

**ST. FRANCIS COLLEGE FOR WOMEN - HYDERABAD**

**ACADEMIC YEAR 2023 - 24**

**Department of Botany**

**Annual Report**

**NAME OF THE DEPARTMENT: BOTANY**

**1. WORKSHOPS CONDUCTED**

- Two-day National Workshop on “Decoding Global Sustainable Practices and their Impact in Combating Climate” on 10<sup>th</sup> and 11<sup>th</sup> July, 2023- 80 students and 3 faculty members participated.
- “Hydroponics: Basic techniques and scope of soil-less farming” on 17<sup>th</sup> February, 2024 – 30 students and 3 staff members participated.

**2. SEMINARS CONDUCTED**

- Seminar on “IPR – raising awareness and fostering a culture of innovation’ on August 16, 2023- 42 students and 3 staff members attended.

**3. GUEST LECTURES ORGANISED**

- “Recent Trends in Medicinal Plant research” by resource person Dr. Mohd Kashif Husain on December 2<sup>nd</sup>, 2023 for the students of B. Sc BZC and ANBC-first, second and third year

**4. WORKSHOP / SEMINAR ATTENDED (By the Faculty)**

- Dr. Basanti attended a workshop on ‘Emotional Leadership’ conducted on June 5<sup>th</sup> 2023, organised by St. Francis college for Women, Hyderabad.
- Dr. Basanti attended a Webinar on “Ruthu Prema – Menstrual Hygiene and zero waste periods” conducted on June 5, 2023, organised by the Department of Environmental Studies, St. Francis College for Women, Hyderabad.
- Dr. Basanti attended a Webinar on “NEP 2020 – Fostering Social Responsibility and Community Engagement in Higher Education Institutions (HEI) in India 2.0” conducted on June 26, 2023, organised by UGC-HRDC, Osmania University, Hyderabad.

- Dr. Basanti attended an online workshop on “Artificial Intelligence as a Magical Tool for Teachers and Researchers: Challenges and Opportunities” conducted on July 2, 2023, organised by IQAC, Sacred Heart College, Thevara, Kochi.
- Dr. Basanti attended “Leadership workshop on Understanding and Managing Conflicts’ conducted on August 25, 2023, organised by IQAC, St. Francis College for Women, Hyderabad.
- Dr. Basanti attended a seminar on “Enhancing student wellbeing – The vital role of Educators” conducted on 13<sup>th</sup> September 2023, organised by Department of Psychology, St. Francis College for Women, Hyderabad.
- Dr. Basanti attended a Capacity building program session on “Issues and challenges in paper publication” conducted on 6<sup>th</sup> October, 2023 organised by St. Francis College for Women, Hyderabad.
- Dr. Basanti attended a National seminar on “Building a Sustainable Research Ecosystem in Higher Education Institutions” conducted on 28<sup>th</sup> November 2023, organised by Faculty Research Cell, St. Francis College for Women, Hyderabad.
- Dr. Basanti attended a workshop on “Oven fresh delights” conducted on 2<sup>nd</sup> February 2024, organised by the Department of nutrition, St. Francis College for Women, Hyderabad.
- Dr. Basanti attended a guest lecture on Cancer by Dr. Chinnababu Sunkavalli, Clinical Director-Surgical Oncology, Yashoda Hospital on 7<sup>th</sup> Mar,2024, organized by St. Francis Degree College for Women, Hyderabad.
- Dr. S. Revathi attended an FIP session – I (Orientation for newly recruited faculty) on June 1<sup>st</sup> 2023, organised by St. Francis college for Women, Hyderabad.
- Dr. S. Revathi attended a workshop on ‘Emotional Leadership’” conducted on June 5<sup>th</sup> 2023, organised by St. Francis college for Women, Hyderabad.
- Dr. S. Revathi attended an FIP session – II (Professional ethics) by Dr. Subi Varghese on July 14<sup>th</sup> 2023 organised by St. Francis College for Women, Hyderabad
- Dr. S. Revathi attended an FIP session - III (Exams @ SFC) by Dr. Alice David and Ms. Afeefa on August 17<sup>th</sup>,2023 organised by St. Francis College for Women, Hyderabad

- Dr. S. Revathi attended a seminar on “Enhancing student wellbeing – The vital role of Educators” conducted on 13<sup>th</sup> September 2023, organised by Department of Psychology, St. Francis College for Women, Hyderabad.
- Dr. S. Revathi attended a Capacity building program session on “Issues and challenges in paper publication” conducted on 6<sup>th</sup> October, 2023 organised by St. Francis College for Women, Hyderabad.
- Dr. S. Revathi attended the e-workshop on “Advanced Artificial Intelligence Tools for Education” held on 11<sup>th</sup> October 2023, organised by IGNITE Life Skill Academy and IQAC, Sacred Heart College (Autonomous), Thevara, Kochi.
- Dr. S. Revathi attended the e-workshop on “Data-Analysis with SPSS” held from 9<sup>th</sup> – 10<sup>th</sup> December 2023, organised by COMMACAD Education Technologies.
- Dr. S. Revathi attended an FIP – IV (Accreditations - Importance and Procedures) by Dr. Roselin and Dr. Kanchana on 19<sup>th</sup> Dec,2023 organised by St. Francis College for Women, Hyderabad.
- Dr. S. Revathi attended a workshop on “Oven fresh delights” conducted on 2<sup>nd</sup> February 2024, organised by the Department of nutrition, St. Francis College for Women, Hyderabad.
- Dr. S. Revathi attended a seminar on “Leadership” conducted on 14<sup>th</sup> February 2024, organised by IQAC and Peak point leadership.
- Dr. S. Revathi attended an FIP session – V (Introduction to NIRF) by Dr. Usha Praveena on February 20<sup>th</sup>, 2024 organised in St. Francis College for Women, Hyderabad.
- Dr. S. Revathi attended a guest lecture on Cancer by Dr. Chinnababu Sunkavalli, Clinical Director-Surgical Oncology, Yashoda Hospital on 7<sup>th</sup> Mar,2024, organized by St. Francis Degree College for Women, Hyderabad.

## **5. FIELD TRIPS/STUDY TOURS**

- Study tour to Mysore and Coorg was organised from 3<sup>rd</sup> November to 7<sup>th</sup> November, 2023 with 70 students of life sciences (Botany, Zoology, Biotechnology & Nutrition)

accompanied by Dr. Basanti, Dr. Jyothi Rani, Ms. Sheila, Ms. Sravanthi, Ms. Mini and Ms. Indu Bhargavi.

#### **6. PAPER PUBLICATION (FACULTY AND STUDENTS)**

- Revathi Saravanan and Subhashree Venugopal, 2024, Positive Effects of Exogenous Application of Nitric Oxide on Lipid Composition in *Sesbania grandiflora* (L.) Pers. under Elevated Conditions of Chromium and EDTA, ACS Agricultural Sciences and Technology, 4 (2), 193-202.

#### **7 BOOK CHAPTERS PUBLISHED BY FACULTY**

NIL

#### **8. BOOKS PUBLISHED BY THE FACULTY**

NIL

#### **9. PAPER PRESENTATION- FACULTY**

NIL

#### **10. PAPER PRESENTATION -STUDENTS**

NIL

#### **11. Faculty members as resource persons**

NIL

#### **11. INDUSTRY - ACADEMIA CONNECT INITIATIVES**

NIL

#### **12. FACULTY ACHIEVEMENTS**

NIL

#### **13. STUDENT ACHIEVEMENTS (WINNER DETAILS - Inter College, National and international level competitions)**

## **Academic**

- Ms. Mercy Lydia of B.Sc III A BZC won a rolling trophy for securing highest marks in Botany.
- Ms Jyothirmayi, Ms. Padmini, Ms. Vasavi (B. Sc II A BZC); Ms. Harini and Ms. Sai Varenya (B. Sc II N ANBC) attended a training program in Techniques in Plant Tissue Culture from 18<sup>th</sup> to 22<sup>nd</sup> December 2023, organised by Agribiotech foundation, Rajendra Nagar, Hyderabad.
- Ms. Ch. Fairy Fortuna of B.Sc III A BZC won 3rd prize in Essay writing Competition on the occasion of International Drug Abuse Day organised by the Department of Social Management, St. Francis College for Women, Hyderabad on 26<sup>th</sup> June 2023.

## **Extracurricular**

- Ms. Naaz Mehraj Fathima - B. Sc BZC II year - second Prize in Nazm-e-ada - dance competition - La Fiesta, February 2024
- Ms. K. Samsitha - B. Sc BZC III year - second prize - in Dhashabdi Utsavalu - rangoli competition (Biodiversity of Telangana) - Cluster college collaboration, June 2023.
- Ms. B. Saisree - B. Sc BZC III year - second prize - in Dhashabdi Utsavalu - rangoli competition (Biodiversity of Telangana) - Cluster college collaboration, June 2023.
- Ms. Madeeha Mashair - B.Sc. BZC III year - awarded Gold Medal - slogan writing Competition in Hindi - 15th August 2023.
- Ms. B. Sonica - B. Sc BZC I year – second prize – in Natale – rangoli competition, December 2023.
- Ms. B. Sonica - B. Sc BZC I year – second prize – rangoli competition – organised by Harivillu club.

## **Sports**

**NIL**

## **14. SOCIAL OUTREACH INITIATIVES**

- Total number of social outreaches conducted by the department - 1

A total number of 20 students from B. Sc IA – BZC accompanied by the faculty member Dr. Basanti Ch visited the Special Education Centre for the Mentally Handicapped, Institute of Genetics Campus, Begumpet, Hyderabad - 500 016 on 6<sup>th</sup> December 2023.

## **15. FIELD VISITS ORGANISED**

- Field trip to “Medicinal Garden at CCRUM (The Central Council for Research in Unani Medicine)” on 4<sup>th</sup> September 2023 with GE second year students accompanied by Dr. S. Revathi
- Field trip to “Agri Biotech Foundation” on 5<sup>th</sup> February 2024 with BSc. BZC and ANBC Third year students accompanied by Dr. Basanti.Ch and Dr. S. Revathi.

## **16. STUDENT CLUB ACTIVITIES**

- Department students actively participated in the GLEE 2023 organised by Spectrum Club of the college and displayed working and demo models for school children on 12<sup>th</sup> December 2023.

## **17. Student Exchange programmes**

- Ms. Madeeha Mashair of B.Sc III A BZC attended Summer internship program at California Baptist University from 15<sup>th</sup> May to 4<sup>th</sup> June, 2023 under student exchange program organized by American Corner.
- Ms. Safa Afreen of B. Sc IIIN ANBC attended summer internship program at California Baptist University from 15<sup>th</sup> May to 4<sup>th</sup> June, 2023 under student exchange program organized by American Corner.

## **18. FDP Conducted**

**NIL**

## **19. FIP Conducted**

**NIL**

## **20. Capacity building program conducted by the department**

**NIL**

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