

## Research committee report 2023-24

The research committee has actively engaged in the institutes research and extension activities during the academic year 2023-24. 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.

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 11 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.

Understanding the new realm of knowledge is facilitated by the research. The research engages societies and scholars to think critically and make them capable to find solutions to various problems. The role of the education system is very crucial in inculcating the research values. The National Education Policy has placed priority on research in higher education institutions. Academic research is an integral part of the higher education system in most knowledge societies. To keep the research at the priority, the students in higher education should be enthused to engage themselves in the research. Through detailed research, students develop critical thinking expertise as well as effective analytical, research and communication skills that are globally sought-after and incredibly beneficial. With the view of promoting research among the students, the then Hon'ble Governor of Maharashtra and the Chancellor of the Universities in the State of Maharashtra initiated Avishkar: Maharashtra State Inter-University Research Convention in the academic year 2006-07. Since then, the convention has engaged thousands of research minds to unveil many unexplored areas of knowledge. The convention has helped in connecting likeminded researchers, created a spirit of exploring new ideas and brought solutions to many problems.

Objectives of Avishkar competition are i) to identify the hidden innovative scientific talents and capacities of the students and provide them opportunities to inculcate research aptitude. ii) To create competitiveness among the researchers to enhance the quality of the



research. iii) To appreciate the researchers and provide financial aid in the form of fellowship to promote the research.

This competition is fully supported and organized by Savitribai Phule Pune University for UG and PG college student, research student pursuing M.Phil and Ph.D also Teachers who registered for Ph.D.

The competitions are organized in four levels as college, Zonal, University and inter-university state level. Our college takes part in this activity with full potential and support student and staff adequately.

### 1. AVISHKAR (College level): Science Fiesta 2024

The college level Avishkar was organized on 22/09/2023. This competition is named as Science Fiesta 2023. In this competition, 83 UG level and 8 PG level participants registered. The registration were comes from Arts, Science, Commerce and Computer science faculties. The projects were categorized into Humanities, Languages and Fine Arts, Commerce, Management and Law, Pure Sciences, Agriculture and Animal Husbandry, Engineering and Technology, Medicine and Pharmacy. The two participants in each category were selected for Zonal level Avishkar 2023.



Figure 1 Dr. P. M. Dighe, Principal, P.V.P. College inspecting Projects



Figure 2 Dr. A. T. Kanade, Academic Research Coordinator inspecting Projects

### Result of College level Avishkar 2023

  
PRAVARA RURAL EDUCATION SOCIETY'S  
PADMASHRI VIKHE PATIL COLLEGE  
OF ARTS, SCIENCE & COMMERCE  
PRAVARANAGAR

Ref: PVPC/ HD - 67/ Date: 22/09/2023


To  
Coordinator (Avishkar 2023), IQAC, SPPU, Pune

Respected sir/ Madam

As per university guideline for Avishkar 2023, our college organized the college level Avishkar on 22 Sep.2023 and the below listed project we want to register for Zonal level Avishkar. All necessary documents attached with email. Please do needful.

**Result Sheet**

Sr. No.	Category	Level	Project title and Student
1	Pure Science	UG	Home made Incubator Student: Mr. Pathan Aaftab & Mr. Tupe shreyash
2	Pure Science	UG	Low cost car pollution control catalytic converter Student: Miss. Shruti Subhas Pande ; Miss. Shubhangi Ashok Raut
3	Pure Science	PG	1. Milk adulteration detection Kit Student: Miss. Gadekar Chaitali & Miss. Chechare Chaitali
4	Pure Science	PG	Solar water heating system Student: Miss. Sonawane Sujata & Miss. Chechare Chaitali
5	Pure Science	PG	2. Investigation of nature friendly acid-base indicator Student: Gaikwad Hemal and Nibe Pratiksha
6	Agriculture and animal Husbandry	UG	1. Advanced multiculture farming system Student: Miss. Gadage Pnyal & Miss. Labade Sakshi
7	Humanities, Language and Fine Arts	UG	Impact of technology on human life Student: Miss. Ashvini Kadam and Miss. Trupti Bairagi

  
  
PRINCIPAL  
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Padmashri Vikhe Patil College  
of Arts, Science & Commerce  
Pravaranaagar, Ahmednagar

Affiliated to Savitribai Phule Pune University, Pune - ID No. PU / AN / ASC / 016 (1971)  
Accredited (E<sup>+</sup> cycle) by NAAC at 'A' Grade with CGPA 3.11, College of Excellence Status by UGC, New Delhi  
Recipient of Best Rural College Award by SPPU, Pune  
Address : Loni, Tal. Rahata, Dist. Ahmednagar (M.S.) Pin : 413713  
Ph No. : (Office) +91-2422-273425, 273426 | Website : www.pravara.in | Email - principal.pvpln@pravara.in



## 2. AVISHKAR Zonal level and University level activity

Seven projects were selected for Zonal level Avishkar 2023. This year zonal level Avishkar is organized at Dada Patil College, Karjat dist. Ahmednagar for Pure Science, Humanities, and Commerce. The Agriculture and animal husbandry zonal level Avishkar is at PVVP Engg. College, Vilad, Ahmednagar. The Competition was held on 31 Oct. 2023.

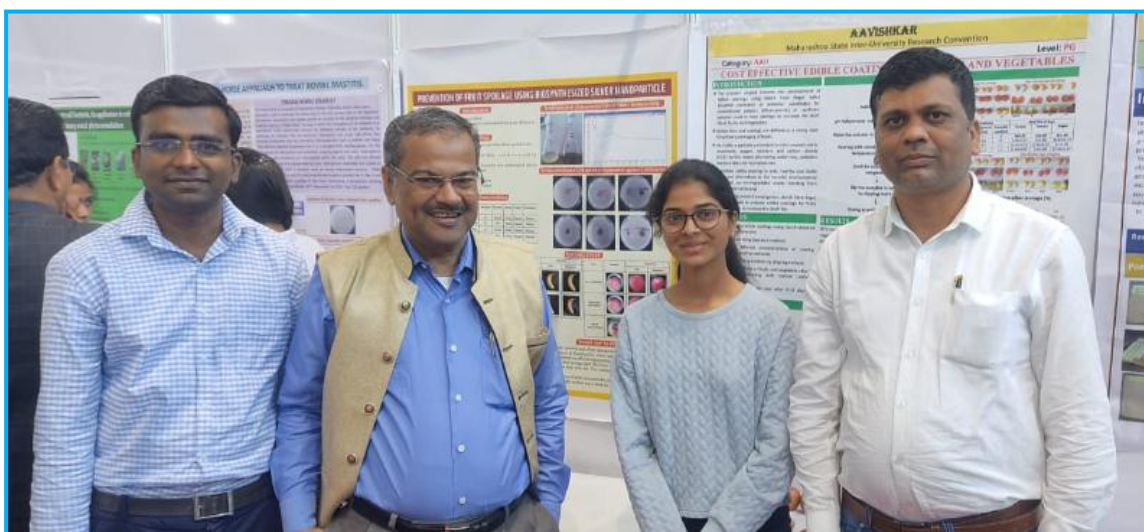




### 3. AVISHKAR University level activity

Two projects are qualified for university-level Avishkar 2023 which is scheduled on 20 Dec. 2023 at Khushaba Jadhav sports complex, SPPU campus, Pune. Below project selected for the University level Avishkar

27	Gaikwad Hemal	7304370791	Investigation of nature friendly acid-base indicator	P.V.P. College of Arts, Science and Commerce, Pravaranaagar	Ahmednagar	Pure Science	PG
38	Labade Sakshi Bhausaheb	9881918588	Advanced Integrated Multiculture Farming System	Padmashree Vikhe Patil Colleg of Science and Commerce	Ahmednagar	Agri & Animal Husbandry	UG



During this academic year 3 teachers obtaining recognition as research guides, obtain research grants from various funding agencies, near about 98 number of research papers published / presented in national and international level conferences and international journals, 12 teachers get awards from various agencies. The teachers get honors and distinctions, such as chairing technical session at conferences, citation of appreciation and many more. The research committee and ARC of college continuously support this activity and maintain academic research standard in the college.

  
**PRINCIPAL**  
Padmashri Vikhe Patil College  
of Arts, Science & Commerce  
Pravaranaagar, Ahmednagar



**Dr. A.T. Kanade**  
**ARC and Chairman of Research committee**