



NSSR's

**Vasatndada Patil Arts, Commerce & Science College, Patoda. Dist. Beed**

**Department of Botany**

***Certificate Course in Biofertilizers and Organic Farming***

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**About the course:**

The unselective use of synthetic chemical fertilizers during past four decades for increasing the agricultural yield has affected soil fertility, the water retention capacity and micronutrients content in the soil. Hence, the concept of biofertilizers is being promoted all over the world. The biofertilizers are nothing but tiny beneficial microbes that enhances availability of plant nutrients to host plant and protect plants from pathogenic challenges when applied.

Application of biofertilizers is being advocated by the environment for sustainable agriculture. However, both availability and quantity with quality of biofertilizers is confined to limited areas. Besides, there is a need to popularize the biofertilizer use among the farmers. In spite of the efforts, well trained skilled manpower to start up small biofertilizer production units is not much available in the country. In this regard, we have proposed to start this skill development certificate course.

**Objectives:**

- To promote organic farming in the region through technical capacity building of all stakeholders.
- To facilitate the students to understand basics of biofertilizers
- To impart training to develop skill of both handling, cultivation and propagation of quality microbial inoculants.
- To make students ready for industry as entrepreneurs.
- To improve the professional competencies and upgrade the knowledge and develop technical skills of biofertilizer production

**Eligibility:**

- Start-up entrepreneurs willing to undertake biofertilizer business
- UG/PG Students looking forward to research and development work in biofertilizer industry after completion of program.

**Course duration:** 1 month (30 hours)

**Registration :** Free



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**17 January to 17 February 2024**

**REPORT**

To,  
The Principal,  
Vasantdada Patil College,  
Patoda. Dist. Beed.

The value added Certificate Course in Biofertilizers and Organic Farming was started by department of Botany of our college on 17 January 2024. The course duration was one month. The inauguration program was held in the department in presence of Principal Prof. Abasaheb Hange. Vice Principal Prof. Kishor Machale, Vice Principal Dr. Ganesh Pachkore, Vice Principal Dr. Abhay Kshirsagar, PG Director Dr. Dnayneshwar Chaudhari, IQAC Coordinator Dr. Manojkumar Prakash were present at the occasion. Prof. Jyoti Kshirsagar, in her introductory speech explained importance of Biofertilizers and Organic Farming.

Total 24 students were registered for the Certificate Course. The course was held during 17 January to 17 February 2024.

The valedictory program of the certificate course was held on 28<sup>th</sup> March 2024. Principal Prof. Abasaheb Hange presided over the program. Certificates of completion of the course were distributed to the participant students.

#### **The Outcome of the Course:**

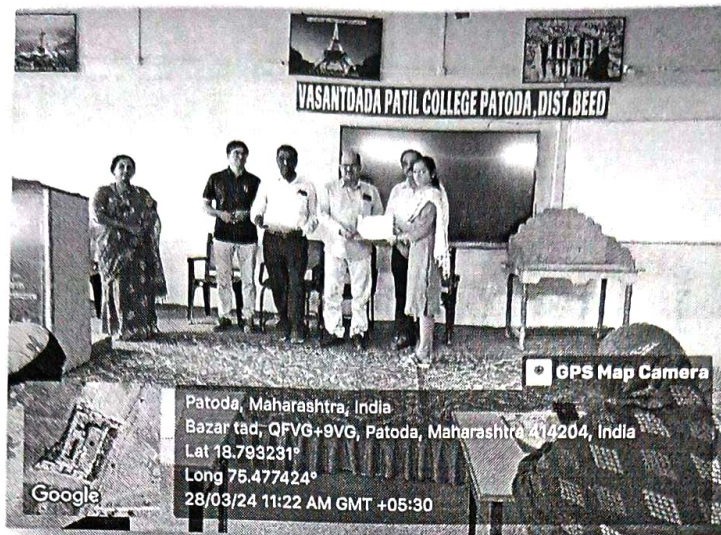
- A multiple choice objective type question paper was given for the test. All the 24 participant students secured good marks in the test.
- On field and practical knowledge of the participants was assessed by conducting practical examination and oral examination.
- It was observed that the students understood the basics of biofertilizers and were able to handle them and propagate them.
- The students achieved the knowledge and skills of biofertilizer production.

Head, Department of Botany

Principal  
Vasantdada Patil Arts, Comm.  
& Sci. College Patoda, Dist. Beed



## PHOTOGRAPHS OF VALEDICTORY PROGRAM



Valedictory Program of the Certificate Course on 28<sup>th</sup> March 2024



28MAR2024

## वसंतदादा पाटील महाविद्यालयात प्रमाणपत्र अभ्यासक्रम संपन्न

प्रतिनिधी / पाटोदा

येथील नवगण शिक्षण संस्था संचालित वसंतदादा पाटील कला, वाणिज्य व विज्ञान महाविद्यालयात २८ मार्च रोजी प्रमाणपत्र अभ्यासक्रमाचा समारोप कार्यक्रम उत्साहात संपन्न झाला. महाविद्यालयाच्या वनस्पतीशास्त्र विभागाच्या वतीने १७ जानेवारी ते १७ फेब्रुवारी या कालावधीत 'बायोफर्टीलायझर्स अँड ऑर्गेनिक फर्टीलायझर्स' या विषयावरील प्रमाणपत्र अभ्यासक्रम घेण्यात आला. अभ्यासक्रमास २४ विद्यार्थ्यांनी प्रवेश घेतला होता. या अभ्यासक्रमाचा समारोप कार्यक्रम शुक्रवारी संपन्न झाला. कार्यक्रमाच्या अध्यक्षस्थानी प्राचार्य प्रोफेसर आबासाहेब हांगे



होते. व्यासपीठावर उपप्राचार्य प्रोफेसर किशोर मचाले, उपप्राचार्य प्रोफेसर गणेश पाचकोरे, उपप्राचार्य डॉ. अभय क्षीरसागर उपस्थित होते. समारोप कार्यक्रमाच्या प्रास्ताविकात वनस्पतीशास्त्र विभागप्रमुख प्रोफेसर ज्योती

क्षीरसागर यांनी प्रमाणपत्र अभ्यासक्रमाविषयी थोडक्यात माहिती देत जैविक खतांचे शेतीमधील महत्व स्पष्ट केले. याप्रसंगी सहभागी विद्यार्थ्यांना मान्यवरांच्या हस्ते प्रमाणपत्रे वितरित करण्यात आली.

## वसंतदादा पाटील महाविद्यालयात प्रमाणपत्र अभ्यासक्रम संपन्न

प्रतिनिधी / पाटोदा - येथील नवगण शिक्षण संस्था संचालित वसंतदादा पाटील कला, वाणिज्य व विज्ञान महाविद्यालयात २८ मार्च रोजी प्रमाणपत्र अभ्यासक्रमाचा समारोप कार्यक्रम उत्साहात संपन्न झाला.

महाविद्यालयाच्या वनस्पतीशास्त्र विभागाच्या वतीने १७ जानेवारी ते १७ फेब्रुवारी या कालावधीत 'बायोफर्टीलायझर्स अँड ऑर्गेनिक फर्टीलायझर्स' या विषयावरील प्रमाणपत्र अभ्यासक्रम घेण्यात आला. अभ्यासक्रमास २४ विद्यार्थ्यांनी प्रवेश घेतला होता. या अभ्यासक्रमाचा समारोप कार्यक्रम



शुक्रवारी संपन्न झाला. कार्यक्रमाच्या अध्यक्षस्थानी प्राचार्य प्रोफेसर आबासाहेब हांगे होते. व्यासपीठावर उपप्राचार्य प्रोफेसर किशोर मचाले, उपप्राचार्य प्रोफेसर गणेश पाचकोरे, उपप्राचार्य डॉ. अभय क्षीरसागर उपस्थित होते. समारोप कार्यक्रमाच्या प्रास्ताविकात वनस्पतीशास्त्र विभागप्रमुख प्रोफेसर ज्योती

क्षीरसागर यांनी प्रमाणपत्र अभ्यासक्रमाविषयी थोडक्यात माहिती देत जैविक खतांचे शेतीमधील महत्व स्पष्ट केले. याप्रसंगी सहभागी विद्यार्थ्यांना मान्यवरांच्या हस्ते प्रमाणपत्रे वितरित करण्यात आली. कार्यक्रमाचे आभार प्रदर्शन प्रोफेसर गणेश पाचकोरे यांनी केले.

No	Name	Date	Sign
1]	Pathan Muskan Dastagir	28/03/24	<u>Pathan</u>
2)	Pathan Muskan mahboob	28/03/24	<u>Muskan</u>
3)	shinde Pragoti Tukaram	28/03/24	<u>Pragoti</u>
4	Pawar Diksha Bhausaheb	-	<u>Diksha</u>
5)	Yeole Dnyaneshwar Sagar	-	<u>Yeole</u>
6)	shaik Arzoo Khatij Anwar	-	<u>shaik</u>
7)	Malekar Pratibha Bhausaheb	-	<u>Pratibha</u>
8]	Yeole punam Dattatray	-	<u>Punam</u>
9]	shinde sushma Arun	- 11 -	<u>Sushma</u>
10)	yeole Ankita Bajirao	- 11 -	<u>Ankita</u>
11]	Khade Gitanglinarayan	- 11 -	<u>Gitanglinarayan</u>
12]	Jirakar Vaishnavi Hanumanth	- 11 -	<u>Vaishnavi</u>
13]	Jaybhaya Aita Basirav	- 11 -	<u>J. G. B</u>
14)	Garje Mayuri Ramdas	Atc - 11 -	<u>Mayuri</u>
15)	Jadhav shital Ajit	- 11 -	<u>shital</u>
16	Gawade Mahananda Baburao	- 11 -	<u>M. G. B</u>
17)	Girc Rutuja Ramchandra	- 11 -	<u>Rutuja</u>
18)	Nirendra Vitthal Sandip	- 11 -	<u>Nirendra</u>
19)	Prachin Tukaram Ishedkar	- 11 -	<u>Prachin</u>