



DEPARTMENT OF BOTANY

Annual Report 2024-25

Department of Botany is One of the Major Dept.in participating conducting various curricular and Co-curricular activities and contribute in College Progress.

Departmental Activity

Academic activities like Quiz, Projects, Group discussion & Seminars, Class Test were conducted for B. Sc. I Yr., II Yr .& III Yr. as well as M. Sc. I & M.Sc.II yr. Students

1st July 2024 “**Krush Divas**” was celebrated by collaboration with Environment cell, in presence of Principal Dr. V. D. Nanoty Sir. All the staff members of Botany, Environment cell & Non-Teaching staff were present.

On Independence Day, 15/8/2024, Dept. of Botany & Environment cell has organised Tree plantation of Medicinal plants in campus in presence of Hon. Principal Dr. V. D. Nanoty Sir, all the staff members of Botany, Environment cell & Non-Teaching staff were present.

Students Achievements:

Our student MS. Vaishnavi V. Rathod (UG) secured IInd Prize & MS. Poonam Bais (PG) secured IInd Prize in Seminar Competition Organised by Botany Dept. Shri Shivaji Arts, Comm. & Sci. Coll. Akola, on the occasion of Wetland Day dated 2 Feb 2024.

Similarly, Poonam G Bais (PG) was felicitated by Sant Gadge Baba Amravati University, Amravati. as she has Secured 3rd Position In M.Sc. Botany University Merit List .

The Achievement's of Staff Members are listed below.

Dr. P.M. Khadse

- Worked as Officer In charge on Theory Examination Summer 2025 of SGB Amravati University Amravati.
- He has published 7 research papers in International and UGC listed, peer reviewed and refereed journals
- He has presented papers in oral/posters presentations in national /international conferences.
- Participation in Short term faculty development programme on Marathon Pedagogical tools , curriculum and course content development held at Shri Shivaji Science College Amravati. On Dated : 7-11/01/2025
- Participated in One Day workshop on “Hands on Learning: Crafting SOPs and Interactive teaching approaches for enhanced classroom experiences envisioned under NEP- 2020” held at Shri Shivaji Science College Amravati. On Dated : 3/08/2024

Mrs. V.N. Badgujar

- She has completed online short-term course on “Research methodology in science “organised by HRDC, RTM University Nagpur from . 08/07/2024 to 13/07/2024
- She has worked as member of humanities and fine arts committee for Avishkar research festival of SGBAU organised by B;Sc and M.Sc. students at Shri RLT College of Science, Akola . (22/10 2024)

- She has worked as member admission committee
- She has presented four research papers in National and International conferences and published papers in journals.
- She has worked as co-author for “A text book of Botany” foundation of plant science, and and Carrer Development . ISBN NO:978-93-48367-22-8.

Dr. A. A. Sangole

- She has published Research Papers in 1 International and 1 National Peer revied and refereed Journals.
- She has completed 1 Short term course.

Dr. S.V. Madavi

Name- Dr. Shailendra V. Madavi

Designation- Assistant Professor

1. Awards

Sr.No.	Name of Award	Conference/ Seminar	Organized by
1.	Best oral Presentation	Transdisciplinary International Conference on Advances in Sciences, Technology & Humanities: intersecting for bright & prosperous society (ASTHIBPS-2024)	Indian indigenous society for sciences & social Sciences (IISSS) & Dhanwate National college, Nagpur

2. Paper publication

Sr.No.	Title of Research paper	Name of Journal Volume	Impact Factor
1	Assessment of Nutritional Values of Some Wild Vegetables Consumed by Tribes of Southern Gadchiroli of Maharashtra, India	Asian Journal of Food Research and Nutrition (AJFRN) Volume 4, Issue 2-2025	---
2	Investigation of Rhizosphere Mycoflora of Hibiscus sabdariffa L. from various fields near by Akola city	International Journal of Advanced Research in Biological Sciences (IJARBS) Volume 12, Issue 4-2025	5.90
3	Diversity of Common Weeds in Akola City: An Ecological Assessment	An Ecological Assessment Aayushi International Interdisciplinary Research Journal Special Issue No.136	8.02

3. Paper Presented in Conference/Seminar

	Name of Conference/Seminar	Seminar Name & Place of Conference/seminar/workshops	Year/date
1	Multidisciplinary Research and Innovation (NCMRI-2024)	Shri R. L. T. College of Science, Akola	27/09/2024
2	Transdisciplinary International Conference on Advances in Sciences, Technology & Humanities: Intersecting for a Bright & Prosperous Society (ASTHIBPS-2024)	Indigenous Society for Sciences & Social Sciences (IISSS) & Dhanwate National College, Nagpur	30/11/2024

4. Other Activities

- Organized 3 days faculty development programme (FDP) on Popularizing the Science of DNA Barcoding organized by MSFDA Pune
- Conducted interviews for selecting project staff for externally funded projects at CSIRNEERI (Online)
- Worked as subject expert in EURECA project at School of Scholars, Akola

Dept of Botany, Holy Basil Club Organised Various Activities during this session as below:

**Shri R.L.T. College of Science
Department of Botany
Inter collegiate Eco-Friendly Rakhi making Competition cum Exhibition**

Report

Conducted Date	12/08/2024
Number of Participants	59
Number of Beneficiaries	More than 100
Venue	Shri R.L.T. College of Science Akola

Intercollegiate Eco-Friendly Rakhi Making Competition was conducted on the occasion of Raksha Bandhan, on dated 12/08/2024. Department of Botany Shri R.L.T. College of Science was organized delightful Intercollegiate Ecofriendly Rakhi making Competition cum Exhibition in Collaboration with IQAC and NSS. During inauguration of pulses competition, dignitaries on the dias Honourable Principal and Inaugurator and chairman of the programme Dr. V.D. Nanoty, Honourable Dr. Rajesh Chandrawanshi as a chief guest of the programme. Convenor Dr. A. A. Sangole & Head dept. of Botany Dr P.M. Khadse and organising secretary Mrs V.N. Badgujar, Dr, S. V. Madavi Organizing Secretary

The objective of this competition was to increase the awareness among the students and teaching fraternity to protect and safeguard the environment and avoid using nonbiodegradable resources. The theme of this competition was to make Eco-Friendly Rakhi using biodegradable materials such as cotton, leaves, paper, etc. The atmosphere buzzed with the joyful energy of creativity as students poured into designing unique Rakhi's, each a reflection of their style and affection. This event not only provided a canvas for artistic expression but also deepened their connection to the festival's significance.

A panel of judges, Dr. P.T. Agrawal & Dr. Rashmi P. Joshi took on the task of evaluating the Rakhi's based on creativity, craftsmanship, and tradition. The competition showcased the participants' remarkable talent and dedication.

All the students showcased their artistic skills to weave magic with colourful threads and ecofriendly materials. 59 groups of students from various streams participated in this event and were acknowledged for their creativity with a certificate of merit and appreciation. The competition came to an end as students committed themselves on a positive note. There was an atmosphere of learning and growing together.

The winners are as follows.

I St – Prize: -

1. Miss. Aswini Padmanabhan Nair (PG): Shri Shivaji College of Science, Akola
2. Miss Taiba Firdause Subhan Khan (UG): Shri RLT College of Science, Akola

2nd - Prize: -

3. Miss. Chanchal V. Rathi - Shri RLT College of Science, Akola
4. Miss. Disha M. Chandak & miss Kritika S. Sharma: Shri RLT College of Science, Akola

3rd – Prize: -

5. Miss. Gayatri R. Shelke: Shri RLT College of Science, Akola
6. Mrs. Ram R. Moraskar & Mr. Bhushan Wavage: Shri RLT College of Science, Akola

Consolation Prizes: -

1. Miss Kalyani S. Solanke: Sitabai Arts, Commerce and Science College, Akola
2. Miss. Neha Wanare, Miss Ritika Patel & Payal Tayade: Shri RLT College of Science, Akola



Dr. Anjali A. Sangole
Convener
Shri R.L.T. College of Science, Akola

Dr. P.M. Khadse
HOD
Shri R.L.T. College of Science,
Akola

Dr. V. D. Nanoty
Principal
Shri R.L.T. College of Science, Akola

**The Berar General Education Society's Akola
Shri R. L. T. College of Science, Akola
DEPARTMENT OF BOTANY
Report on Educational Visit of B.Sc. I and M.Sc. I & II students to
Katepurna Wildlife Sanctuary**

Department of Botany were organised Botanical study tour of B.Sc. I Yr. and M.Sc. I & II Yr. students on dated 19/10/2024 to the Katepurna Wildlife Sanctuary . All students were observed and study the different types of flora with huge and various types of biodiversity during tracking in the deep forest, simultaneously the slides of biodiversity of flora and fauna in the Katepurna wild life sanctuary were display in the chamber. The teaching staff of Department Dr. P.M. Khadse (Co- Ordinator) , Mrs. V.N. Badgujar (Incharge Teacher), Dr. S.V. Madavi (Organising secretary) of the study tour and CHB teachers with non-teaching staff Mr. Rajesh Dandnaik were present.



Dr. S.V. Madavi
Organising secretary

Mrs. V.N. Badgujar
Incharge Teacher

Dr. P.M. Khadse
Tour Coordinator
HOD (Botany)

The Berar General Education Society's

Shri R.L.T. College of Science, Akola DEPARTMENT OF BOTANY

Study Tour Report

Date: 11/03.2025

Place: Krishi Vigyan Kendra (KVK)

Number of Beneficiary: 80

One day educational trip was organized by Department of Botany, at Krishi Vigyan Kendra, Sisa (Udegaon), Akola is a district level Farm Science Center established by the Indian Council of Agricultural Research (ICAR), New Delhi at Rural Development and Research Foundation, Akola for speedy transfer of technology to the farmers' fields. The aim of Krishi Vigyan Kendra is to reduce the time lag between Generation of technology at the research institutions and its transfer to the farmer's field for increasing production, productivity and income from agriculture and allied sectors on a sustained basis. The tour comprised students of B.Sc. II (IV semester) accompanied by faculty members Mrs. Vaishali N. Badgujar, Dr. Anjali A. Sangole, Dr. Megha Naise , Rohini Mechkar and Rajesh Dandanaik (Lab Attendant) from Deptt. Of Botany. All the students were directed to gather at college at 10:30AM. Principal of the college Dr. R.D. Chandrawanshi sir wished all the students best and safe journey.

We started our journey at 11pm with Bus Service and reached at 12: 00 PM at the location. Dr. Umesh Thakare Head of KVK warmly welcomed all of us. He has given the all information about KVK and Students was visited the different Departments eg. Soil testing laboratory, Oil Extraction methods, Seed department and Biotech lab etc. It was a new, interesting and informative experience for all of us.



Study Tour Incharge
Dr. Anjali A. Sangole

Head of Dept.
Dr. P.M. Khadse

Principle
Shri R.L.T. College of Science,
Akola

PG Department of Botany
Inauguration of Botanical Society and Intercollegiate Poster Competition Cum
Exhibition Report
Session 2024-25

PG Department of Botany in collaboration with IQAC organized Inauguration of Botanical society. On dated 19/09/2024 on this occasion PG Department organises Intercollegiate poster competition cum Exhibition on the Topic- “Illustrate The Taxonomy for Future Aspects” Jury Member was Mr. Nikhil B. Choukhande, Department of Botany Shri Shivaji Arts , Commerce and Science, College Akola.

During inauguration of Botanical society ceremony, dignitaries on the dias Honourable Physical Director Prof.Dr. R. D. Chandrawanshi as chairman of the programme Honourable Mr. Nikhil B. Choukhande as a chief guest of the programme . Head Dept. of Botany Dr. P. M. Khadse, and faculties of Department Mrs. V. N. Badgujar Dr. A. A. Sangole , Dr. S.V. Madavi , contract basis teachers and CHB teachers were present

During welcome ceremony the chief guest of programme Honourable Mr. Nikhil B. Choukhande felicitated by the hands of Honb. Prof.Dr. R. D. Chandrawanshi by offering shall and sapling, welcome of Prof.Dr. R. D. Chandrawanshi by offering sapling by the hands of Head of Department Dr.P.M.Khadse, welcome of Dr. P. M. Khadse by the hands of Mr. D.D.Dhore . welcome of Mrs.V.N.Badgujar by the hands of Miss. P.D. Salunke. welcome of Dr.A.A.Sangole by the hands of Miss. S.M.Kale and welcome of Dr. S. V. Madavi by the hands of Mr.P.G.Nagrале . Dr. P.M. Khadse announces the name of members in Botanical society during the inauguration of Botanical society 2024-25 at the end of programme vote of thanks proposed by Miss. Gayatri Dali and conduction of programme by Miss.Arti Mankar and Miss. Vrushali Dhole .After completion of Innaugural ceremony Mr. Nikhil B. Choukhande Evalued the poster “Illustrate The Taxonomy for Future Aspects”.

The following Botanical Society of Session 2024-25 were form

President : Miss. Sanika S. Ahir
Vice – President : Miss. Gauri S. Korpe
Secretary : Miss. Pallavi M. Thorat
Joint Secretary : Miss. Ashwini G. Kakad
Treasurer : Miss. Gauri Kukadkar

Miss. Manisha S. Karale
Tour Organiser : Miss. Vrushali V. Dhole

Miss. Sayali B. Ingle

Mr. Amol V. Umale

Mr. Nayan T. Dhoke

Mr. Vaibhav S. Jumble



Dr. P.M.Khadse

HOD (Botany)

