

**Khed Taluka Shikshan Prasarak Mandal's**  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
Affiliated to S. P. Pune University, Pune  
NAAC Reaccredited "B++" Grade (CGPA 2.83), DST-FIST Recognized college  
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**Department of Botany A. Y. 2024-2025**

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**Workshop on Organic Farming Practices (Liquid Biofertilizer)**

<b>Sr. No</b>	<b>Item</b>	<b>Particulars</b>
1	Date	16/08/2024
2	Name of Event	Workshop on Organic Farming practices (liquid biofertilizers)
3	Venue	Department of Botany
4	Time	12.30 pm to 3.30 pm
5	Duration of the programme	One day
6	Number of participants	39
7	Activity belongs to which Criteria of NAAC	Criteria 3

**Report**

On 16th August 2024, the Department of Botany organized a hands-on workshop focusing on the preparation of Sanjivani Amrut, a natural liquid biofertilizer. This initiative was part of the department's efforts to promote organic farming practices and environmentally sustainable agricultural methods. A total of 39 students from F.Y.B.Sc. actively participated in this workshop, gaining practical knowledge about creating and utilizing natural fertilizers. The workshop was organized and supervised by the Head of the Department, Dr. Kirti Manik Nitnaware, along with Dr. Sangeetha J. S and Miss Pooja Kad, who meticulously planned and guided the students throughout the session. Students brought cow dung and cow urine which are crucial for preparing Sanjivani Amrut., while additional resources such as water and jaggery were provided by the department. Under the supervision of the faculty, students combined cow dung, cow urine, water, and jaggery in specific ratios. This mixture was stirred and allowed to ferment for 5 days, allowing beneficial microbes to grow. Cow dung is rich in organic matter and beneficial microbes, cow dung helps improve soil structure and nutrient

availability. Cow urine contains essential nutrients like nitrogen, phosphorus, and potassium, vital for plant growth and soil enrichment. Water and jaggery were used to aid fermentation and enhance microbial activity in the biofertilizer mixture. In this workshop students were taught how to use the biofertilizer to enhance crop yields and maintain soil fertility without chemical inputs. The workshop successfully introduced students to the preparation of Sanjivani Amrut and provided them with valuable hands-on experience in creating an organic liquid biofertilizer.




Latitude: 18.849693  
Longitude: 73.888393  
Elevation: 614.86m  
Accuracy: 9.0m  
Time: 16-08-2024 13:09  
Note: Hutatma Rajguru Mahavidyalaya

Students engaged in the preparation of Sanjivani Amrut



Students mixing the ingredients

  
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