



**JSPM's BHIVRABAI SAWANT INSTITUTE OF  
TECHNOLOGY AND RESEARCH**  
Wagholi, Pune.



**Department of Electronics & Telecommunication Engineering**

**A report on**

**“SE ( E& TC) Industrial Visit to Vigyan Ashram”**

<b>Objective</b>	The aim of this industrial visit was to equip young students with the skills of thinking clearly; project based learning, finding projects from real life problems.
<b>Date of Conduction</b>	06/04/2022
<b>Industrial Visit Coordinator</b>	Prof. Tushar V. Kafare and Prof. Amruta S. Dixit
<b>Student Coordinator</b>	Ajinkya Dahiwal and Aishwarya Jadhav
<b>Students Participated</b>	48 (E&TC Dept.)

The industrial visit of SE (E&TC) students to ‘Vigyan Ashram’ was arranged on 5<sup>th</sup> April 2022. The faculty coordinators **Prof. Tushar V. Kafare** and **Prof. Amruta S. Dixit**, and student coordinators **Ajinkya Dahiwal** and **Aishwarya Jadhav** took the initiative to accomplish this industrial visit successfully. The E & TC department HoD **Dr. Y. S. Angal** and Principal **Dr. T. K. Nagraj** encouraged the students to actively participate in the industrial visit. Two buses were arranged for this visit. We left the college at 10 AM.





Next, we reached at 'Vigyan Ashram' at 11:15 AM. The coordinator of 'Vigyan Aashram' **Ms. Suvarna Wadekar** took us to the seminar hall. They gave us the presentation of their projects, and the details of the ashram. They explained the process of how to find the project from real life problems and to overcome the same. The seminar was conducted for 45 minutes duration.



After the seminar, they divided us into three groups and took us for the place visit. They explained us how to use water effectively in the agriculture.





They showed us the chemical and tissue culture lab. They explained the significance of soil testing and tissue culture. They do the soil testing for farmers and give the report on various parameters of soil, fertilizers required, and the type of the crop which should be taken in that soil.

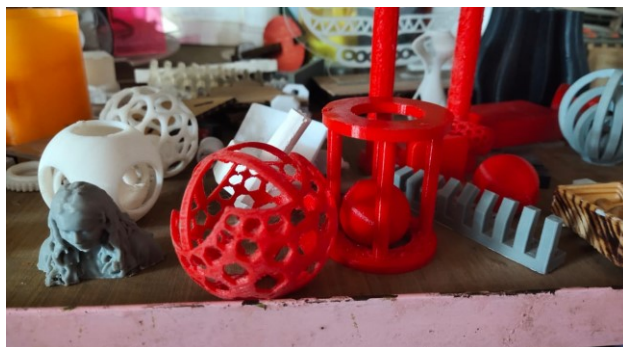
They are preparing the crops from various parts of the tree or crop like leaf, root, stem, etc.



We went to their workshop where we saw different equipments required for making the projects. They demonstrated some of their completed projects.



We also visited the fabrication lab (FABLAB) which contains the 3D printer, Laser cutter, PCB fabricator, etc. They explained us their function, applications, and how to use it. It is India's 0<sup>th</sup> FABLAB.



After completing the place visit, we gather together at seminar hall again. The coordinators of Vigyan ashram solved the various doubts of students. We left the Vigyan ashram at 2 PM. The visit was conducted smoothly and student's response was also appreciable. Students learned many technical aspects from this visit.





**Outcome:** All students learned about different ongoing and completed projects of ‘Vigyan aashram’. They understood how to find the projects from the real life problems and to find the effective solutions for the same.

**T. V.Kafare and A. S. Dixit**  
**Industrial Visit Coordinators**

**Dr.Y.S.Angal**  
**HOD**

**Dr. T.K.Nagaraj**  
**Principal**