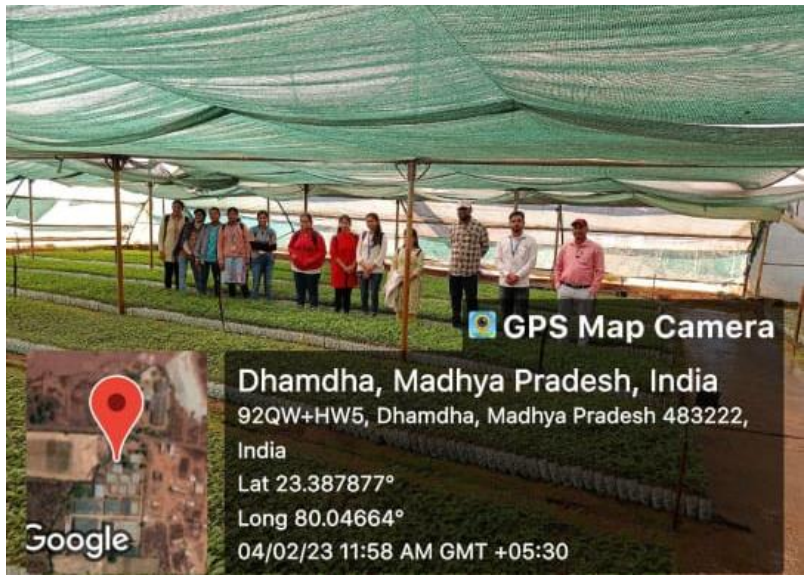


**ST ALOYSIUS COLLEGE (AUTONOMOUS), JABALPUR**  
**DEPARTMENT OF BIOTECHNOLOGY, 2022-23**


**INDUSTRIAL VISIT TO**  
**‘SHIVSHAKTI: PLANT TISSUE CULTURE INDUSTRY’**

Plant tissue culture (PTC) has immensely contributed in the field of science for the last 75 years, particularly, in the latter half of the 20th century after the discovery of somatic embryogenesis and other associated findings/techniques. The technique is highly reliable in tapping the economic potentials of medicinal and crop plants. PTC also plays a pivotal role in industry, agriculture, and plant breeding as it complements crop production through micropropagation, synthetic seed formation, somaclonal variation, hybridization, genetic transformation, pathogen eradication, and by preserving germplasm.

The Department of biotechnology organized an industrial visit to “Shivshakti Biotechnologies Ltd”, a plant tissue culture industry at Gosalpur on 4<sup>th</sup> February 2023. Students of BSc 3<sup>rd</sup> year and M.Sc along with faculty members Mr. Nitin Swamy, Mr. Enosh Phillips & Dr. Anisha Rupashree visited the industry. Shivshakti Bio Technologies Ltd. is working in research, development and testing services, Bulk fertilizer and agrochemicals. The industry is effectively producing the invitro plants of Teak and Sal plants on large scale and supplying throughout the country. It was a very fruitful visit for the students. They have gained knowledge about the agripreneurship and several start up ideas in the field of Plant tissue culture.





  
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