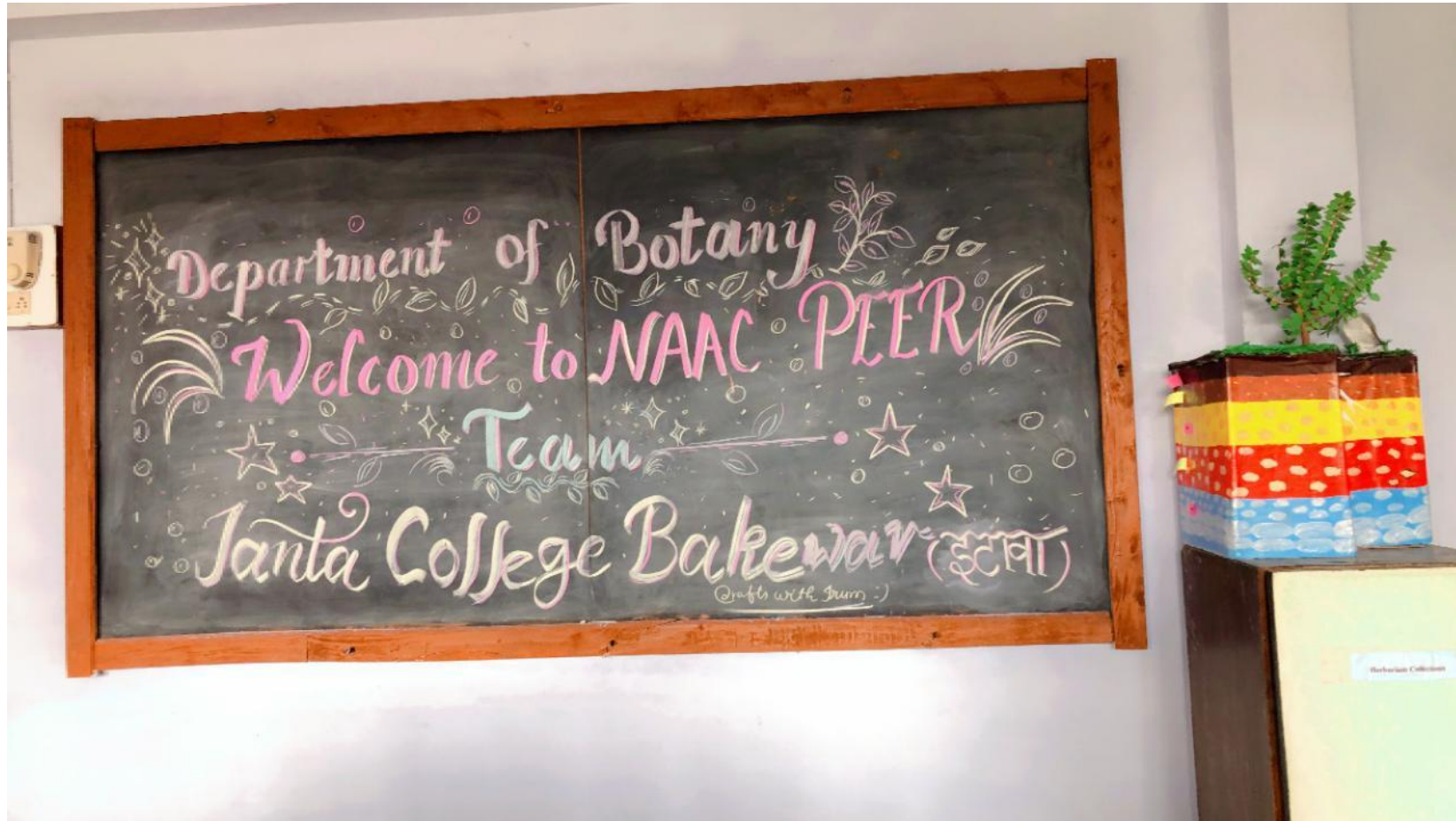


Department of Botany



Janta College Bakewar, Etawah
Affiliated to CSJM University Kanpur ,UP

Welcome to NAAC Peer Team





Department of Botany

▶ **Established in 1960**

▶ **Sanctioned posts in Botany -03**

▶ **Co-ordinator**

Dr. Lalit Gupta (Professor and Head)

▶ **Teacher**

Miss Irum Saleem (Assistant professor SF scheme)

Vacant -02 Post



Teacher's Profile

Irum Saleem

• M.Sc. , M.A.

• D.El.Ed.

• CTET ,TET QUALIFIED

• B Grade certificate in computer

• Calligrapher

Supporting Staff

Mr. Vinay Kumar Shukla (Lab Assistant)

Mr. Manoj (Lab Attendant)

Seats

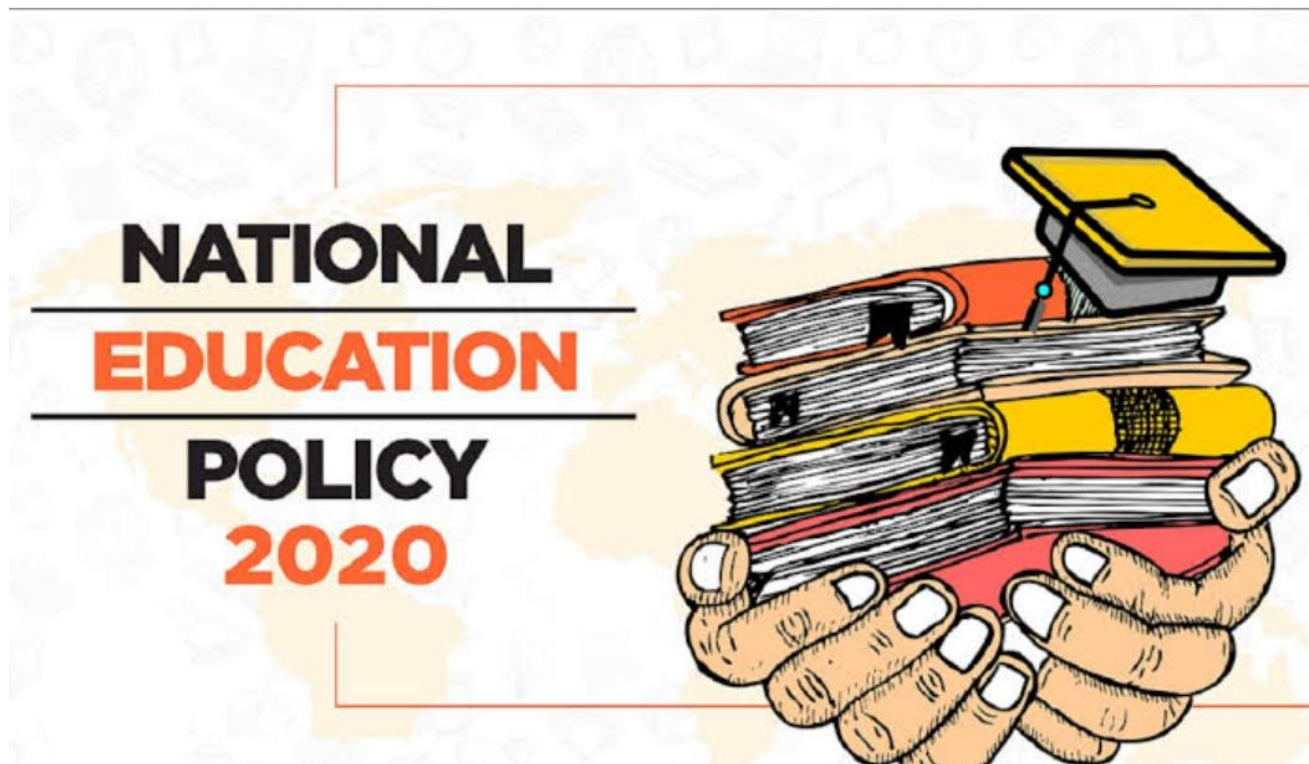
- ▶ UG (Botany) - 160
- ▶ Current Strength-160



▶ Course and Curriculum

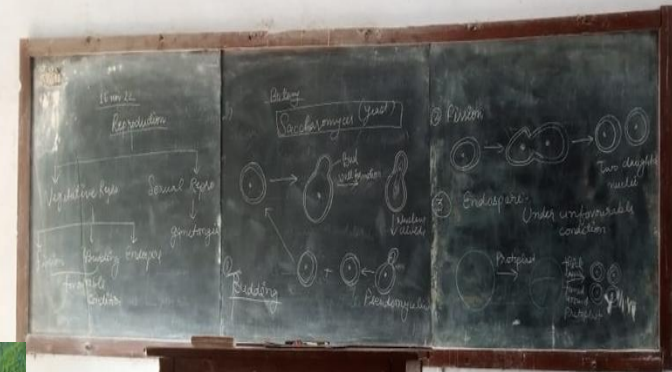
Department follows NEP 2020 since 2021-22 as per instruction of university.

Semester system



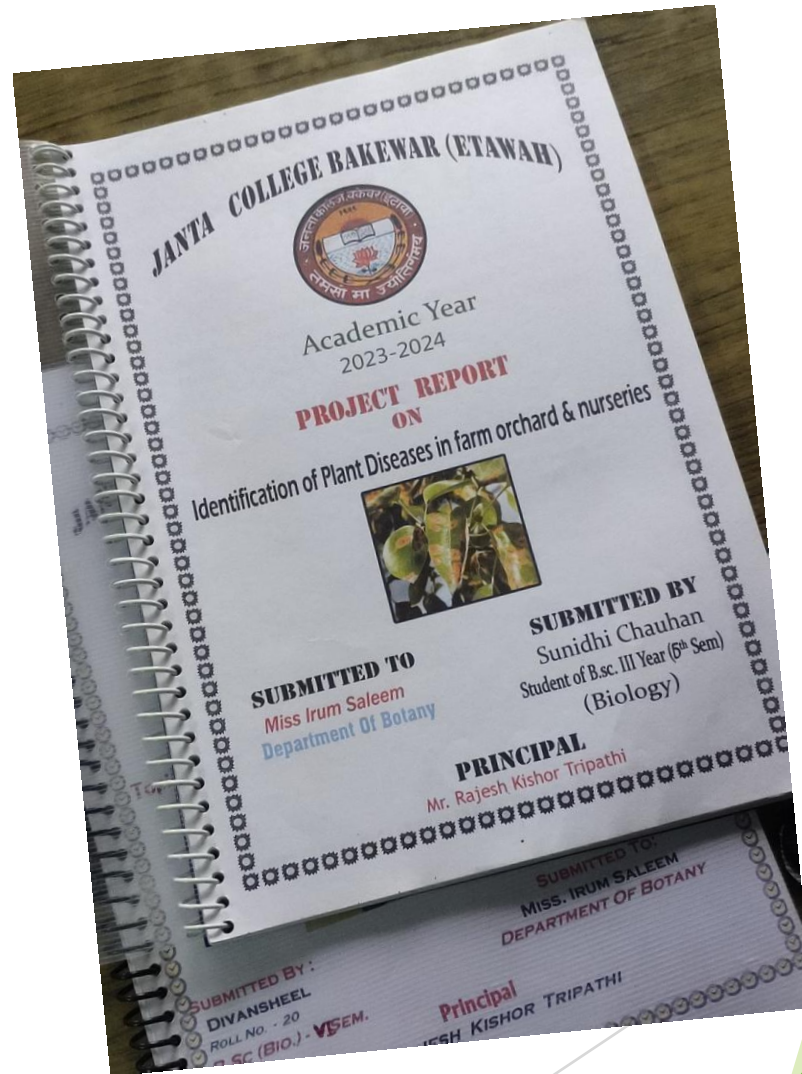
Teaching Methods

- ▶ Chalk & Talk method
- ▶ Assignment/Projects
- ▶ Practicals
- ▶ Study tour
- ▶ Student Seminars
- ▶ Remedial classes
- ▶ field visits



► Evaluation

- Question answer in class
- Mid term exams
- Assignments
- Project
- End term exam
- Student presentation of assignments



Results

Year	UG (%)	
2018-2019	89%	
2019-2020	90%	
2020-2021	95%	
2021-2022	96%	
2022-2023	98%	

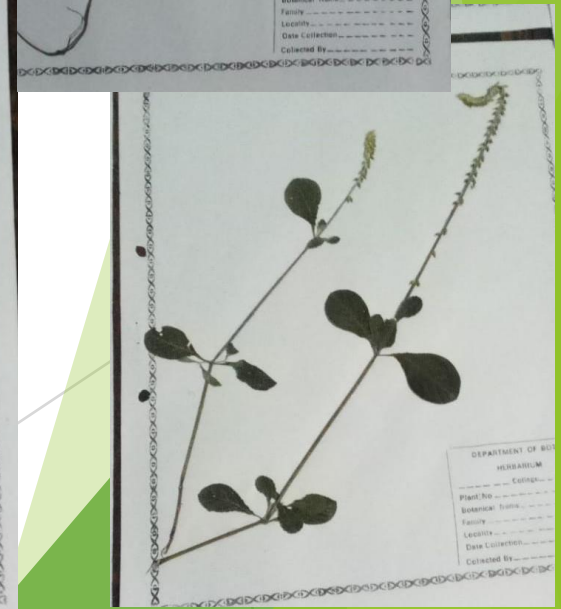
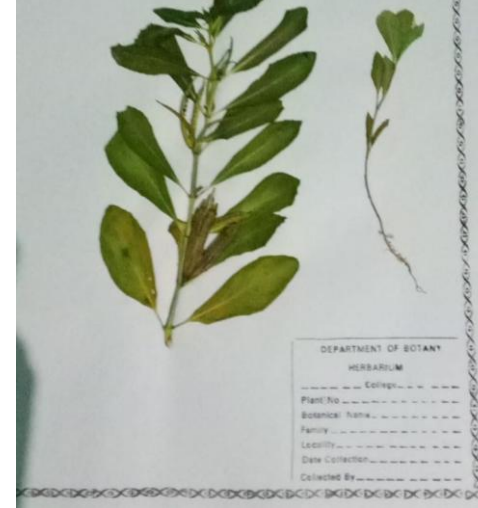
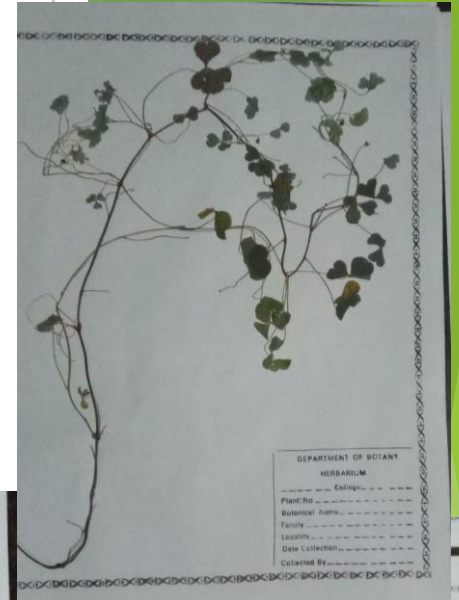
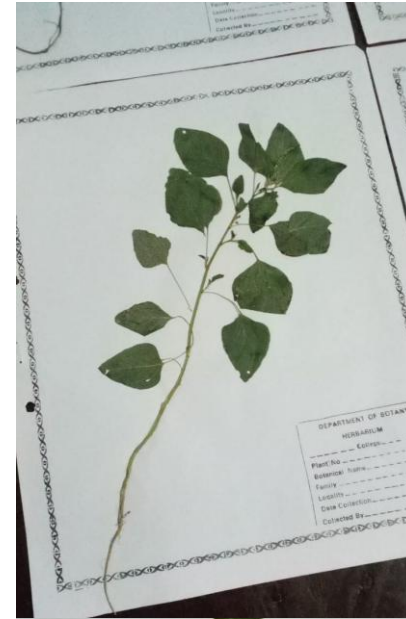
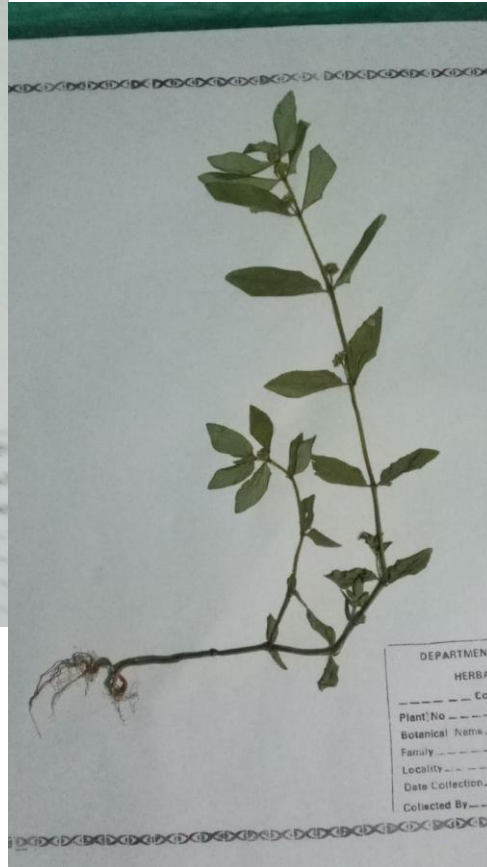
Micro Teaching By Students



Laboratory

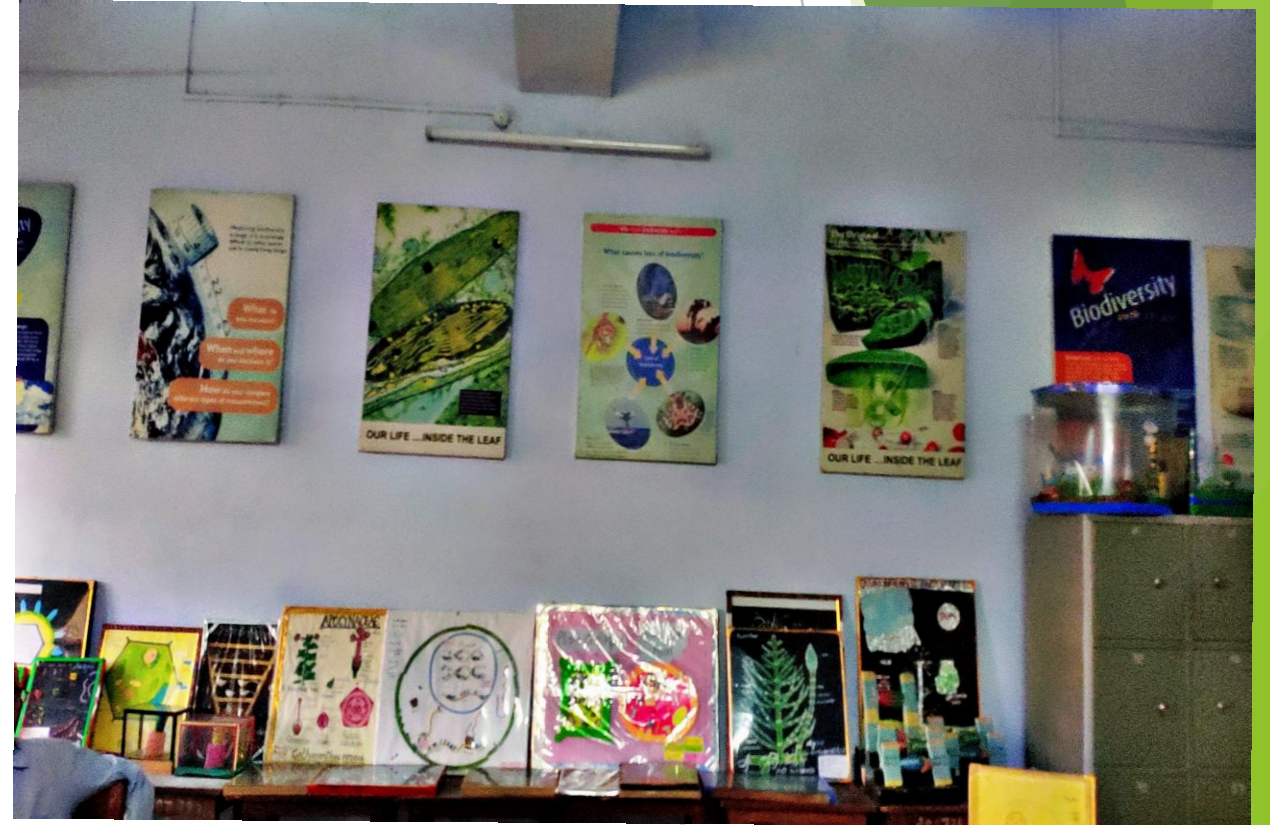


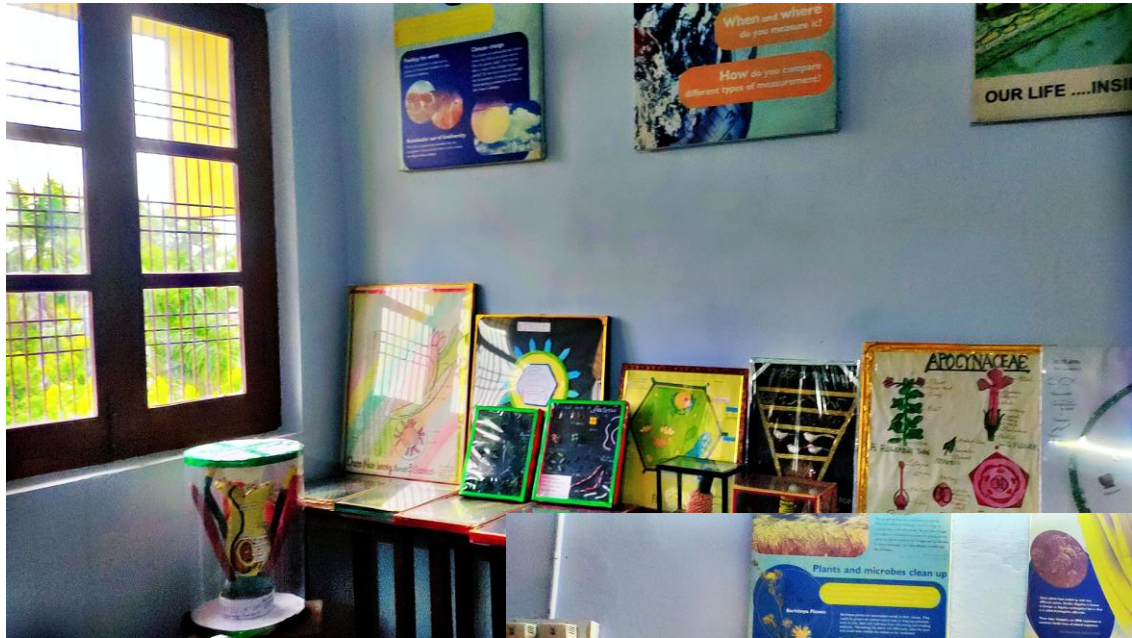
Herberium Collection



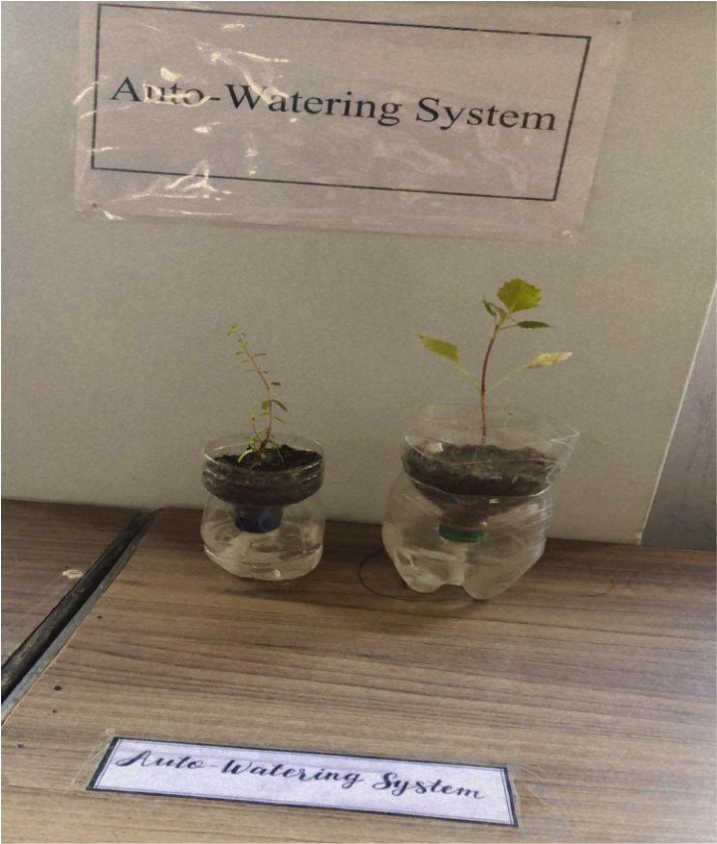
Models Prepared By Students







Auto Watering System



Soil Profile



Transpiration Model



▶ Research Projects

- *Flora of a city/Village.
- *Rare and Endangered species.
- *Air pollution.
- *Plant disease identification in farms, nurseries and orchards.



Equipment List

- 1-Camera Lucida
- 2-Micrometer Ocular
- 3-Micrometer Stage
- 4- Magnifier Torch
- 5-Hot Plate
- 6- Double demonstration eye piece
- 7- Graph eye piece
- 8- Pointer eye piece
- 9- Wes box slide projector reflector
- 10- Dissecting microscope

- 11- Slide Cabinet
- 12-Binocular Microscope
- 13-Herbarium cabinet
- 14- universal arm
- 15-Epi illuminator
- 16-Stereoscopic Microscope
- 17- Trinocular
- 18-Monocular Microscope
- 19-Plant press

Botany Department
Janta College, Bakewar (Etawah)

S.No.	Equipments Name
1	Camera Lucida
2	Micrometer Ocular
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16	Stereoscopic microscope
17	Trinocular microscope
18	Monocular microscope
19	Plant press

INSTRUMENTS

MICROSCOPE



DISSECTING MICROSCOPE
(10)



MONOCULAR MICROSCOPE
(02)



HSA MICROSCOPE
(67)

MICROSCOPE



STEREO MICROSCOPE
(01)

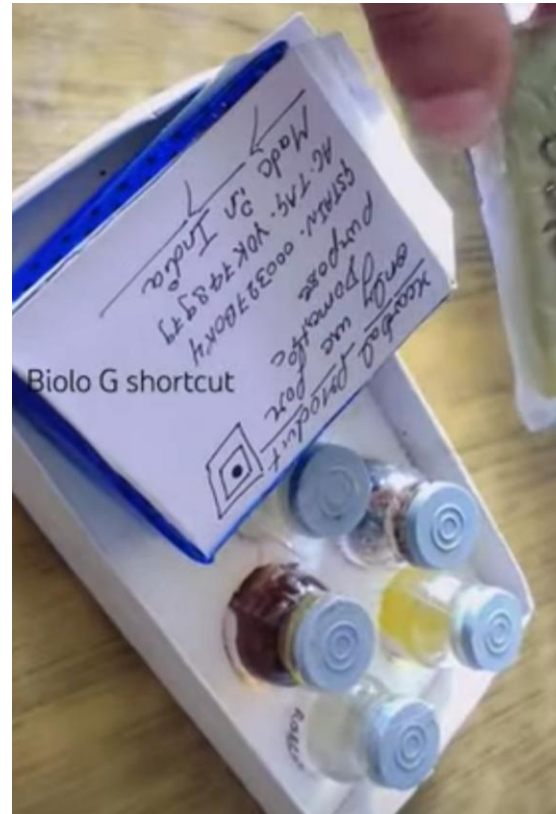


BINOCULAR MICROSCOPE
(02)



TRINOCULAR MICROSCOPE
(05)

Specimen Collection By Students



Miniature Gardens

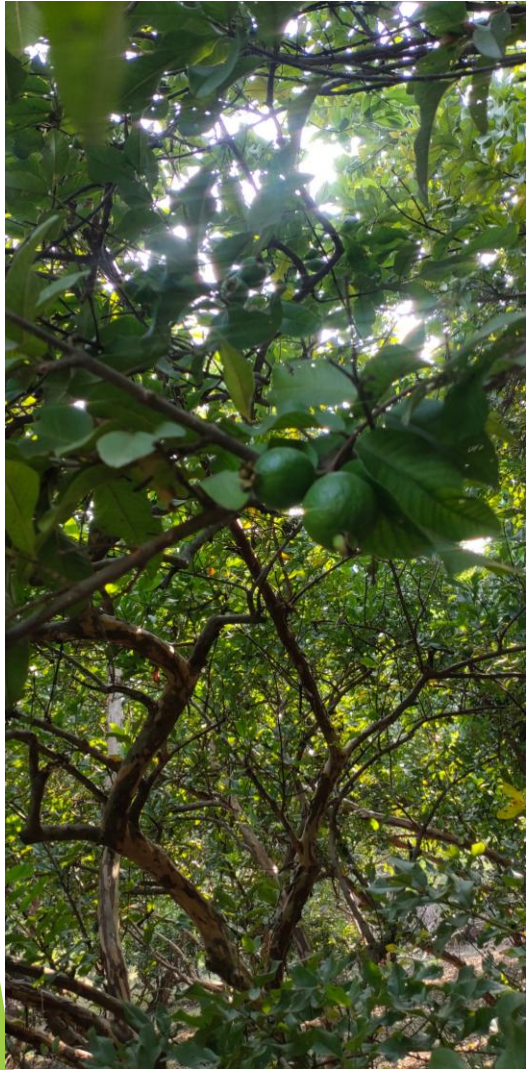


vivo V23 - Zakir husain
Oct 31, 2023, 14:03

Hydroponic



► Visit to Orchard September, (2022)



Janta College
Bakewar, Etawah



Educational Tour of Botanical Garden (NBRI) (Lucknow)



एक दिवसीय शैक्षिक भ्रमण कार्यक्रम का हुआ आयोजन



चेतना कार्यालय/बकेवर। जनता कॉलेज बकेवर, के जंतु विज्ञान विभाग, वनस्पति विज्ञान विभाग एवं बायोटेक्नोलॉजी विभाग के छात्र-छात्राओं के लिए एनबीआरआई बोटैनिकल गार्डन, लखनऊ तथा नवाब वाजिद अली शाह जूलॉजिकल गार्डन, लखनऊ एकदिवसीय शैक्षिक भ्रमण कार्यक्रम आयोजित किया गया। कार्यक्रम संयोजक डॉ ललित गुप्ता के निर्देशन में छात्र-छात्राएं बस द्वारा लखनऊ गए। लखनऊ पहुंचकर एनबीआरआई के डॉ प्रसाद के निर्देशन में छात्र-छात्राओं ने कंजरवेटरी, सायकस गार्डन, ब्रायोफाइट गार्डन, टेरिडोफाइट गार्डन का अवलोकन किया तथा जानकारी को डायरी में नोट भी किया। इस भ्रमण कार्यक्रम को सफल बनाने में प्रो ईरम सलीम, डॉ शैली यादव, रमेश चंद्र एवं रितेश का विशेष योगदान रहा।



Zoological park, Lucknow



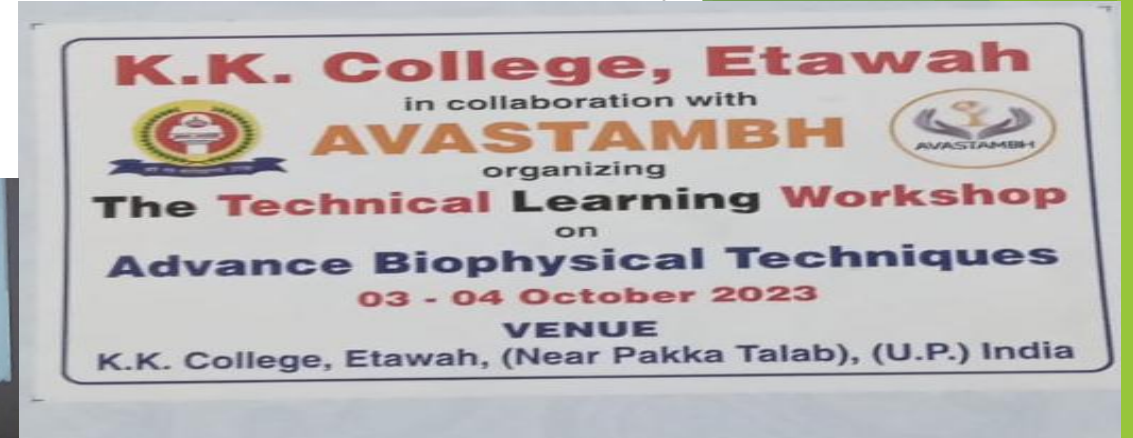
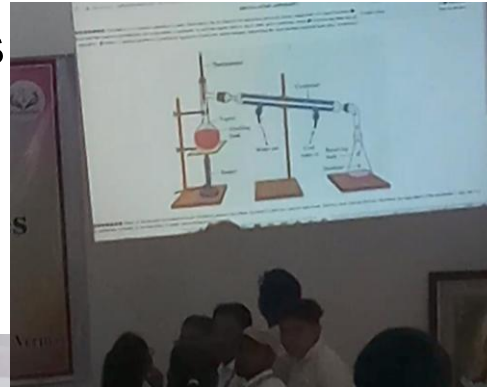
► Placements

- **Ragini Tripathi** -BAMS ,Gwalior (2022)
- **Deepa** -BAMS Government Autonomous Ashtang Aurvedic College, Indore(2022)
- **Vansh Vikram Rathore** -BAMS Major SD Singh Ayurvedic Medical College And Hospital ,Farrukhabad (2023)

Participation In National Workshop By UG Botany Students

The Technical Learning Workshop

On Advance biophysical Techniques



► Science Exhibition



Got 1st position



Thank You

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