

Department of Botany

Report 2021-2022

Department of Botany organized various activities to motivate the students for their overall development.

Activities:

- ❖ Student induction program (SIP) was organized from 4th to 9th October 2021 in the college to cope up with new environment of the campus. Head of Department introduce about faculty members, achievements of the dept. to the students of B.Sc Sem- I and inculcate the culture of the dept. as well as institution in them.
- ❖ Students of the dept. participated in intercollegiate power point presentation on the occasion of World Environment Day jointly organized by Pratibha Shakti- Vidarbha Chapter & Institute of Science, Nagpur on 25th June 2021 to spread awareness about climate change. Students from our department bagged 1st, 2nd & 3rd prize respectively. Dr. R.H. Mahakhode was the Organizing secretary of competition.
- ❖ World Nature Conservation Day was celebrated on 28th July, 2021 by Department of Botany. On this Occasion, department organized Intercollegiate Competition to motivate the students to express their thoughts and contribution towards nature & its conservation about plants and animals those on the verge of extinction. The theme of the competition was “Nature Conserver”. Dr. R.H. Mahakhode was the Organizing secretary Prof. R.N. Deshmukh, Convener and Prof. P.S. Tiwari, Co-convener of the competition. Total 64 students were participated from various colleges and shared their views through the composition in 250 to 300 words towards nature conservation. Five students got 1st, 2nd, 3rd, and two consolation prizes. At the end, e-certificates to all the participants were distributed.
- ❖ Distribution of certificates of Mushroom Cultivation under Skill Based Course on 15th August 2021 at the hands Hon’ble Principal Prof. M.P. Dhore. All faculty members were present. The foremost aim of this course is to promote self employment.
- ❖ College organized 1st Special Vaccination Drive of COVID-19 in collaboration with NMC, Nagpur from 14/09/21 to 18/09/21 & 2nd Special vaccination drive of Covid-19 under “Yuva Swasth Mission” of Higher & Technical Education Department from 27/10/21 to 28/10/21 for young citizens of 18+ in the our departmental laboratory. Total 109 beneficiaries get benefited from this drive.
- ❖ The students of Sem. IV & VI along with staff members visited Science Exhibition at VNIT on 24th Feb. 2022 to enhance the scientific temper among the students.
- ❖ Botanical Society under Science Association was inaugurated on 26th Feb. 2022 at the hands of Prof. S.R. Thakre, Joint Director, Nagpur Division and also felicitated the meritorious students on this occasion. Such activities undertaken by Botanical Society to inculcate team work and leadership qualities in students.

- ❖ Department carried out Self-financed Certificate Course on Plant Tissue Culture technique for Sem. VI students demonstrated by Prof. P.S. Tiwari on 9-11 March, 2021 to develop inclination towards research and better understanding of laboratory techniques.
- ❖ Students from Sant Gadge Maharaj Mahavidyalaya, Hingna attended Self-financed Certificate Course on Plant Tissue Culture Technique on 19th March 2022.
- ❖ Students of Semester VI were visited Ankur Seeds Pvt. Ltd. Laboratory, Nari on 4th April 2022, educational tour to sophisticated scientific labs gives new vision and also helps to motivate interest towards basic sciences.
- ❖ Our faculty member Prof. P.S.Tiwari installed Pyau in the name of Dr. Panjabrao Deshmukh in front of college for public in summer season on 18th April 2022.
- ❖ “Phyto Ethno Expo”, an exhibition on rare medicinal plants was organized by the department on 27th May 2022 to spread awareness among the students regarding biodiversity conservation. For this exhibition students collected over 40 different varieties of medicinal plants based on medicative properties & its products. The exhibition was divided into many zones i.e. Aromatic station, Wild Plant station, Spice Station, Hydro station and Herbs station. The exhibition was inaugurated at the hands of Hon. Prof.N.M.Dongarwar, Dept. of Botany, PGTD, RTM Nagpur University, Nagpur by scanning the QR code prepared by the students as “Exhibition at a Glance”. Hon. Prof.M.P.Dhore, Principal was present as chairman of the function. Prof.R.N.Deshmukh, Head, Dept. of Botany, Dr.Mrs.R.H.Mahakhode, Convener and Prof.Mrs.P.S.Tiwari, Co-convener of the programme and Dr.R.P.Sonwalkar were present on the occasion. Prof. Mrs.R.D.Urkude and Prof.Mrs.R.A.Deshmukh were judged the exhibition.

Faculty Awards:

- ❖ Prof. P.S. Tiwari conferred with “**Save Planet Award**” awarded by EGEA (Enhancing Green Economy Association of Asian Country), Priyadarshini College of Engineering, Nagpur nominated by “Swachh Nagpur” on 10th Oct. 2021.
- ❖ Dr. R.H. Mahakhode conferred with “**Kalp- Young Women Scientist Award**” in the field of Cytomorphology & Cytogenetics during 4th National Annual Conference on “Advances Tools and Techniques in Agriculture, Horticulture, Environmental & Biotechnological Science in the Current Era” on 12th to 13th of July, 2021, organized by Department of Biotechnology & Microbiology, Kalp laboratories, Mathura.

Research Activities:

- ❖ Dr. R.H. Mahakhode published one Research paper in National Journal.
- ❖ Dr. R.P. Sonwalkar published one Research paper in National Journal.
- ❖ Faculty members also attended and presented research paper in various National and International conferences and workshops.

Chapter in Edited Books:

- ❖ Dr. R.H. Mahakhode published chapter entitle “**The Phyto-Medica: Exotic Medicated Plants and Their Utilization**” in the Book “Recent Trends in Propagation of Forest and Horticultural Crops”, Taran Publication, Haryana, 2021 pp. 283-287. ISBN: 978-81-947336-4-5.
- ❖ Dr. R.H. Mahakhode published chapter entitle “**A Therapeutic Role of Some Medicinal Plants in Treatment of Covid-19 and Post Covid Complications**” in the Book “Contribution of Physical, Chemical & Biological Sciences in the Current Pandemic: Prevention & Control”, Nitya Publications, Bhopal, 2021 pp. 16-179. ISBN: 978-93-91257-88-0.

Invited Talk as resource person:

- ❖ Dr. R.H. Mahakhode delivered talk on “Climate Change: Impact on Biodiversity” in National Webinar on “Biodiversity Conservation” at Jijamata Mahavidyalaya, Buldhana on 14th August 2021.
- ❖ Dr. R.P.Sonwalkar delivered talk on Womens Empowerment & Gender equality” organized by ICC in collaboration with IQAC, Jijamata Mahavidyalaya, Buldhana on 20/09/2021 as a resource person.

Student Achievements:

- ❖ Ms. Neha Thakral, Ms. Tanushree Banerjee, Mr. Ameya Dhore (Sem.VI) grabbed 1st, 2nd and 3rd position respectively in Intercollegiate PowerPoint Presentation Competition on the occasion of **World Environment Day** jointly organized by Pratibha Shakti- Vidarbha Chapter & Institute of Science, Nagpur on 25th June 2021.
- ❖ Mr Atharva Wankhede (Sem. I) secured 1st position and Ms. Khushi Sign (Sem. III) got Consolation prize in Intercollegiate Composition Competition on the occasion of **World Nature Conservation Day** organized by Shivaji Science College, Nagpur on 28th July 2021.
- ❖ The winners of the “**Phyto Ethno Expo**” exhibition organized by the department on 27th May 2022 were Samiksha Admane & Padmavati Dehury from Wild Plant Station Abhilasha Dudhpachare & Akshay Bhatkulkar from Hydro Station Yash Mahule & Aditi Giri from Spice Station Palak Mehta & Itisha Mothghare from Herb Station Aryan Bhothmange & Madhavi Mohod from Medicinal Station Tushar Mhashakhetri & Nidhi Manwatkar from Aromatic Station.

Dr. R N Deshmukh
Professor and Head

Department of Botany

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CRI-2-Distribution of certificates of Mushroom Cultivation under Skill Based Course on 15th August 2021 at the hands Hon,ble Principal Prof. M.P. Dhore.



CRI-5-Botanical Society under Science Association was inaugurated on 26th Feb. 2022 at the hands of Prof. S.R. Thakre, Joint Director, Nagpur Division and also felicitated the meritorious students.



CRI-2, Students from Sem VI participated in workshop on Plant Tissue Culture Technique carried out by the Botany department on 9-11 March, 2021



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