

## DEPARTMENT OF BOTANY

**Dr. Vanita U. Pochhi**  
**Head of the Department**

### Co-curricular Activities—

- **Extension Activities-**

- ***Seed Ball Preparation Workshop***

Seed ball Preparation was organized on 10/6/2019. Students of B.Sc. III Year collected seeds of plants like *Azadirachta indica*, *Delonix regia*, *Polyalthia long folia*, *Cassia fistula*, *Dalbergiasisoo* etc. For binding of seeds, they prepared mixture of Clay and Compost. These collected seeds rolled in a mixture forming ball shaped seed ball and let it to dry.

When rainy season starts these prepared seed balls throw out onto a Garden beds or into nature on hill side through exposure to rain they burst into life to develop into healthy plants. Ten students took part in this workshop under the guidance of Dr.V.U. Pochhi.

- **Ecofriendly Raksha Bandhan**

On the occasion of Raksha Bandhan and celebration of Independence Day 15<sup>th</sup> August, we organized Eco-friendly Raksha Bandhan. Rakhis were prepared with flowers, leaves and papers. Students took oath to save trees by tying Eco-friendly Rakhis to tree. Twenty students of B.Sc. and Staff members participated in this programme.

- **Excursion Tour**

To study biodiversity of Toranmal Forest the excursion tour was organized on 03/02/2020 to 04/02/2020. Students also visited to Plant Tissue Culture Laboratory of Jain Irrigation and Gandhi foundation Jalgaon. 39 students and 5 staff members took part in this excursion tour.

- **Field Visit**

To observe the crop diversity as well as for collection on material field visit of B.Sc. II year students was organized on 06<sup>th</sup> March 2020. Forty Five student participated in this field visit. Dr. V.U. Pochhi Head of Department, Mr. M.D. Kolte and Mr. D.L. Gavande took efforts for organization of field visit.

- **Make your own Colours Eco-friendly Holi**

The Joyous festival of Holi is meant to celebrate the arrival of Spring while the colours used in Holi are used to reflect the various hues of Spring season. Unfortunately, in modern times Holi does not stand for all beautiful things. Usually artificial colours having chemicals are used which cause skin diseases. Environmental degradation also occurs due to these artificial colours.

To create awareness among students and staff “Eco-friendly Color Preparation Workshop” was organized on 7<sup>th</sup> March 2020. 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. Gawande guided the students.

- **Guest Lectures---**

- On 7<sup>th</sup> January 2020 Guest lecture of Dr. Dhananjay Talwalkar, Principal G.S. College Khamgaon Distt. Buldana was organized. The topic of the lecture was Beauty of Past. He focused on Process of fossilization and types of fossils. The lecture given by him was highly informative and with updated knowledge. Ex-Principal Dr. B. P. Dhore chaired the session. Dr. A. M. Garode, principal was present as a chief Guest. Dr. V. U. Pochhi gave introductory speech. Miss Vaishnavi Karande conducted the programme and Miss. Mayuri Rajput delivered vote of thanks. Prof. D.L. Gawande, Prof. M.D. Kolte and Sixty Students were remained present on this occasion.

- Guest lecture of Dr. Rajesh Gaikwad, Associate professor Vivekanand Mahavidyalaya Mantha Distt. Jalna was organized on 22<sup>th</sup> February. He focused on topic ‘Future of Prospective in Life Sciences’ the lecture given by him is very effective to promote students for higher education. Miss. Kalyani Bhutekar conducted the programme and Prof. Dilip Gawande proposed vote of thanks for this program. Dr. V.U. Pochhi and 30 students are remain present.

- **State Level Science Talent Search Competition**

On National Science Day, Balbheem college Beed organized State Level Science Talent Search Competition. They conducted the exam at various centers. As a part of this the Botany department participated in this Scientific Event. The competition was organized on 18/01/2020. Prof. Dr. A.K. Aghave of Balhiam college Worked as an external officer for this exam at our center. Prof. M.D. Kolte and Prof. D.L. Gawande were worked as a local coordinator. The Result was declared on 28<sup>th</sup> February. Out of 49 students 32 students qualified. Our student Miss. Pooja Kardel of B.Sc. I Stood first in all over Maharashtra.

- **Students Achievement—**

1) Miss.Pooja Kardel (B.Sc. I) got First prize with worth 2000 Rs. Cash, Memento and Certificate. In State level Science Talent Search competition.

- Miss.Pooja.D. Bajad (B.Sc. II) got Third prize in Interuniversity Poster Competition organised by Shri.Shivaji Science and Arts college, Akola on 1<sup>ST</sup> February. Two students participated in this competition.
- Miss.Akansha Dongardive got Consolation prize in Intercollegiate Poster Competition on Ozone layer Depletion and its consequences on 16<sup>th</sup> September 2019 at RLT College Akola, four students of B.Sc. Final year participated in this competition.
- Five Students participated in District level Avishkar competition.

#### **E) Departmental Activities during Lockdown period.**

- **State level Quiz competition on Covid-19.**

With the ongoing covid-19 pandemic, as declared by WHO as a public health emergence of international concern, awareness program in the form of Quiz Competition was organized 19/04/2020 to 30/04/2020 in this competition 647 participants are participated.

- **Environmental Youth e-poster competition on the occasion of World Earth Day.**

To create awareness on environmental issues this poster competition are organized. In this poster competition 85 students from various colleges was submitted their posters on provided link. In this competition Ku. Suchita Todkar G.S. College, Khamgaon got First Prize. Second and Third prize goes to Ku. Aditi Rindhe Shri Shivaji Science College, Chikhli and Ku. Manisha Ambadkar Mahatma Phule College, Warud respectively.

- **Botany Quiz Competition.**

The Corona epidemic is having a devastating effect on us in various fields; we are seeing the direct effect of this global epidemic on our education sector, so schools and colleges are closed not only in the country but all over the world. During this lockdown period, various colleges are conducting online activities for the students to make them more interested in their subject and related to their curriculum. A similar activity was conducted by the Department of Botany at Shri Shivaji

Science and Arts College, Chikhli on 01 May 2020 through the online platform Botany Quiz Competition. A total of 309 students from various colleges participated in the Botany Quiz Competition. A total of 50 questions were asked on the subject of Botany. The students who passed the competition were sent their participation certificates to their registered email address. The idea of this competition of Dr. Vanita Pochhi, (HOD, Botany) who also provided valuable guidance from time to time. Prof. Mukund Kolte and Prof. Dilip Gavande acted as the organizer of this Competition.

- **National Level E-Short Term Course on “Plant Propagation and Nursery Management”.**

The global outbreak of the corona virus has affected all the areas, so all schools and colleges have been closed. Students are expected to learn something new during this lockdown period. Shri Shivaji Science and Arts College, Chikhli, Department of Botany conducted a one week short course on Plant Propagation and Nursery Management through online platform from 5th May 2020 to 11th May 2020. Students registered for this course through Google form and registered their participation. In this course, for a week, daily study material (videos and pdf notes) were uploaded on what’s app group for students and on the same day they took online exam on that topic. The students got to learn various methods of plant propagation as well as the basics of nursery management. In this seven-day online short term course, near about 400 students from various colleges participated and completed the course, and they also got its e-certificate through online platform. Dr. Vanita Pochhi (Head, Department of Botany) provided valuable guidance for this one week short term course. Prof. Mukund Kolte and Prof. Dilip Gavande acted as the organizers.

#### **E) Research Activity**

- 1) Mr. Mahendra Salve and Miss. Deepmalma R. Gaikwad have been awarded Ph.D. Degree by Sant Gadge Baba Amravati University Amravati.
- 2) Dr. V.U. Pochhi Participated in National Seminar organized by Modern college Pune on 22th July 2019.
- 3) Dr. V.U. Pochhi presented a Research Paper in National Seminar Organised by Mata Jija Bai Govt P.G. Girls College Indore on 19th November 2019.
- 4) Dr. V.U. Pochhi presented a Research paper in National Conference organised by Deogiri College on 23rd and 24th December 2019.
- 5) Prof. Mukund Kolte and Prof. Dilip.L. Gavande participated in National Conference organised by Deogiri College on 23rd and 24th December 2019.
- 6) Dr. V.U. Pochhi participated in National Seminar organised by Shri.

VenkateshMahavidalaya, Deulgaonraja on 27<sup>th</sup> December 2019.

- 7) Mr. M.D. Kolte and Mr. D.L. Gavande admitted to pre-Ph.D. Course work.
- 8) Dr.V.U. Pochhi Chaired the Session in National seminar on Multidisciplinary Research in Science and Technology on 24<sup>th</sup>January 2020 at R.L.T. College, Akola.
- 9) Dr. V.U. Pochhi delivered Guest lecture on 12 /2/2020 at R.L.T. college, Akola.
- 10) Dr.V.U. Pochhi Participated in Online National level Faculty Development Programme on ICT Tools from 11/5/2020 to 16/5/2020 Organised by Swami Ramanand University Nanded
- 11) Dr., V.U. Pochhi Participated in online Faculty Development Programme on Naac Assessment and Accreditation form 21/5/2020 to 26/5/2020 organised by UGC pararnarsh and Shivaji college Parbhani.
- 12) Dr.V.U. Pochhi Participated in online National level Short Term Course on Natures Atrism from 26/5/2020 to 3<sup>rd</sup> June 2020.
- 13) Dr. V.U. Pochhi has participated in the online FDP on module from 13<sup>th</sup> may to 15<sup>th</sup> may 2020 organized by Vellore Institute of technology (VIT) Chinnai.
- 14) Dr. V.U. Pochhi and Mr. M. D. Kolte has participated in the online e-Short term course on “Ethnobotany” Organized by Dept. of botany, Vankatesh Arts Commerce and science college, Deulgaon.
- 15) Dr. V.U. Pochhi has participated in the international e- conference organized by swami Vivekanand Senior college, Mantha on 1<sup>st</sup> June 2020.
- 16) Dr. V.U. Pochhi has participated in the online National level workshop entitled “Advance Education Techniques In Science And Humanities” held on 02/06/2020 to 04/06/2020. Organized by Vasantao Naik Arts Science and Commerce College, Shahada Dist. Nandurbar.
- 13)Mr. M. D. Kolte and Mr. D. L. Gavande Participated in Online National webinar on Effective presentation skills using ICT tools on 26/04/2020.
- 14) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in One day national e - conference on medicinal and wild edible plants -The immunomodulatory for COVID-19 pandemic. Organised by-Smt. Radhabai sarda arts, commerce and science College ,Anjangao surji dist. Amravati. on 22/06/2020.
- 15) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in One day online multidisciplinary international conference on Health Hygiene &Higher Education (HHH2020) . organized by - Dept. of Zoology and economics, Sant Rawool maharaj mahavidyalaya ,Kudal, Dist. Sindhudurg. & university of mumbai and UGC. On

30/05/2020.

16) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in National multilingual conference on Problem and opportunities in Agriculture: In And After COVID -19 . organised by-Jaysingpur College, Jaysingpur. on 25/05/2020.

17) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in Online One day International conference on recent trends in plant science. Organized by - Dept. Botany, Shri D.H. Agrawal arts, Shri Rang Avadhoot Commerce and Shri C.C. Shah and M.G.Agrawal Science College, Navapur, Dist. Nandurbar. on 15/05/2020.

18) Mr. M. D. Kolte Mr. D. L. Gavande Participated in Online Webinar on Fostering Research Environment in Academic Institution. organized by Arts , Commerce college, Warvat Badal on 06/06/2020.

19) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in One day Online Workshop on NAAC: Revised Assessment and Accreditation Framework Organised by J.M.Patel Arts Commerce and science College ,Bhandara. On 18/06/2020.

20) Mr. D. L. Gavande Participated in National webinar on Potential and Application of Indigenous Bio-Resource. organised by Late Karmveer Dr. P.R. Ghogrey Science college, Dhule. on 14 and 15 may 2020.

21) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in National webinar on youthful glow and you Organised by dept.of Botany,Gurunanak khalasa college of arts , Science and commerce,Matunga ,Mumbai.on 27/05/2020.

22) Mr. M. D. Kolte and Mr. D. L. Gavande Participated in National webinar on Biodiversity status in context of COVID-19 Organized by Dept.Botany ,Gurunanak khalasa college of arts , Science and commerce,Matunga ,Mumbai.on 26/05/2020.

