



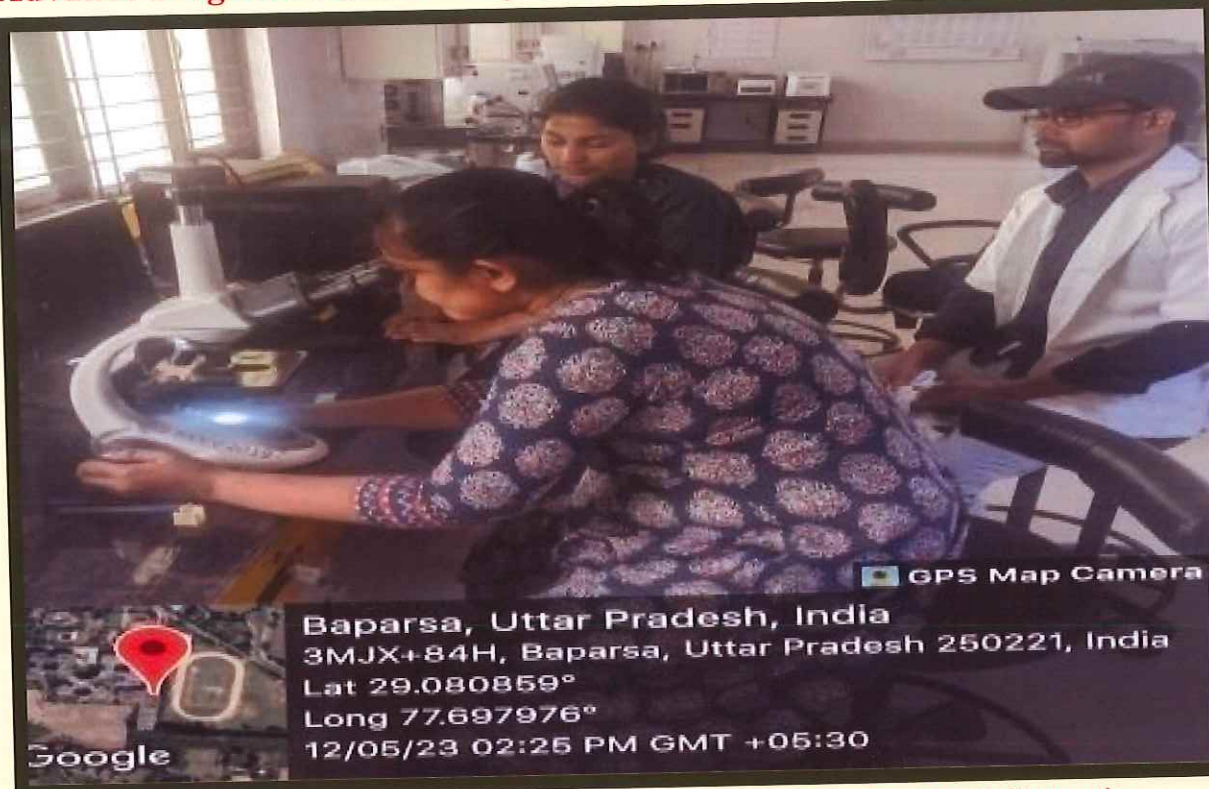
**Sardar Vallabhbhai Patel University of Agriculture & Technology,  
Meerut – 250110**

**Glimpses  
of  
Research Facilities**

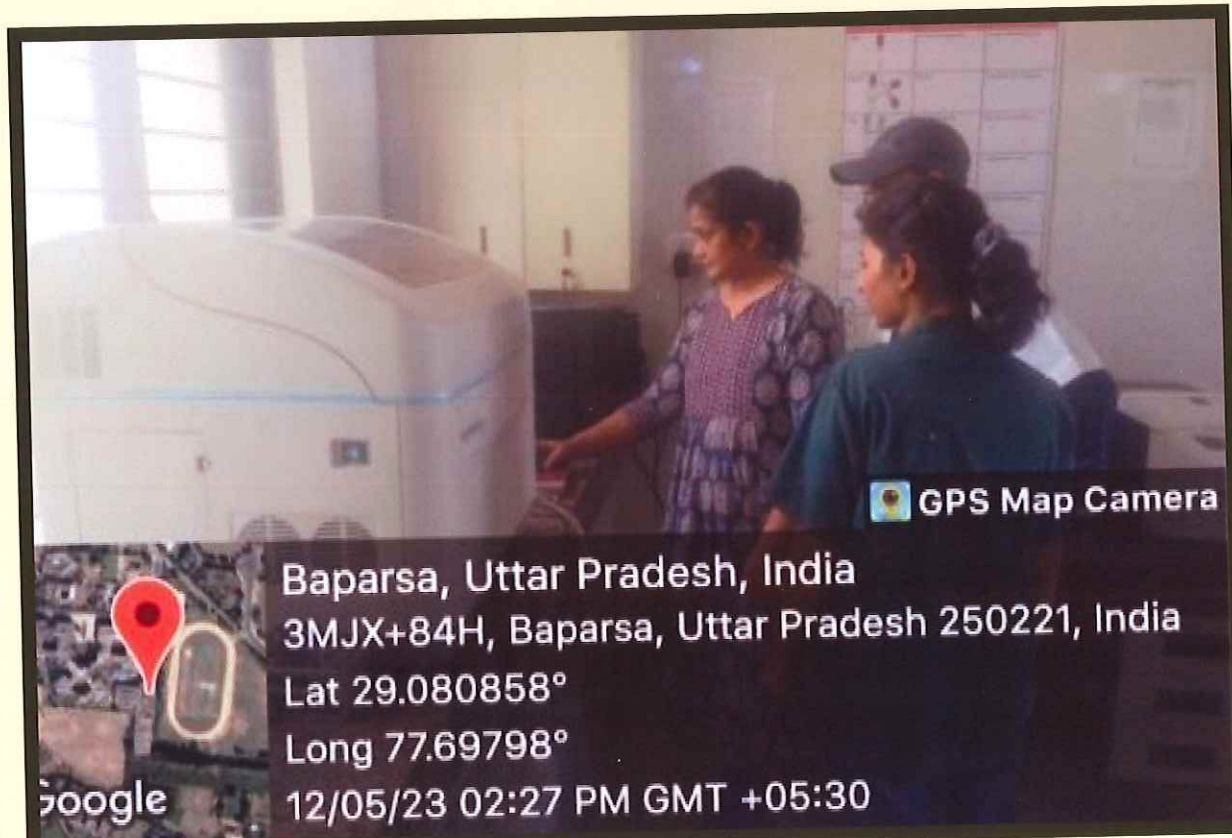
<b>Central Instrumentation Facility</b>
<b>Advance Biotechnology Laboratory</b>
<b>Bio-agents production Laboratory</b>
<b>Critical care unit for farm and companion animals</b>
<b>Phyto- Nematology Laboratory</b>
<b>Micro- Nutrient Laboratory</b>
<b>Referral analytical laboratory for microbial toxins and environmental pollutants/toxicants.</b>
<b>Centre of Excellence on Basmati Rice</b>
<b>Centre of Excellence for Sanitary and Phyto sanitary certification</b>
<b>Advance Diagnostic Laboratory</b>
<b>Centre of Excellence on Agricultural Biotechnology</b>
<b>Formalin less Animal Anatomy Educational Museum</b>
<b>Crop Research Centre</b>
<b>Horticulture Research Centre</b>
<b>Instructional Livestock Farm Complex II</b>
<b>Vermi compost Unit</b>
<b>Golden jubilee Forage Garden</b>
<b>Plant Health Clinic</b>
<b>Poly house and Green house</b>
<b>The Veterinary Clinical Complex</b>
<b>Large Animal Clinic</b>
<b>Small Animal Clinic</b>
<b>Central Instrumentation Facility in COVAS</b>
<b>Tissue Culture Laboratory</b>
<b>Bioinformatics Infrastructure Facility, BTISNET</b>
<b>Livestock Products Technology Laboratory</b>
<b>Lab Animal Facility</b>
<b>Poultry Research and Training Centre</b>
<b>Livestock Research Centre</b>
<b>Non destructive food analysis laboratory</b>

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S.V.P. University of Agriculture & Tech.  
Meerut-250110 (U.P.)

## Advance Diagnostic Laboratory for Identification of Livestock Diseases



Dr. Jeny K John Assistant Professor demonstrating **microscopy based diagnostics**

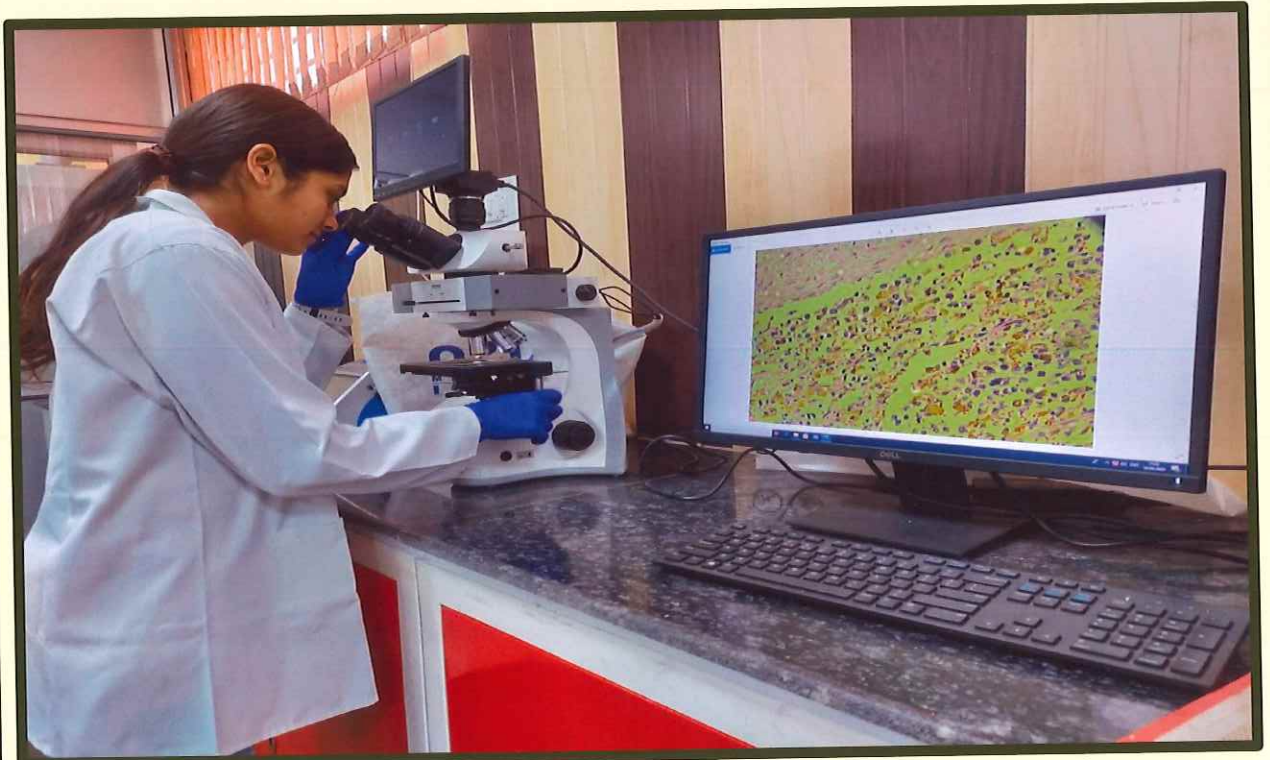


Dr. Jeny K John Assistant Professor demonstrating **gel documentation system** to students

## Central Instrumentation Facility



The post graduate students of the university performing heavy metal estimation on recently upgraded **Inductively coupled plasma mass spectrometer** in central instrumentation facility



Post Graduate student of the university working on recently upgraded Equipment **Fluorescence microscope** in Central Instrumentation Facility on 15/11/2022

## Central Instrumentation Facility



PhD scholar of the university working on recently upgraded equipment **Real Time PCR** in Central Instrumentation Facility



Post Graduate student of the university working on recently upgraded equipment **I Fusion centrifuge** in Central Instrumental Facility

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## Advanced Biotechnology Lab



Post Graduate Student of the university processing Animal Tissue for RNA extraction in Advanced Biotechnology Lab

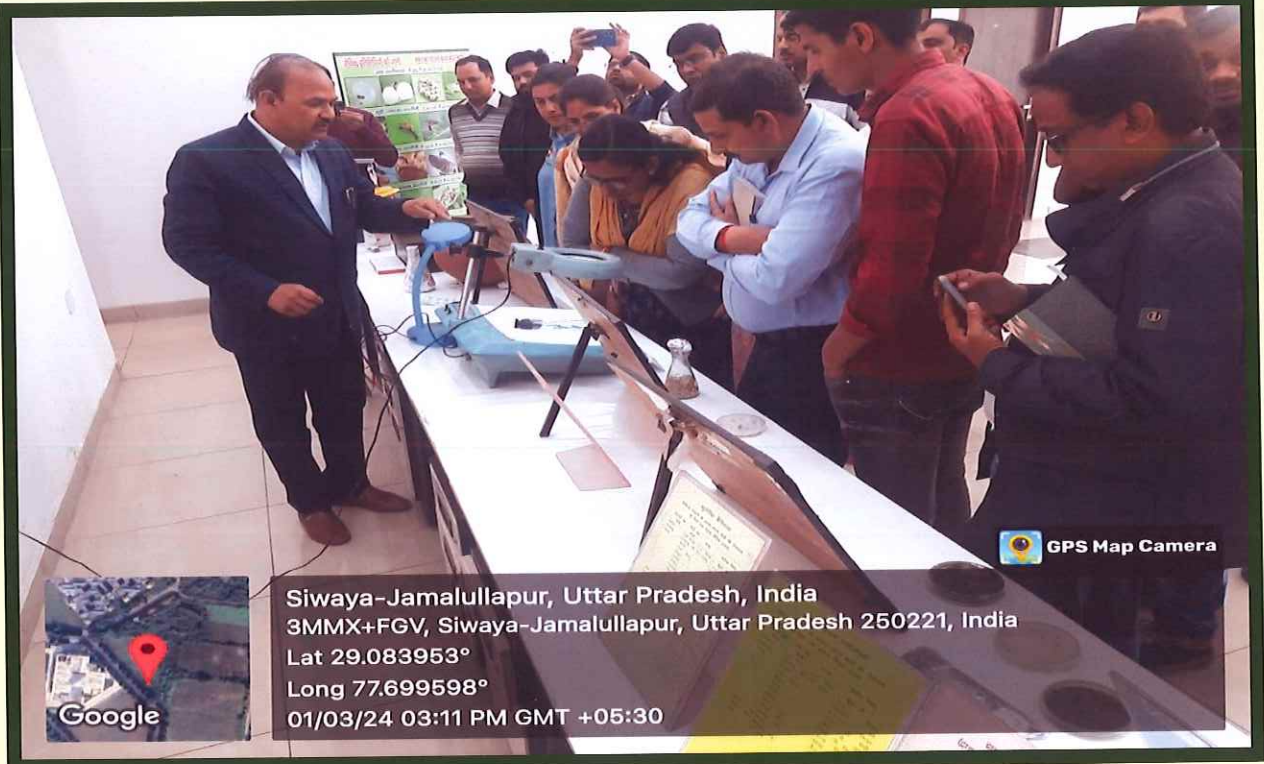


Post Graduate students of the university performing cDNA synthesis for their thesis work in Advanced Biotechnology lab

## Bio-agents production Laboratory



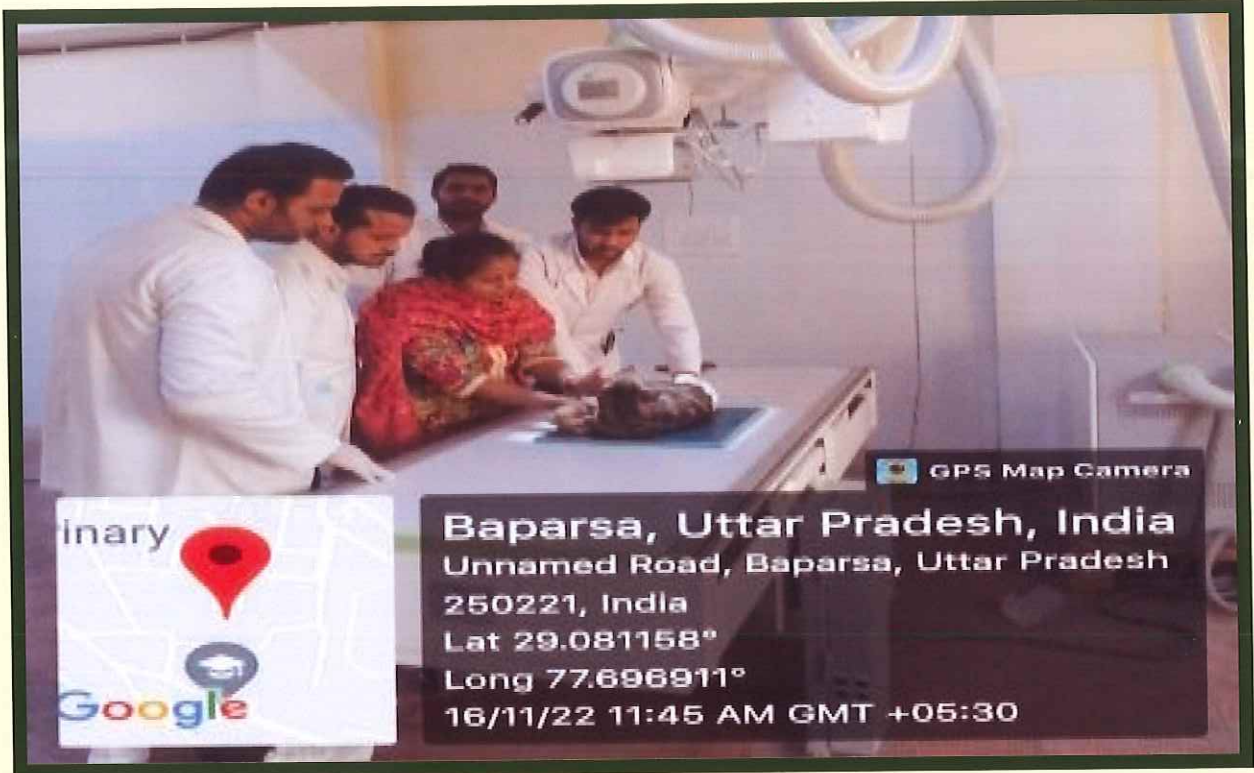
**Dr. Rajender Singh, Professor introducing biocontrol agents to school students**



**Dr. Rajender Singh, Professor showing Trichoderma under microscope to trainees in a training programme**

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## Critical Care Unit for farm and companion animals



Veterinary students of the university performing **X-ray** of dog patient in critical care unit on 16/11/2022



Veterinary students of the university performing **Fluid therapy** of critically ill dog on 5/11/2023

## Phyto-Nematology Laboratory



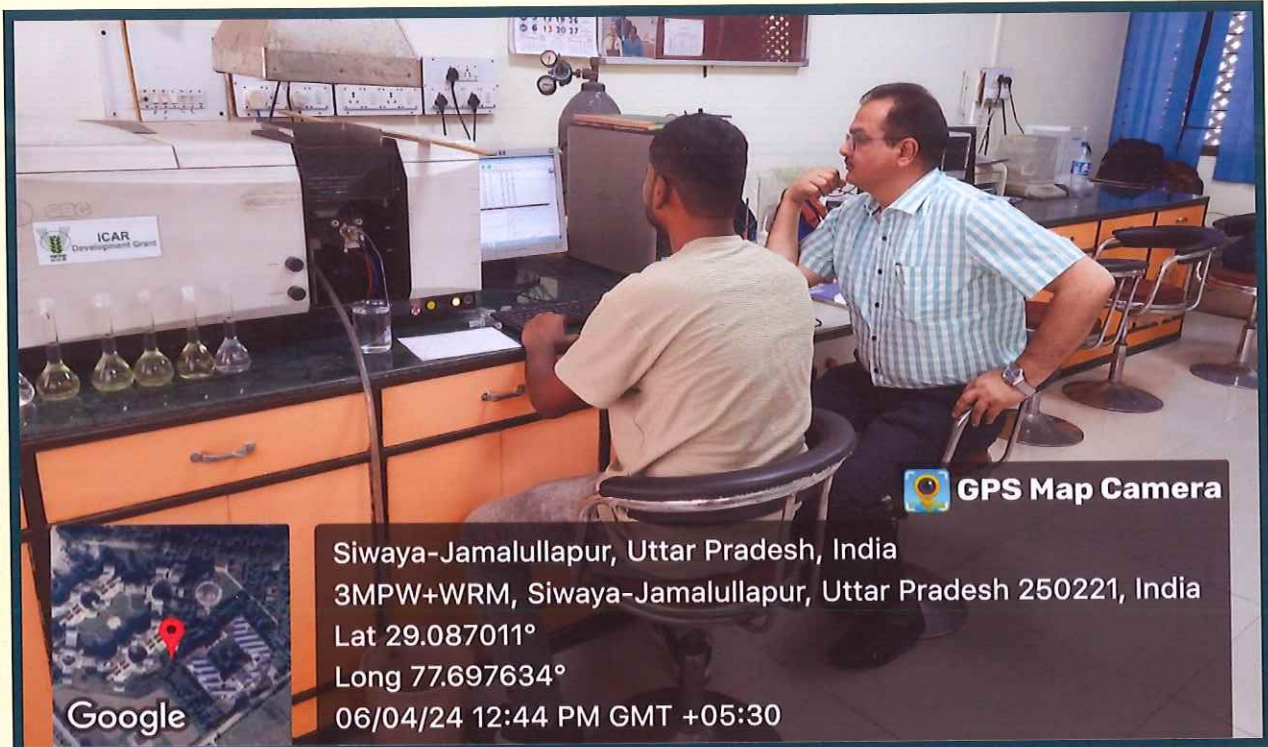
The students of the university working on nematodes under microscope for their PhD thesis work



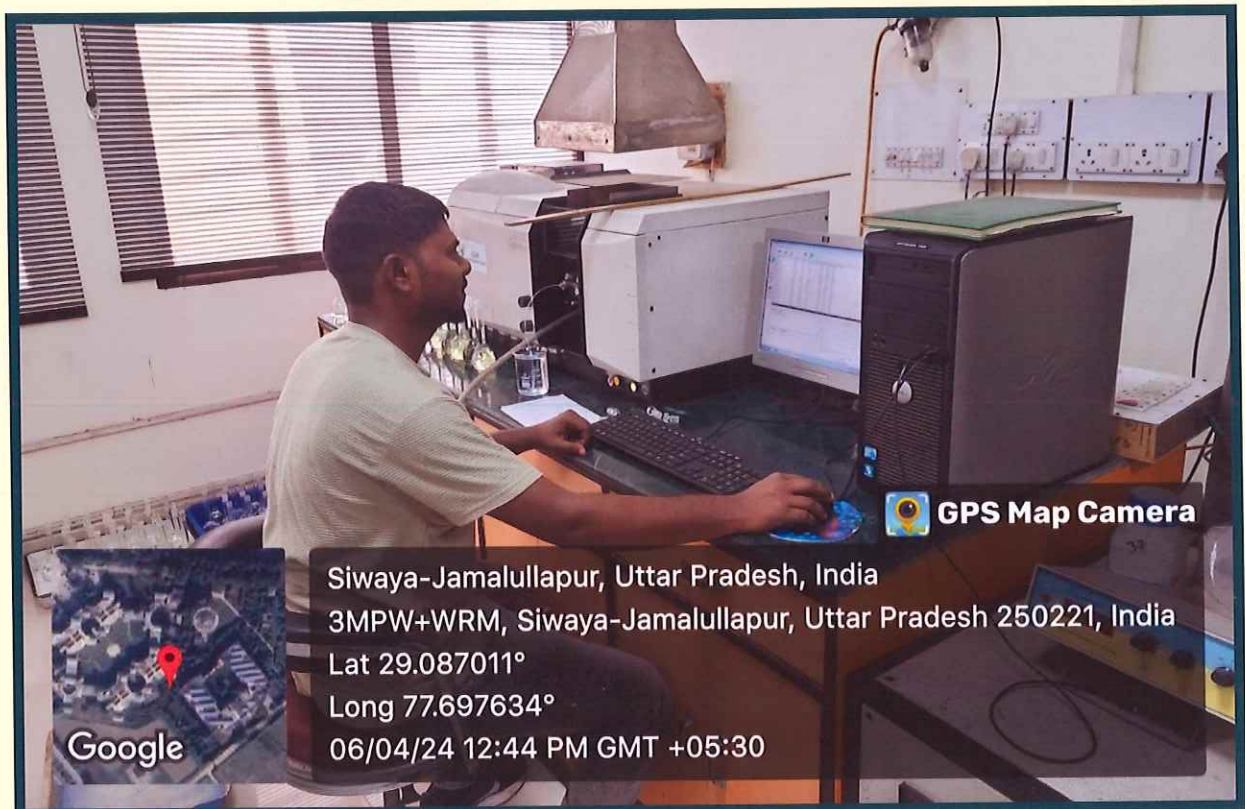
The student of the university working on nematodes in Phyto-nematology lab for her PhD thesis



## Micro Nutrient laboratory



Dr U.P. Shahi Professor of the university along with PhD student working on upgraded **Atomic Absorption Spectrometer** in Micro nutrient laboratory



PhD scholar of the university working on upgraded **Atomic Absorption Spectrometer** in Micro nutrient laboratory

**Referral analytical laboratory for microbial toxins and environmental pollutants/ toxicants**



**The students of the university performing haematology of blood sample in Referral analytical laboratory**

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## Centre of Excellence on Basmati Rice



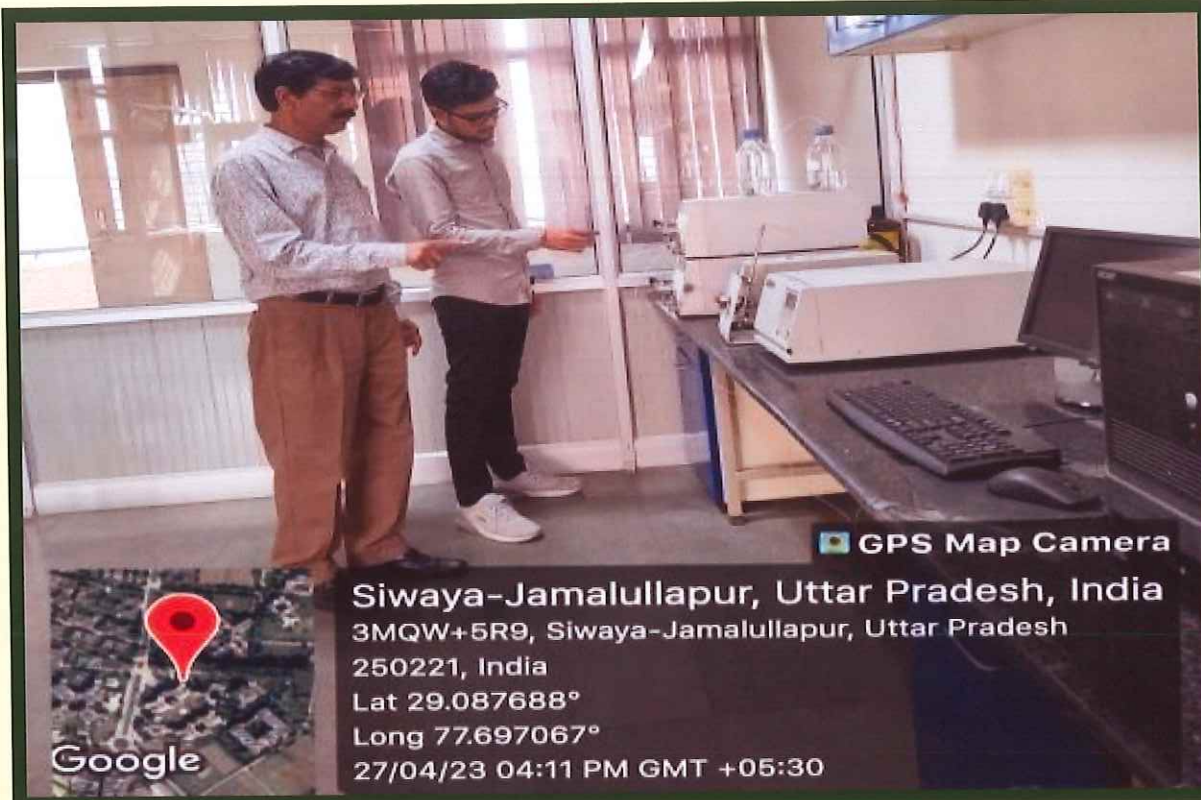
The Post graduate student of the university is working on **rice hulling equipment** in Centre of excellence on Basmati rice



Siwaya-Jamalullapur, Uttar Pradesh, India  
3MPW+XQ2, Siwaya-Jamalullapur,  
Uttar Pradesh 250221, India  
Lat 29.087352°  
Long 77.696855°  
15/11/22 05:05 PM GMT +05:30

Dr. Kamal Khilari, Professor introducing basmati rice characteristics to the students of the university

## Centre of Excellence for Sanitary and Phyto sanitary certification



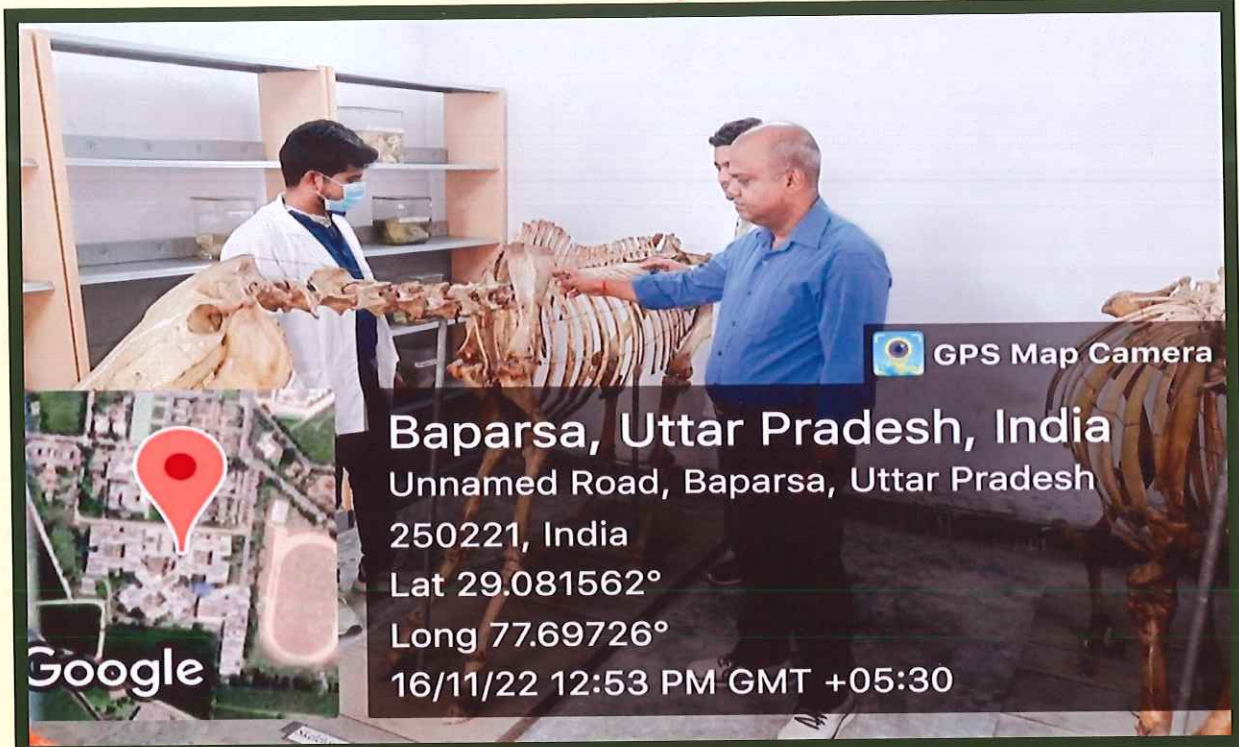
Dr. Ramesh Singh, Proffessor explaining **HPLC** operational protocol to PG student



Director NIPGR visiting sanitary & phyto-sanitary laboratory and interacting with students on working phytosanitary in lab.

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## Formalin less Animal Anatomy Educational Museum



Dr. Prabhakar Kumar, Associate Professor explaining Anatomy of cattle to Veterinary Students



Veterinary students observing anatomy samples in museum with Dr. Prabhakar Kumar

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## Crop Research Centre



**Research scholars from Department of Genetics and Plant Breeding making crosses in Indian mustard for their PhD thesis**

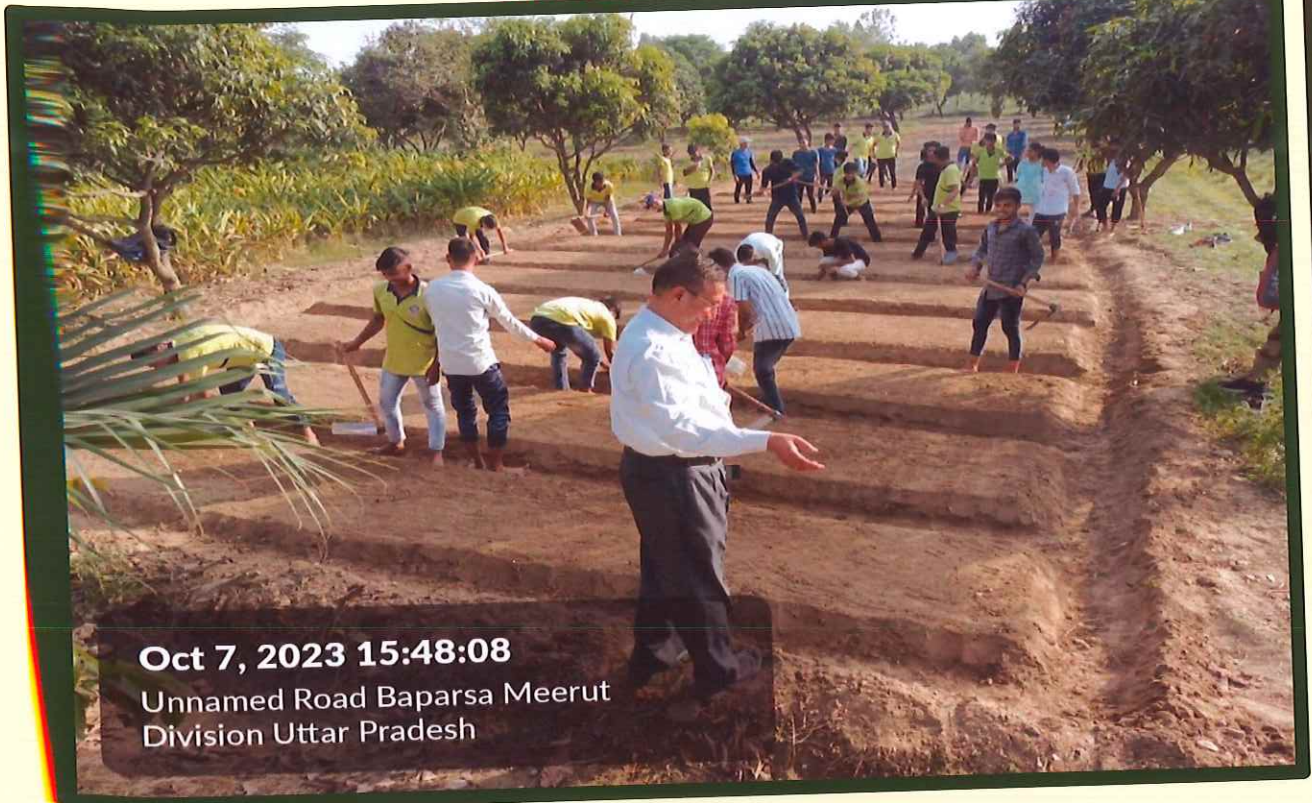


**Research scholars from Department of Genetics and Plant Breeding making crosses in wheat for their PhD thesis research work**



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## Horticulture Research Centre



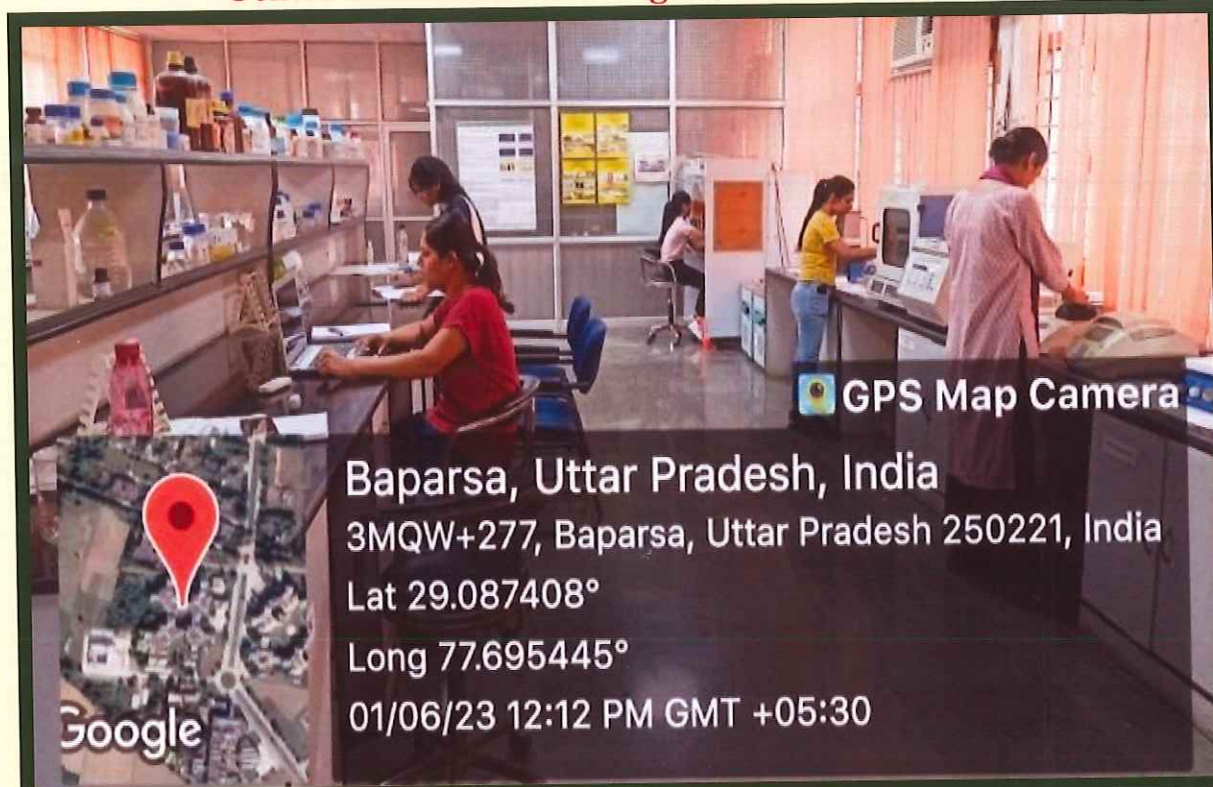
**Oct 7, 2023 15:48:08**  
Unnamed Road Baparsa Meerut  
Division Uttar Pradesh

**Dr. Satya Prakash, Professor of the university explaining method of bed preparation for vegetable cultivation to students at Horticultural Research Station**



**Post Graduate Students of the university recording observations in Strawberry experiment for their thesis work**

## Centre of Excellence on Agricultural Biotechnology



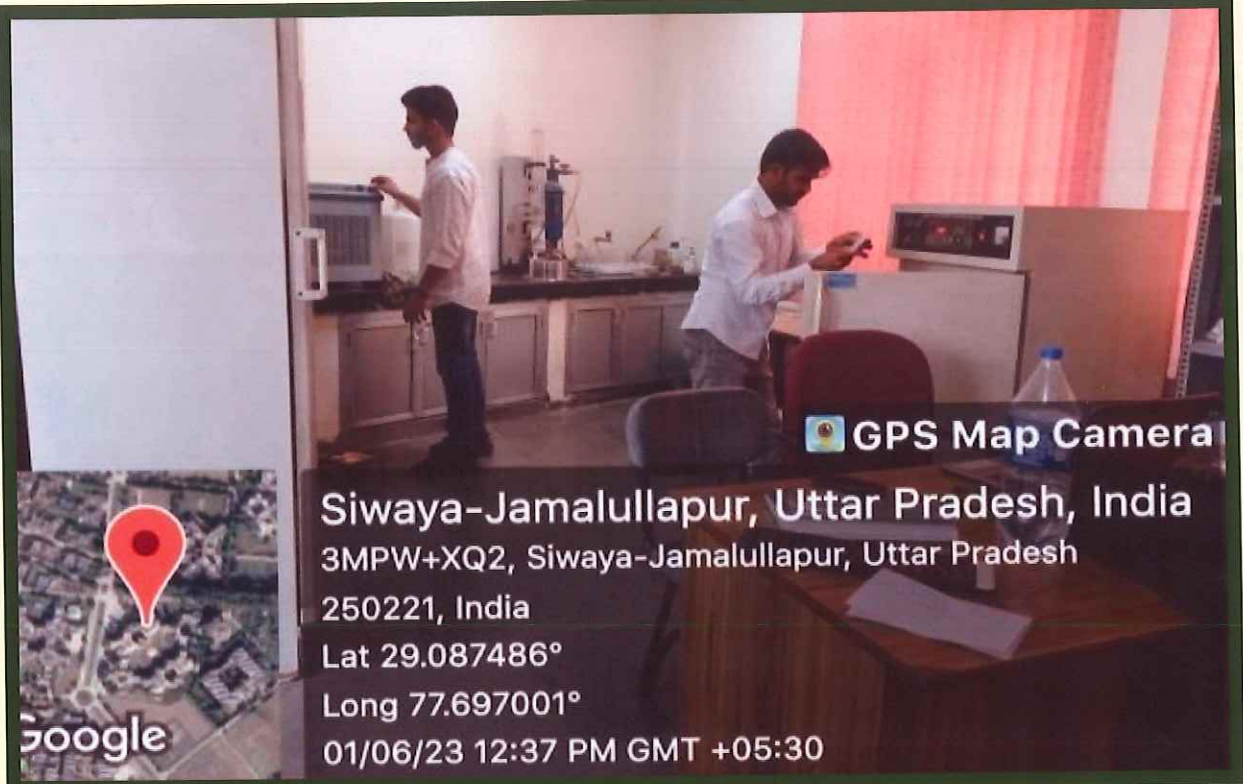
PG students performing research protocols for their thesis work

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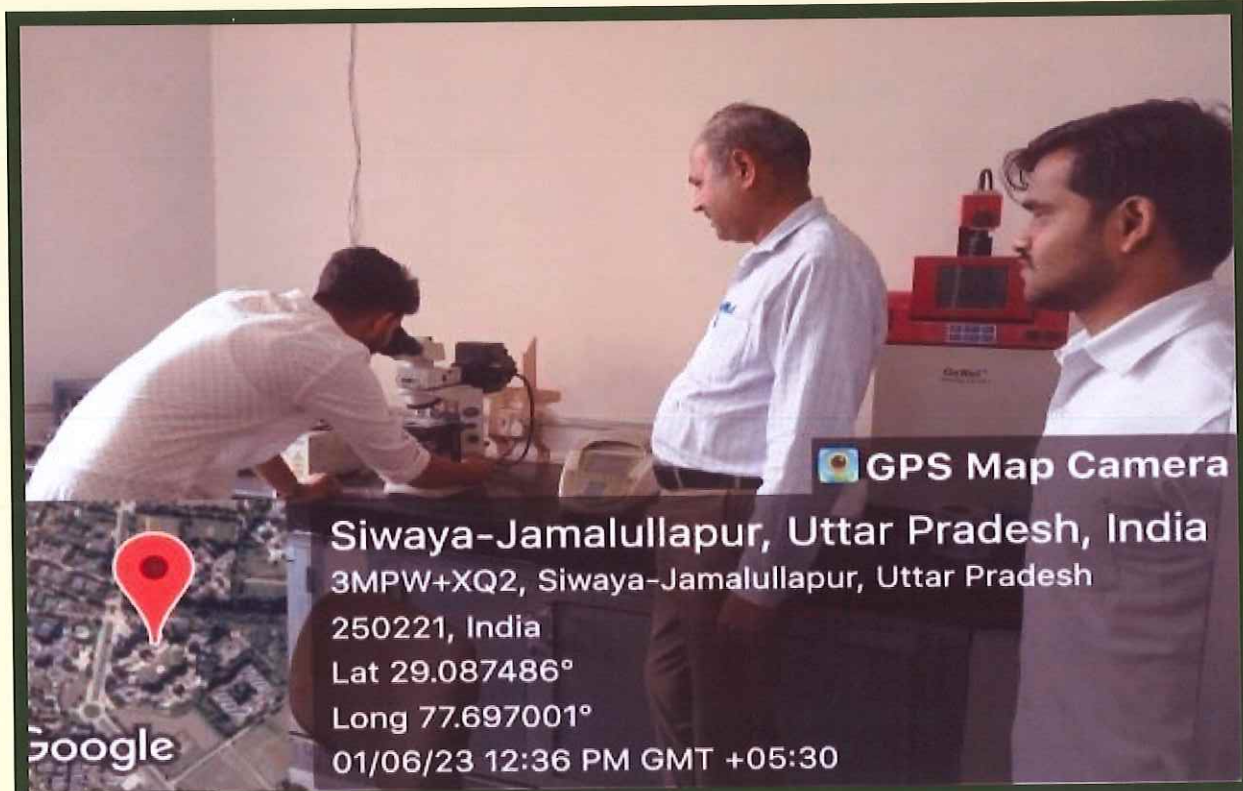
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## Plant health clinic



PhD students of the university working on **BOD incubator** in Plant Health Clinic Lab



Dr. Prashant Mishra explaining characteristics of fungi under microscope to the post graduate students in Plant Health Clinic Lab

  
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## Poly house and Green house



Dean Horticulture and Dr. Vipin Kumar observing students experiment on lettuce cultivation in vertical farming system at Poly house facility



Students learning Cucumber cultivation in Grow bags at Poly house facility

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## The Veterinary Clinical Complex



Dr. Atul Kumar Patel demonstrating students disease investigation in dog to the B.V.Sc students of the university



Dr. M. V. Jatin Assistant Professor educating disease investigation in Dog to the students

## Large Animal Clinic



Dr. Arbind Kumar, Assistant Professor of the university with the students dehorning buffalo at large animal clinic



The students of university with Dr. Arbind Kumar, Assistant Professor learning dehorning of buffalo at large animal clinic

## Small Animal Clinic

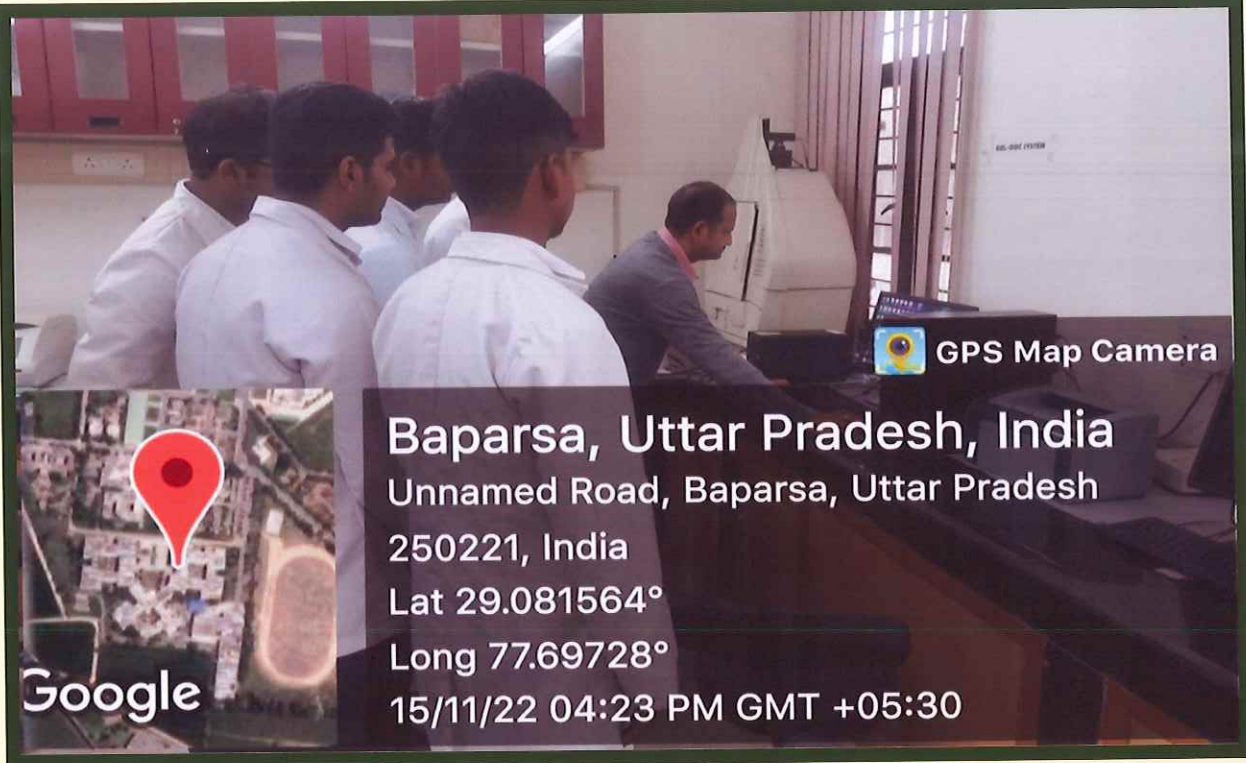


Dr. Ajeet Kumar Singh, Assistant Professor demonstrating **ultrasound** to students in Small animal clinic



Dr. M. V. Jatin Assistant Professor and veterinary students recording observations on Dog in Small animal clinic

## Central Instrumentation Facility



Baparsa, Uttar Pradesh, India

Unnamed Road, Baparsa, Uttar Pradesh

250221, India

Lat 29.081564°

Long 77.69728°

15/11/22 04:23 PM GMT +05:30

Dr. Kaushlesh Ranjan, Assistant Professor demonstrating **gel documentation system** to students



Baparsa, Uttar Pradesh, India


Unnamed Road, Baparsa, Uttar Pradesh

250221, India

Lat 29.081567°

Long 77.697256°

15/11/22 04:25 PM GMT +05:30

The veterinary post graduate students working on **Bio-safety cabinet** for thesis work 

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## Tissue Culture Laboratory

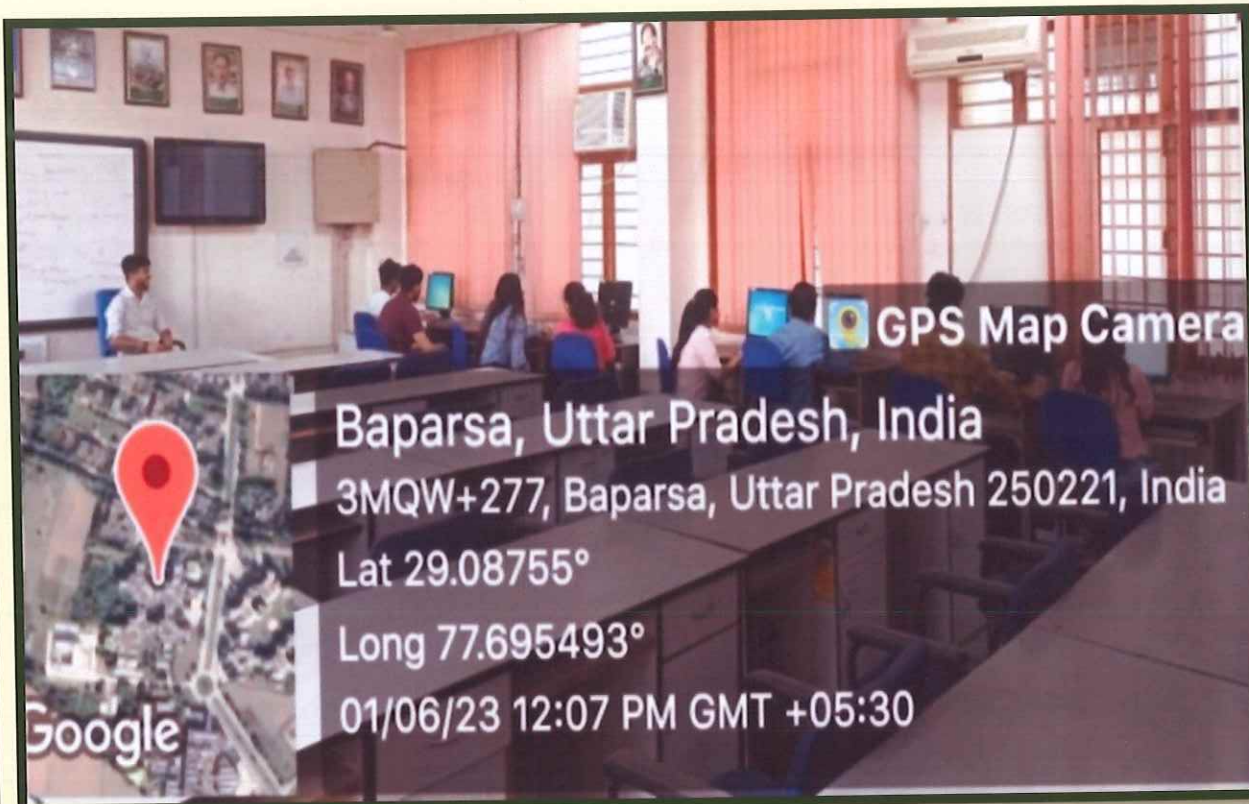


Dr. R. S. Sengar showing **tissue cultured plants** in culture tubes to students



Dr. R. S. Sengar showing hardening of tissue cultured plants to school children

## Bioinformatics Infrastructure Facility



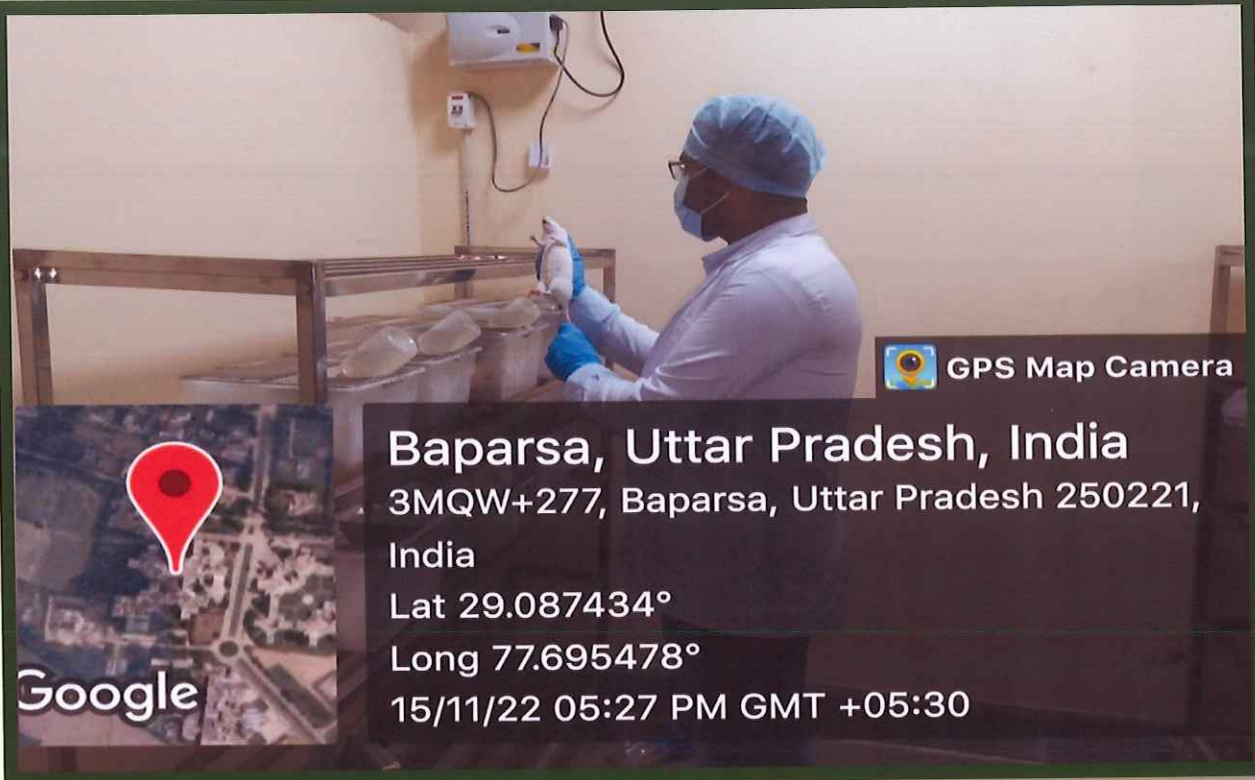
Training Programme for the students of Biotechnology in Bioinformatics Facility



Dr. Akhilesh Kumar Verma, Assistant Professor of the university working on recently upgraded equipment **Protein analyzer** in Livestock Products Technology Analytical Laboratory



## Lab Animal Facility



The post graduate student of the university performing experiment on mice for thesis work



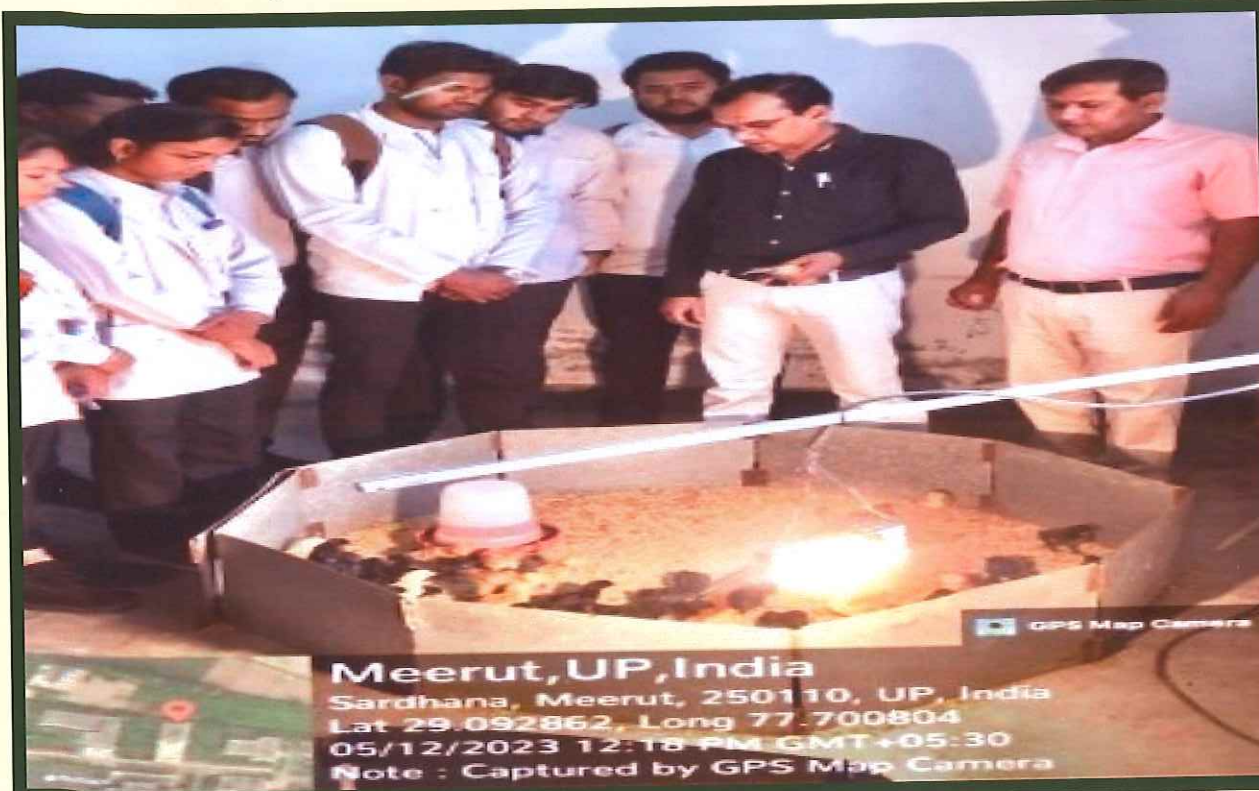
The post graduate student of the university performing experiment on rabbit for thesis work

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## Poultry Research and Training Centre



Dr. D.K. Singh Professor teaching poultry breed characteristics to veterinary students



Dr. Manoj Kumar Singh, Asso. Prof. explaining brooding in poultry to veterinary students

  
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