



Pravara Rural Education Society's
Arts, Science and Commerce College,
Kolhar Tal. Rahata, Dist.- Ahmednagar- 413710
Affiliated to Savitribai Phule Pune University, Pune

Self Study Report: 2023 (2nd Cycle)



Criteria -3

**Research, Innovation
& Extension**

**Key Indicator: 3.5
Collaboration**

Metric: 3.5.1 (QnM)

The number of MoUs ,collaboration/ linkages for Faculty exchange, Student exchange , Internship ,Field project ,on-the- job training, research and other academic activities during the last five years



Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BENGALURU

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Academic Year 2019-20

Sr No	Name of MoU/ Collaboration /linkage	Activity	Date	Page No
1	Avishkar Biofarm (P) Ltd.	Mou Document	25/08/2018	3
		Field trip to Educational Tour of Zoology Student	6/01/2020	4
2	Ahemadnagar College, Ahemednagar	Dr. Rudrakashe C. D. Guides the Research Students	20/2/2018	7



Avishkar®
Biofarm (P) Ltd.

**Manufacturers of Biofertilizers, Biopesticides,
Organic Manure & Allied Products.**

Pravaranagar - 413 712, Tal. Rahata, Dist. A Nagar. (M.S.)
☎ (02422) 272041, M. 8275452465, 66, 9881800664

E mail : avishkarbio@gmail.com

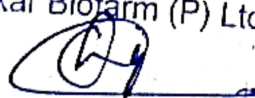
Regi.No.: U 24119 PN 1999 PTC 13262

Memorandum of Understanding

Avishkar Biofarm Pvt Ltd.Pravaranagar and Department of Botany of Arts, Science and Commerce College, Kolhar, Tal-Rahata, Dist -Ahmednagar (Maharashtra) are hereby signing the Memorandum of Understanding (MoU) on **25th August 2018** with the following understandings

1. Memorandum of Understanding is for the **period of three years** from the date of signing.
2. Under this MoU Resource persons of Avishkar Biofarm Pvt Ltd.Pravaranagar will guide staff and students of Arts Science and Commerce College Kolhar in regards to biofertiliser production and awareness and will have to give services for research practical and training.
3. Avishkar Biofarm Pvt Ltd.Pravaranagar and Department of Botany of Arts Science and Commerce Kolhar will guide the students for use of laboratories in concern subject.

Avishkar Biofarm (P) Ltd.


Director



I/c PRINCIPAL
Arts, Science & Commerce College
Kolhar, Tal.Rahata, Dist.Ahmednagar.

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society
ARTS, SCIENCE & COMMERCE COLLEGE, KOLHAR
Tal. Rahata, Dist. Ahmednagar- 413 710

“A Training Programme On Production of Biofertilizers”
(6th January to 11th January, 2020)

Organized by-

Department of Botany and Zoology

In Collaboration with

Avishkar Biofarm Private Limited, Pravaranagar

Arts, Science and Commerce College, Kolhar is situated in rural area and most of the students are from farmers family. So, the college has organized a training programme on production and uses of biofertilizers for the students in collaboration with **Avishkar Biofarm Private Limited, Pravaranagar**.

Avishkar Biofarm Private Limited, Pravaranagar is an agro based company was established in the year 1999 with a mission to promote usage of existing bio products and leverage the biotechnology research findings to develop new products which are economic, environmental friendly and easily available for use in integrated microbial management for Sustainable Agriculture.

The agriculture industry plays a vital role in the survival of nation, therefore maintaining its quantity and quality is essential for feeding the population and economic exports. The industry has undergone various scientific innovations in order to make it more efficient. However, if such advancements, more commonly known as the Green Revolution, have resulted in better yields they have simultaneously also caused the degradation of the environment. Biofertilizers and biopesticides propose a sustainable solution to the reduction in the use of chemical fertilizers while meeting the demands of the growing population. The use of biofertilizers and pesticides in place of chemicals is likely to reduce the impact on soil, air and water and also has the potential to improve human health. They are not only high in nutritional value but also supply productive microbes to the soil. Biofertilizers increase the effectiveness of chemical fertilizers by using a carrier material on which microbes are

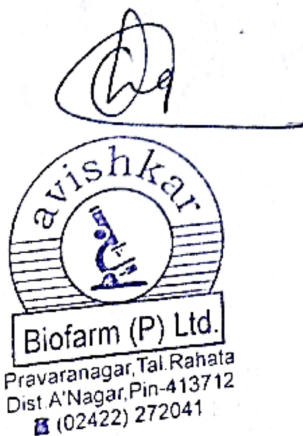
mounted. These growing organisms that can be manufactured in both solid and liquid phase with a shelf-life difference of 6 months to 2 years have a positive effect on the plant growth and can also be used as fish feed.

To enrich the knowledge of students about sustainable agricultural developments college has decided to organize such programme. It was arranged for six days during 6th January to 11th January, 2020. Avishkar Biofarm Private Limited provides the best range of meta grip (metarhizium), wood based granular activated carbon, *Paecilomyces fumosoroseus*, ferrous scrap, coal coking coal & fertilizers with effective & timely delivery. Twelve students from the college had participated in the training programme and have experienced knowledgeable sessions with the staff of the company.

During the training period the students had learned about the various processes like seed pelleting, Inoculant Carriers, Quality Standards for Inoculants, Green Manuring etc. For production of a good and efficient bio-fertilizer, first of all an efficient nitrogen fixing strain is required, then its inoculum (the form in which the strain is to be applied in fields) is produced.

The students also studied various post-production processes like packing, storing and maintenance as other aspects of bio-fertilizer production. While producing bio-fertilizers the standards laid down by BIS have also to be kept in mind for making the product authentic.

We are very thankful to **Hon. Shri. Bharat Ghogare Director, Avishkar Biofarm Pvt. Limited, Pravaranagar** for his proficient guidance and kind support during this training programme. We are also thankful to the staff members **Mr. Arun Shelar** and **Mr. Nilesh Dukre** for giving practical knowledge and discussions about use of biofertilizers in agriculture.



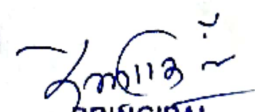
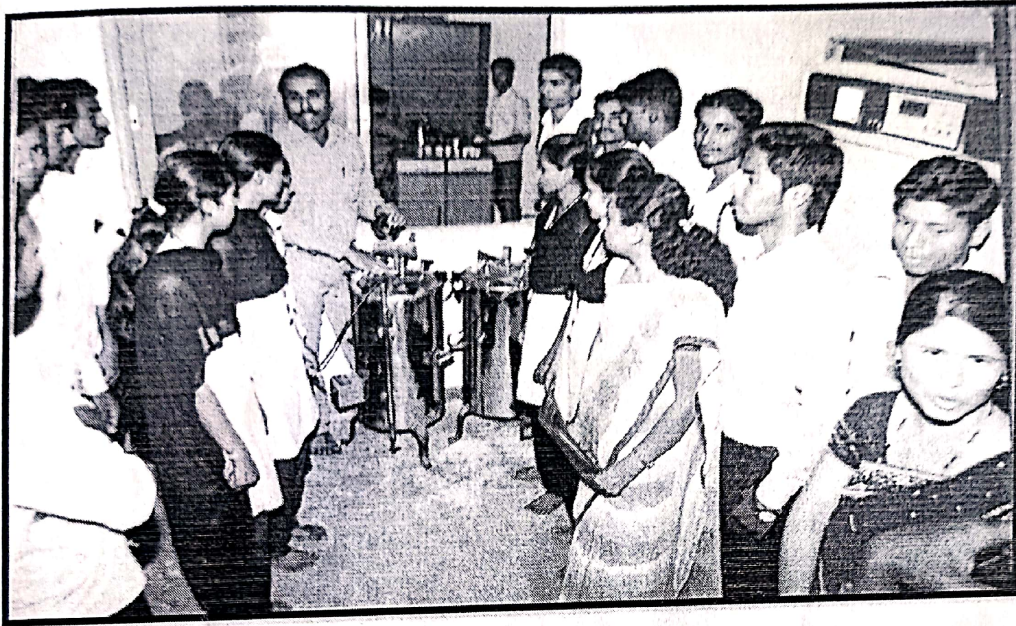

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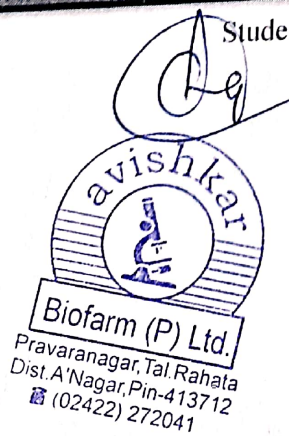
Photo Gallery



Students learning about Sterilization and fermentation techniques.



Students observing various processes of fermentation



भा. पां. हिवाले शिक्षण संस्थेचे
अहमदनगर महाविद्यालय, अहमदनगर
A Christian Minority Institution (Affiliated to Savitribai Phule Pune University. Id No. PU/AN/ASC/01/1947)



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मराठी संशोधन केंद्र

- Grade Accreditation by NAAC, Bangalore
- 'College with Potential for Excellence' Award by the UGC, New Delhi
- 'Best College' Award by the University of Pune
- 'Educational Excellence Award' by the Brands Academy, New Delhi
- 'Most Promising Educational Institute in Maharashtra' by Worldwide Achievers, New Delhi
- 'International Quality Award for Excellence in Higher Education' by Brands Impact

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जावक क्र.

दि.

प्रमाणपत्र

प्रमाणित करण्यात येते की, डॉ.चंद्रकांत रूद्राक्ष, मराठी विभागप्रमुख, पद्मश्री विठ्ठलराव विखे पाटील महाविद्यालय, प्रवरानगर, लोणी बु.॥, ता.श्रीरामपूर, जि. अहमदनगर हे सावित्रीबाई फुले पुणे विद्यापीठ मान्यताप्राप्त मराठी संशोधन केंद्र अहमदनगर महाविद्यालय, अहमदनगर येथे मार्गदर्शक (एम.फिल.&पीएच.डी.) म्हणून संलग्न आहेत.

केंद्र समन्वयक
एम.फिल. व पीएच.डी. मराठी संशोधन केंद्र
अहमदनगर महाविद्यालय, अहमदनगर

प्राचार्य
PRINCIPAL
Ahmednagar College
Ahmednagar