8149295404 Nandanwarart27@gmail.com 9404351220 | Pure Science |

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|--|--------------------------------|---|--|-----------------------------------|
| 1)Mr. RAJENDRA M. CHOUDHARI, 2) Mr. AVINASH B.GAGARE | M.Sc. Environmental Science PG | Analysis of soil quality and microbial ecology and biodiversity: isolation, identification and characterization of soil bacteria and fungi of the dajipur forest bison sanctuary, | Dept. of Environmental science P.V.P. College Pravaranagar Kpramod09@gmail.com 9975550519 | Pure Science |
| Ms. VIKHE RUTUJA JANARDHAN Mr. CHAVAN MAYUR SHIVAJI Mr. KOLKAR BHAUSAHEB EKANATH | M.Sc. Zoology PG | Diversity of spiders from Harischandrag arh- Kalsubai wild life sanctuary | Dept. of Zoology P.V.P. College Pravaranagar 9561330283 mayur.s.chavan04@gmail.com | Pure Science |
| 1) Mr. CHAVAN SOURABH VILAS 2)Mr. HIRE VIJAY BHAGAWAN | M.Sc. Biotechnology PG | <i>Rhizobium</i> – Quorum Sensing Antimicrobial, Antifungal Activity and Effect on plant growth. | Near Durga Mata MANDIR, Ward No. 1, Shirampur, A'Nagar Email- chavansourabh36@gmail.com | Agricultural and Animal Husbandry |
| 1) Ms. P.R.PAWAR 2) Ms. V.A.PAWAR | Teacher | Study of Pseudomonas fluorescence as a plant growth promoting rhizobacteria and in waste water treatment by biofilm formation | Department of Biotechnology, Padmashri Vikhe Patil College, Pravaranagar, Loni. Email ID: pawar.vaishali10@gmail.com Phone no.:7709938118 | Agricultural and Animal Husbandry |



Chairman
(Dr. B. A. Pawar)