

Department of Botany

Annual Report 2024-25

1. Eco Friendly Rakhi Preparation Workshop

To celebrate the spirit of Raksha Bandhan, Department of Botany, and Department Home Economics collaboratively organized an Eco Friendly Rakhi Preparation Workshop in the college campus on 14th August 2024 under the supervision and guidance of Dr. M. T. Nikam Principal of the College and Prof. Dr. Vanita U. Pochhi HOD, Botany & IQAC coordinator. Seventy nine students participated in this workshop. Mr. M. D. Kolte worked as coordinator; Mr. D. L. Gavande worked as convener of this workshop they also guided the students for making eco friendly Rakhi. All participants tied Rakhi on the tree and committed them to protect trees.

2. Tree Plantation Program Successfully Conducted at Waghapur

A tree plantation program was successfully conducted at Waghapur with the joint efforts of Shri Shivaji Science and Arts College, Chikhli, and Shri Shivaji Arts, Commerce, and Science College, Motala, in collaboration with Waghapur Gram Panchayat. This initiative was organized by the Department of Botany of both colleges to instill the concept of tree conservation among students. A total of 65 students actively participated in this event. Shri Shivaji College, Motala, contributed saplings for the plantation from its nursery. Under this program, 150 saplings were planted in the crematorium area of Waghapur. The Gram Panchayat of Waghapur made arrangements for digging the pits required for plantation. The Principal of Shri Shivaji Science and Arts College, Dr. Meena Nikam, addressed the students on the importance of tree conservation. The event was graced by the presence of Waghapur Gram Panchayat Sarpanch, Prof. Subhash Theng, who congratulated the students for their participation. Dr. Vanita Pochhi, Head of the

Botany Department and Coordinator of the College Development Committee, elaborated on the objectives behind organizing the program. Dr. Pravin Theng, Head of the Botany Department, Shri Shivaji College, Motala, and Prof. Mukund Kolte played key roles as coordinators of the event. Additionally, faculty members, including Prof. Dilip Gawande, Prof. Swapnilkumar Kale (NSS Coordinator), and Prof. Lt. Kiran Padghan, extended their support to the program.

3. Model Making Competition

On the occasion of National Sciences Day 28th Feb 2025 of **Model Making Competition** was organised. The Theme of national science day was “Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT”. The Competition was chaired & inaugurate by the Former Jr. College Supervisor of the College, Ms Yogini T. Suradkar. In her presidential address she focused on the importance of Innovation and the Empowering Indian Youth for Global Leadership. In the competition student prepare informative Models and give the information about their models. In this competition Fifty two students were participated. The main idea behind the Competition was the vision of principal Head, Dept. of Botany Dr. V. U. Pochhi gave introductory speech. Mr. M. D. Kolte anchored the programme and Mr. D. L. Gavade Proposed Vote of thanks. Ms Yogini T. Suradkar and Dr. R. B. Gade worked as examiner. Dr. G. M. Dongare, Dr. S. I. Jukkalkar, Dr. S. M. Kalakhe, Dr. G. D. Thorat Dr. Swati Waghare, Mr. Amit Theng, Mr. Anil Mohod and Mr. Sachin Chavan present for this program.

4. Eco-friendly Holi Colours Preparation Workshop

To create awareness among students and staff “**Eco-friendly Holi Colours Preparation Workshop**” was organized on 11th March 2024. Principal of our

college Dr. Dr. V. U. Pochhi inaugurates this workshop. The idea of this workshop was Head Dept. of Botany Dr. V. U. Pochhi. Natural colours were prepared from flowers of *Butea monosperma*, Leaves of Spinach, and Beet root. Thirty students participated and prepared Eco-friendly colours. Prof. M. D. Kolte and Prof. D. L. Gavande guided to the students. For this workshop Dr. S. M. Kalakhe, Dr. R. B. Gade, Dr. S. M. Waghare, Mr. Amit Theng and Dr. G. D. Thorat also present. In this workshop Twenty two students were participated.

5. Student Achievements

- 1) Miss. Shruti Shelke, Shravani Jadhao, Punam Solanki & Payal Deshmane PG Students of Department of Botany got 1 st Prize in National Level Conference organized Arts Commerce and Science College, Warwat Bakal in Best Poster Presentation Category.
- 2) Mr. Dilip Gavande awarded as best Examiner award in Taluka level Science Exhibition
- 3) Mr. Kalpesh Udaykar Qualify MH-SET exam 2024 in Life Science.

6. Publications

1. Dr. V. U. Pochhi, M. D. Kolte, D. L. Gavande & Miss. Pallavi Kharat Published a book on Nutritious Wild Edible Vegetables in Buldana Districts, published by Atharva Publication Jalgaon, ISBN No. 978-93-90288-13-7.
2. D. L. Gavande, Dr. V. U. Pochhi & M. D. Kolte Published a Research paper on Isolation and Identification of phytopathogenic fungi from Potato (*Solanum tuberosum* L.) in Global Online Electronic International Interdisciplinary Research Journal GOEIJRJ) Peer Reviewed Refereed Journal, {Bi-Monthly} Impact Factor- IIFS:7.00 Volume – XIII, Special Issue – VIII, September 2024 page no. 364-368.

3. S. D. Shelke, P. S. Deshmane, D. L. Gavande, Dr. V. U. Pochhi & M. D. Kolte Published a Research paper on Phytochemical Analysis of *Opuntia* Plant Leaf and Use on Herpes zoster Disease in Global Online Electronic International Interdisciplinary Research Journal (GOEIIRJ) Peer Reviewed Refereed Journal, {Bi-Monthly} Impact Factor- IIFS:7.00 Volume – XIII, Special Issue – VIII, September 2024 page no. 369-373.
4. M. D. Kolte, D. L. Gavande, Dr. V. U. Pochhi & Y. R. Sonwane Published a Research paper on Phytochemical Analysis of Selected Plants Species and Antifungal Activity of *Catharanthus roseus* & *Cassia auriculata* in Global Online Electronic International Interdisciplinary Research Journal (GOEIIRJ) Peer Reviewed Refereed Journal, {Bi-Monthly} Impact Factor- IIFS:7.00 Volume – XIII, Special Issue – VIII, September 2024 page no. 374-379.
5. S. G. Jadhao, P. J. Solanki, Dr. V. U. Pochhi, D. L. Gavande & M. D. Kolte Published a Research paper on Phytochemical Analysis of *Bombax ceiba* Thorn Extract in Global Online Electronic International Interdisciplinary Research Journal (GOEIIRJ) Peer Reviewed Refereed Journal, {Bi-Monthly} Impact Factor- IIFS:7.00 Volume – XIII, Special Issue – VIII, September 2024 page no. 380--385.
6. Janjal P. P., Dr. V. U. Pochhi and Waghule A. A Published a Research paper on studies on black mold disease in Akola and its control measures on *Brassica oleracea* (Cabbage) in Global Online Electronic International Interdisciplinary Research Journal (GOEIIRJ) Peer Reviewed Refereed Journal, {Bi-Monthly} Impact Factor- IIFS:7.00 Volume – XIII, Special Issue – VIII, September 2024 page no. 390—396.
7. Amit Theng¹, S.M.Waghare^{1a}, U.V.Pocchi² Published a Chapter in Book on Nutritional and Medicinal Benefits of Edible Mushrooms as Functional

Foods in Pratinad Gender Equality and Sensitization, published by Atharva Publication Jalgaon,

8. S.M.Waghare¹, U.V.Pocchi² Published a Chapter in Book on Vitamin D Deficiency in Pregnant Women: Risk Factors, Effects, and Supplementation Strategies in Pratinad Gender Equality and Sensitization, published by Atharva Publication Jalgaon.

Photographs



Eco Friendly Rakhi Preparation Workshop



Mr. Dilip Gavande awarded as best Examiner award in Taluka level Science Exhibition



Miss. Shruti Shelke, Shravani Jadhao, Punam Solanki & Payal Deshmane PG Students of Department of Botany got 1 st Prize in National Level Conference organized Arts Commerce and Science College, Warwat Bakal in Best Poster Presentation Category.



Tree Plantation Program Successfully Conducted at Waghapur



Model Making Competition



Model Making Competition



Eco-friendly Holi Colours Preparation Workshop