



Pradnya Niketan Education Society Pune's
**NAGESH KARAJAGI ORCHID COLLEGE OF
ENGINEERING & TECHNOLOGY, SOLAPUR**
An Autonomous Institute

Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to DBATU, Lonere
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(With CGPA 3.32)

Department of Artificial Intelligence and Data Science

One Page Report on Industrial Visit to KVK Baramati

Class: Second Year (SY)
Date of Visit: 03/10/2025
Number of Students: 41
Number of Faculty: 3

1. Introduction

The Department of Artificial Intelligence & Data Science (AI & DS), N. K. Orchid College of Engineering and Technology, Solapur, organized an industrial visit on **3rd October 2025** for **41 Second Year AI & DS students** with the objective of providing practical exposure to real-world applications of technology and industry-oriented learning.

2. Places Visited

- 1. Krushi Vigyan Kendra (KVK), Baramati**
- 2. Robotic Center, Vidya Pratishthan's College of Engineering, Baramati**

3. Faculty Accompanied

- Prof. G. N. Chanderki - Visit Coordinator**
- Prof. S. G. Sanmukh**
- Prof. Chetan Pawar**

4. Objectives of the Visit

- To understand the application of technology and data-driven approaches in agriculture at KVK Baramati.**
- To gain hands-on exposure to robotics, automation, and emerging technologies at the Robotic Center.**
- To bridge the gap between theoretical concepts and practical implementation.**
- To motivate students towards innovation, research, and interdisciplinary learning.**



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5. Description of the Visit

At KVK Baramati, students were introduced to modern agricultural practices, smart farming techniques, data collection methods, and the role of technology in improving agricultural productivity. Experts explained how data analytics, IoT, and AI-based tools are increasingly used in agriculture for decision-making and sustainability.

At the Robotic Center, Vidya Pratishthan's College of Engineering, students observed an automation machine and its associated control mechanisms. A live demonstration of the automation setup helped students understand the practical aspects of automation and its relevance to industrial applications.

6. Outcomes of the Visit

- Students gained practical insights into real-world applications of AI, data science, and robotics.
- Enhanced understanding of interdisciplinary applications of engineering concepts.
- Increased interest among students towards research, innovation, and higher studies.
- The visit strengthened industry-academia interaction and experiential learning.

7. Conclusion

The industrial visit to KVK Baramati and the Robotic Center, Vidya Pratishthan's College of Engineering was highly informative and successful. It provided valuable exposure to students and fulfilled the learning objectives of the AI & DS department. The visit was well-coordinated and proved beneficial for the overall academic and professional development of the students.



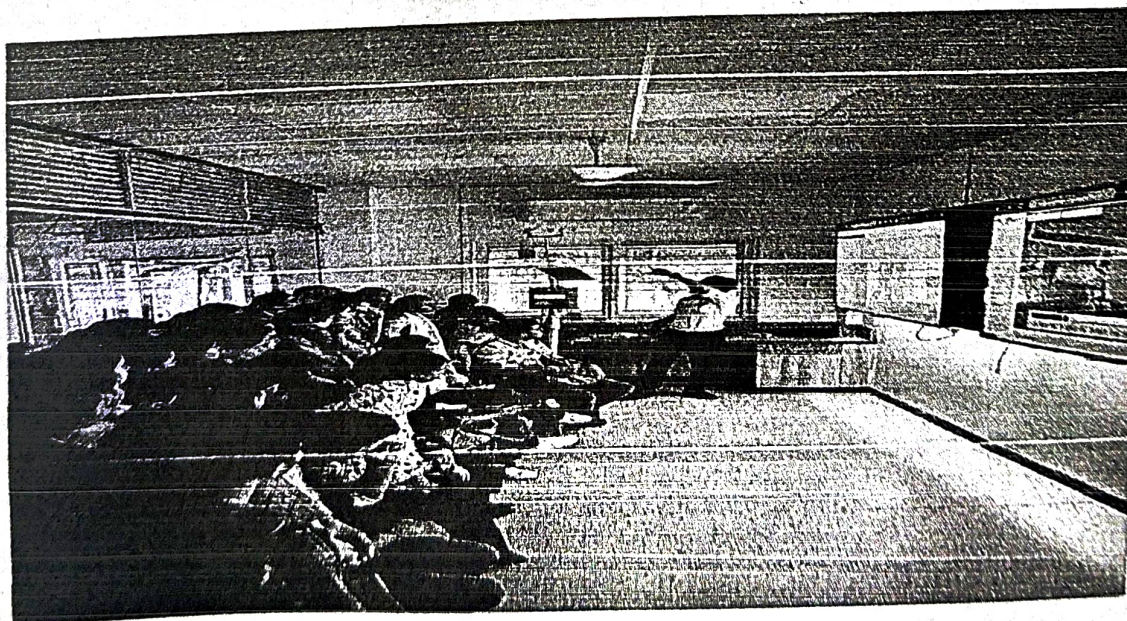
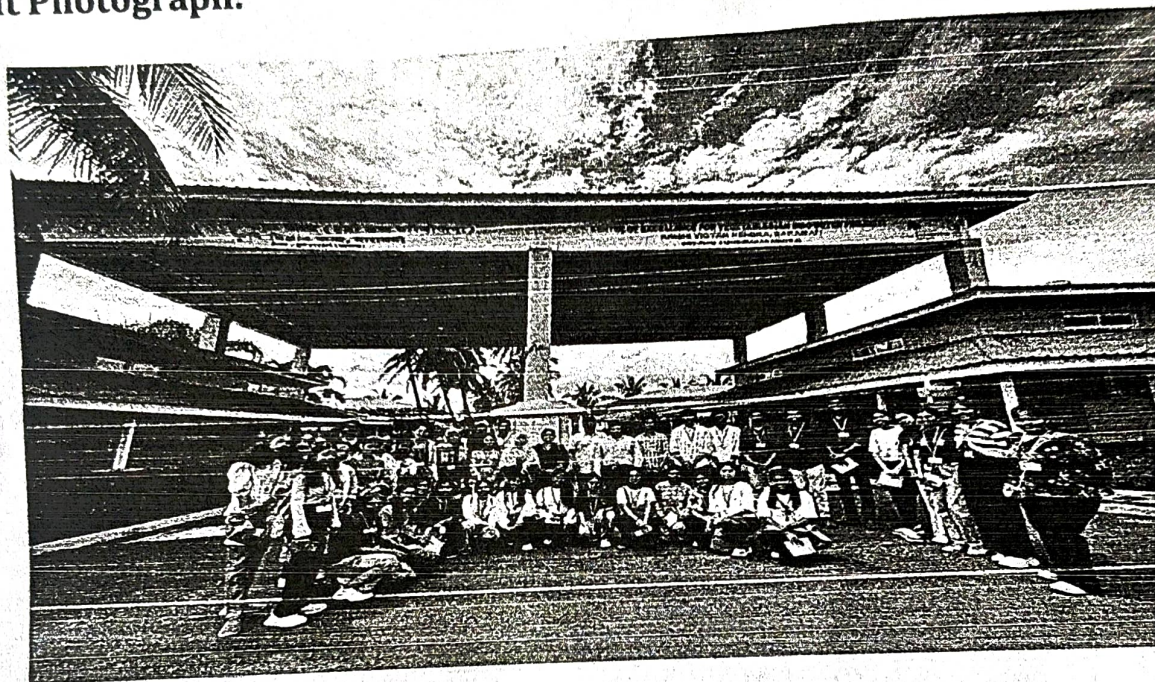
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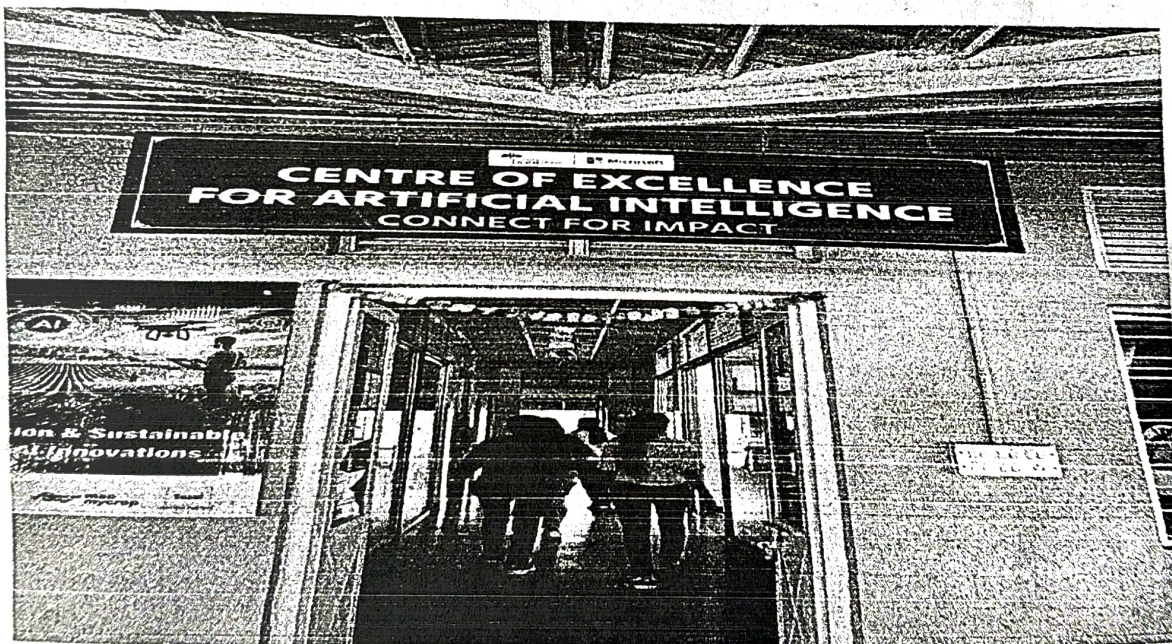
Visit Photograph:





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