

# **Shri R.L.T. College of Science, Akola.**

## **Department Of Botany**

### **Departmental Report 2019-2020**

Department of Botany has shown its potential by participating & conducting various activities during this Academic session. This session Shri R.L.T. College of Science, Akola is celebrating 'Golden jubilee Year' celebration of college.

#### **Departmental Activities & Students Activities.**

1. Seminar for B.Sc. II & III year Students were taken using LCD projector, power point presentation were conducted in both sessions.
2. On the occasion of "VANMAHOTSAV" i.e. on 23.07.2019, Students of 'Holy Basil Club' of Botany Department developed 'Botanical Nursery'. The activity was guided by Mrs. V.N. Badgujar, Dr .P. M .Khadse, Dr. A.A Sangole & Shri .S. V. Madavi.
3. On 1<sup>st</sup> july 'Krishi Divas' was celebrated by 'Tree Plantation' & "Vruksha-Dindi" in collaboration with NSS.
4. Similarly, on Friday 13.09.2019, Department of Botany 'Holy Basil Club' & IQAC jointly organized Intercollegiate 'Plant Anatomy Diagram Competition' for B.Sc.II yr. students. Dr.A.A.Sangole was Co-ordinator for this Activity.
5. 'Ozone day' was celebrated on 16.09.2019 by Department of Botany, Holy Basil Club in collaboration with IQAC & Environment cell. On this occasion, Intercollegiate Poster competition on "Ozone layer depletion & its consequences" for B.Sc. III year students was organised. Dr.P.M.Khadse was the Co-ordinator for this event.
6. On 12.02.2020, Holy Basil Club organizes Guest lecture of Dr.Vanita U. Pochhi, Assit. Prof. & Head Shri Shivaji Arts, Comm. & Science College, Chikhali ,Dist. Buldhana. The Topic was 'Biotechnology Principals & Process' for B.Sc. I,II & III year students. Mrs. V.N.Badgujar was Co-ordinator of this event.

#### **Students Participation & Achievements in various Activities.**

1. Miss Nikita J. Upadhyay stood 2<sup>nd</sup> in the category 'Medicine and Pharmacy' in Intercollegiate research convention Avishkar-2019-2020 and selected for participation at university level.
  2. Miss Pooja P. Waghela Avishkar is selected for participation in Intercollegiate research convention.2019-20.
  3. Our students participated in Inter- Colligate poster competition the occasion of Ozone day at Smt.Narsamma ACS college, Kiran Nagar, Amaravati on 16.092019.
1. Mr.Akhilesh A. Puranik B.Sc. II Secure II Rank in this competition
  2. Mr.Om.K.Kale B.Sc. II

3. Shri Prasad K.Gulhane B.Sc. II
4. Students of B.Sc. III year participated in One day workshop of 'Bonsai Techniques & skills' at Mahatma fule Arts & Science college ,Patur on 10th Oct.2019.
1. Shri Yogesh K.Katre
2. Shri Akash M.More.
5. Our students participated in Poster competition at Shri Shivaji Science College, Akola on 01.02.2020
  1. Miss Gayatri Vijay Dhomble B.Sc.III. Year
  2. Miss Pooja waghela B.Sc.III. Year
  3. Miss Poonam Bais B.Sc.II. Year
  4. Miss Shital S. Gaikwad B.Sc. I. Year

6. Participation in State level workshop on carrier opportunities in Green Education, At Shri S.S. Khandelwal Arts, Science & Comm. College, Akola on 10<sup>th</sup> August 2020.

1. Miss Pratiksha Shinde B.Sc. II Year
2. Miss Amisha S. Mishra B.Sc.II Year

These are some Important achievement of the faculty members of the Department of Botany during the session 2019-20.

- **Mrs. V.N.Badgujar**

She has completed Short Term courses on 'Disaster Management (6 Days)' held on 8<sup>th</sup> July 2019- 13<sup>th</sup> July 2019 at UGC-HRDC SGBAU Amaravati and online FDP of UGC HRDC, Gujrat University on 28.05.2020 to 03.06.2020.

She has also worked as Joint secretary in National conference on Multidisciplinary Research in Science & Technology for Healthy life style management & Presented Research paper on Friday 24<sup>th</sup> Jan. 2020 at Shri R.L.T College of Science, Akola. On the occasion of Golden Jubilee year of college.

She has also worked as Rapporteur in State level workshop in "Carrier opportunities in Green education" organized by Shri S.S. Khandelwal Arts, Comm. & Sci. College Akola. On 10<sup>th</sup> August 2020

She has presented 2 Research paper in National conference & published paper in journals. Similarly she has participated in 2 International e-conferences & e- workshops & webinars.

- **Dr.P.M.Khadse :-**

He has completed Short Term Course in Research Methodology at Academic staff college from 19.08.2020 to 24.08.2020. at HRDC SGBAU Amaravati.

He has presented 2 paper in National conferences and 1 International Conference & Published paper in journals. He has participated in 2 International e- Conferences and e-workshops & webinars.

- **Dr.A.A.sangole:-**

She Has completed 1 online Refresher Course (SWAYM) Duration 3 Months and FDP of MHRDC Ramanujan College, Delhi on 18.05.2020 To 03.06.2020 and FDP of HRDC Gujarat University 28.05.2020. To 03.08.2020.

She Has also worked as Resource person in e-Certificate course on “Renewable energy The demand of future” organised by Dept. of Physics at Shri R.L.T. College of Science, Akola. She has also presented Research in Paper 2 National & 1 International conferences & published papers in Journals. She has also participated in 2 International e- conference , webinars and workshops also.

- **Shri S.V.Madavi:-**

He has presented Research paper in 2 National conferences & 1 International conference and published papers in journals.

He has also participated in e-conferences ,webinars & workshops.

**Mrs. Vaishali N. Badgujar**

**HOD. Botany Dept.**

# **Shri R.L.T. College of Science, Akola**

## **Department of Botany**

### **Holy Basil Club Report**

**Session 2019-2020**

Holy Basil Club is an association made by Botanist & students from Botany Dept. Of Shri R.L.T. College of Science, Akola This Club works for social activities & creates platform for emerging young Scientist and developer skills among the students.

Various Activities were taken during this session

#### **1. Seminar Competition**

Seminar competition for the students of B.Sc. II (Sem III) on the occasion of Teacher's Day, Self Governance Programme on 5<sup>th</sup> Sept. 2019.

The Department of Botany organised seminar competition for the students of B.Sc. II (Sem III). Principal Dr. V. D. Nanoty was president of the function.

The results of Seminar competition for the students of B.Sc. II Sem III are as given below:

First position: Ku. Dyaneshwari Polkat

Second position: Ku. Devika Pathar

Third position: Ku. Prajkta Verma

Consolation prize winners were Miss Aarti Kadu and Mr. Akhilesh Puranik.



#### **2. Intercollegiate Poster Competition**

Similarly On the occasion of Golden Jubilee year Celebration "Holy Basil" Department of Botany Environmental cell with IQAC organised "Intercollegiate poster competition cum Exhibition on Depletion of Ozone layer" On the occasion of the 'Ozone day, on 16.09.2019 From various Colleges, students of B.Sc. III year took part in the competition, near about 60 students presented their poster on the theme was ,Depletion of Ozone layer.

The programme was inaugurated by the hands of Principal Dr.Vijay D. Nanoty Sir. Dr.Patil Mam from Shri Shivaji College, Akola. Mrs.V.N.Badgujar HOD of Botany, Dr.R.L.Rahatgaonkar, IQAC co-ordinator were present. Welcome speech was delivered by Mrs. Badgujar Mam. The programme was conducted by Dr.P.M.Khadse and vote of thanks proposed by Mr. S.V. Madavi. The Co-ordinator of this programme was Dr.P.M.Khadse, Useful help got from Dr.A.A.Sangole from department.

The poster were examine and evaluated by the Jury Dr.Patil Madam from Shri Shivaji College, Akola. The prizes were awarded in the form of cash prize and distributed among the three selected students from the participants.

### **3. Plant Anatomy Diagram Competition.**

The Holy Basil Club of Botany Dept. of Shri R.L.T. College of Sci. Akola, organized an “*Inter collegiate Plant Anatomy Diagram competition*,” on 14th Sept.2019 in the Botany Laboratory at 12:30 pm. The Sixty Three students was participated in this competition. Head Dept. of Botany, Mrs Vaishali Badgujar give the Introductory speech in the Competition. The event was judged by the very experienced senior faculty member Dr. Pratiksha S. Kokate, HOD. Dept. of Botany, Shri Shivaji Sci. College, Akola.

The results of “*Inter collegiate Plant Anatomy Diagram competition*” for the students of B.Sc. II Sem III are as given below:

First position: Ku. Aishwarya Sonone	Shri R.L.T. College of Science , Akola
Second position: Ku. Darshana Tapare	Shri R.L.T. College of Science , Akola
Third position: Ku. Aishwarya Punse	Shri R.L.T. College of Science , Akola
1 <sup>st</sup> Consolation prize Mr.Sankalp Gajghate	Shri Shivaji Science, Akola
2 <sup>nd</sup> Consolation prize Ku.Ashwini Bolwankar	Shri R.L.T. College of Science , Akola

### **4. Guest Lecture.**

On the occasion of ‘Golden Jubilee year’ Dept. of Botany ‘Holy Basil club’ ,IQAC & Environment cell organized Guest lecture On 12<sup>th</sup> Feb 2020 at 12.00 noon. The Function was inaugurated by Dr. V .D. Nanoty .He was president of the event. Guest Dr.V.U. Pochhi & Mrs. A.S.Deshmukh was felicitated by Dr.V.D. Nanoty & Environment Cell for their contribution in serving the Environment.

Recenty, Dr .P .M. Khadse has received Ph.D Degree, he was also felicitated by the Dept. For his achievement at the hands of Principal Dr. V. D. Nanoty Sir.

Guest speaker Dr. V.U. Pochhi, Asso. Prof. & HOD. of Botany Shri Shivaji Science College Chikhali and Prof. A.S. Deshmukh Dept. of Zoology (Jr.College), Dr.U.K. Bhaleker

HOD. Microbiology of Shri R.L.T.College of Science, Akola grace the occasion. Prof. V.N.Badgujar introduces and explain the Moto of the programme and welcome the guest. She also highlights the work of 'Holy Basil Club'.

The Programme was conducted by Dr. A. A. Sangole Madam.

On this occasion the newly form body of 'Holy Basil Club' 2019-20 was announced.

Mr.Nikhil Sharma was selected President & Miss. Gayatri Dhombre was selected as vice-president along with 11 Members.

Mr. S.V. Madavi sir proposed vote of thanks.

197 students were present for this guest lecture. Dr.Archana Amle, Dr. Poonam Agrwal, Dr.Kavita Heda, Dr.Rashmi Joshi, were present for this event. All the Teaching staff, Mrs.V.N.Badgujar, Dr.P.M.Khadse, Dr.A.A.Sangole Prof.S.V.Madavi, Dr.M.J.Naise & Non teaching staff, Shri. G.P.Sharma, Shri. P.M.Salphale, Shri. R.S.Dandnaik, Shri. H.A.Umbarkar, Shri Satish Shirsat took efforts for the success of the programme.

All the students of Holy Basil Club also work hard for the Programme.

## **Shri R.L.T. College of Science, Akola.**

### **Environment Cell Report**

**Session 2019-2020**

On the occasion of **Praveshotsav** 15.07.2019 “**save Tree**” **Shapathgrahan** for students, Programme was done by Environment cell.

The demonstration of ‘**How to use Fire Extinguisher**’ was demonstrated on 09.10.2019 in collaboration with Disaster Management Club, Environment cell & Crystal club of Chemistry.

Mrs.V.N.Badgujar, Co-ordinator of Environment cell worked as Jury Member for the Intercollegiate poster competition of M.Sc. students on ‘Green Chemistry’ on 19/10/2019 organized by Dept. of Chemistry, Shri R.L.T. College of Science Akola.

On the occasion of **World Environment Day** Shri R. L. T. College of Science, Akola organized **State Level Online Workshop on ‘Environment and Biodiversity Conservation,**, on Friday 5<sup>th</sup> June 2020, in collaboration with Internal Quality Assurance Cell (IQAC) and Environment Cell. Total **1149** Participants were participated not only from Universities of Maharashtra State but also from various Universities of other states like Telangana, Kashmir, Orisa, etc. Large numbers of participants were from various colleges of Sant Gadge Baba Amravati University, Amravati, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Gondwana University, Gadchiroli, Aurangabad University, Pune University and Mumbai University.

This workshop was inaugurated online by hand of **Dr. V. D. Nanoty**, Principal, Shri R. L. T. College of Science, Akola. At this occasion **Mrs. V. N. Badgujar**, HOD, Botany and Co-ordinator, Environment Cell and **Dr. R. L. Rahatgaonkar**, IQAC Co-ordinator were present and worked as an Advisory committee Member. The Co-ordinator of this workshop was **Mr. Shailendra V. Madavi**, Assist. Prof. Dept. of Botany and **Dr. Archana. S. Sawarkar** was an Organizing Secretary while **Dr. Sudhir R. Kohchale** Worked as Joint Organizing Secretary. All the members of Environment Cell, Dr.S.M.Nagrале, Dr.P.T.Agrawal, Dr.Kavita Heda, Dr.P.M.Khadse, Dr.A.A.Sangole, Dr.Rashmi Joshi worked for the success of this workshop.

Mrs V.N.Badgujar  
Co-ordinator  
Environment Cell