

# LATE RAMESH WARPUDKAR ACS COLLEGE, SONPETH

## Department of Botany

### Departmental Visit Report 2023-24

As Study tours as well as visit to the well-established departments are very important for science study in order know actual working of different instruments and to know new techniques emerged this stream.

Department of Botany has arranged one day Visit at Vasantaro Naik Marathwada University Parbhani on **20<sup>th</sup> September 2023**. During this visit we have visited TISSUE CULTURE CENTRE of V.N.A.U. Parbhani. It is one of the well-established laboratories where banana and sugarcane crops are produced commercially and supplied to the farmers.

Our journey started at 9.30 am from college and reach to the center at 12.30 pm We were warmly welcomed by the Staff members of TISSUE CULTURE CENTRE. Centre In-charge explained the techniques and procedure of tissue culture. He has also demonstrated principles and working of various instruments like PCR, Laminar air flow, Centrifuge, Electrophoresis, Autoclave etc. After tissue culture laboratory we have visited to the polyhouse and green shed where plants were kept for certain period for hardening purpose. The temperature and humidity of the polyhouse is maintained automatically.

Overall visit to the Tissue culture Centre was good giving an actual experience of the tissue culture to the students who have learned tissue culture only theoretically



Latitude: 19.252069  
Longitude: 76.792178  
Elevation: 408.27±19.94 m  
Accuracy: 2558.00 m  
Time: 20-09-2023 10:36:22  
Note: Tissue culture lab  
VNMKV Parbhani



Latitude: 19.250067  
Longitude: 76.797140  
Elevation: 408.27 ± 19.94 m  
Accuracy: 1414.00 m  
Time: 20-09-2023 10:54:21  
Note: Tissue culture lab  
VNMKV Parbhani



Latitude: 19.252057  
Longitude: 76.792376  
Elevation: 408.27 ± 19.94 m  
Accuracy: 2558.00 m  
Time: 20-09-2023 11:11:25  
Note: Tissue culture lab  
VNMKV Parbhani



Latitude: 19.250668  
Longitude: 76.793534  
Elevation: 408.27 ± 19.94 m  
Accuracy: 1657.61 m  
Time: 20-09-2023 10:58:24  
Note: Tissue culture lab  
VNMKV Parbhani





Latitude: 19.251718  
Longitude: 76.797495  
Elevation: 408.27±19.94 m  
Accuracy: 1474.00 m  
Time: 20-09-2023 11:03:13  
Note: Tissue culture lab  
VNMKV Parbhani



Latitude: 19.252067  
Longitude: 76.792294  
Elevation: 408.27±19.94 m  
Accuracy: 2558.00 m  
Time: 20-09-2023 11:06:15  
Note: Tissue culture lab  
VNMKV Parbhani







After visit to 'Tissue Culture Center' we also visited to the Vermicompost Unit and We have also visited Biofertilizer center in the Department of Soil Science where Students acquired Knowledge about the 'Vermicompost Production' and Production of Biofertilizers and it's significance.







It was very informative day for the students and they got knowledge about Tissue Culture technique and Principal and Use of different instruments as well. They also come to know about the Importance and procedure for production of Vermicompost and Biofertilizers.



## कै.र.व.महाविद्यालयाच्या विज्ञान शाखेची क्षेत्रभेट संपन्न

सोनपेठ (दर्शन) :- सोनपेठ येथील कै.र.व.महाविद्यालयाच्या वनस्पतीशास्त्र, रसायनशास्त्र, प्राणीशास्त्र व सूक्ष्मजीवशास्त्र या विभागांच्या वतीने वसंतराव नाईक मराठवाडा कृषी विद्यापीठाच्या विविध विभागांतील संशोधन प्रयोगशाळा व उपकरणांच्या माहितीसाठी क्षेत्रभेट देण्यात आली. शहरातील कै.र.व.महाविद्यालयाच्या विज्ञान शाखेच्या विविध विभागांच्या सहलीचे आयोजन करण्यात येते. त्याचाच एक भाग म्हणून एक दिवशीय क्षेत्रभेटीचे आयोजन करण्यात आले होते.या क्षेत्रभेटीच्या दरम्यान उती संवर्धन विभाग, कीटकशास्त्र विभाग व कृषी महाविद्यालयाच्या जैविक खत निर्मिती प्रकल्प, माती परीक्षण विभाग व सूक्ष्म अन्नपुरवठा निर्मिती प्रकल्प यांना भेट देण्यात आली. या



भेटीदरम्यान उती संवर्धन विभागाचे विभाग प्रमुख डॉ. दौंडे व प्रा. वाडीकर, कीटकशास्त्र विभागाचे प्रा.डॉ. झंवर व प्रा. डॉ. राजरत्न खंदारे, कृषी महाविद्यालयाचे प्राचार्य डॉ. इस्माईल सय्यद, माती परीक्षण विभागाच्या

डॉ. शिल्वंत यांचे मार्गदर्शन लाभले. विद्यार्थ्यांना क्षेत्रभेटीचे मार्गदर्शक म्हणून प्रा. डॉ. मुकुंदराज पाटील, प्रा. डॉ. संतोष रणखांब, प्रा.निता रसाळ, प्रा.श्रद्धा भोसले, शैलजा भोसले हे यावेळी सोबत होते. एकूण ३२ विद्यार्थ्यांनी या सहलीत सहभाग नोंदवला.

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