

ST. FRANCIS COLLEGE FOR WOMEN - HYDERABAD

ACADEMIC YEAR 2025-26

NAME OF THE DEPARTMENT: BIOCHEMISTRY

1. WORKSHOPS CONDUCTED:

1. The One-day workshop titled “Mock Fire Drill” was conducted on 25th June 2025 by the Department of Biochemistry. This was organised in association with the Internal Quality Assurance Cell (IQAC) and in collaboration with the Secunderabad Fire Station, and attended by a total of all students and all staff members.
2. The workshop titled “Molecular Docking: Computational Modelling of Protein Ligand Interactions” was conducted on 31st January 2026 by the Department of Biochemistry. This was organised under the Star DBT Strengthening Component and was attended by a total of 54 students and 3 staff members.
3. The workshop titled “Molecular Docking: Computational Modelling of Protein Ligand Interactions” was conducted on 12th February 2026 by the Department of Biochemistry. This was attended by a total of 20 students and 4 staff members.

2. SEMINARS/CONFERENCE CONDUCTED:

The training program titled “Laboratory Safety & Quality: GLP, Food Hygiene & First-Aid” was conducted on 31st January 2026 by the Department of Biochemistry and Nutrition. This was organised under the Star DBT Strengthening Component and was attended by a total of 25 lab staff from different colleges.

3. WORKSHOP / SEMINAR ATTENDED (By the Faculty)

- All staff of the Department attended a FDP organised by IQAC, St. Francis College for Women on “The Changing face of NAAC Accreditation: BAF & MBGL” on June 24th 2025.
- Dr.G. Sony attended a 3-day leadership training programme EXPLORE; Endless possibilities from 9th to 11th July,2025 at CHRIST UNIVERSITY, Bangalore.
- Dr. Kanchana attended a Five-Day International Virtual Faculty Development Programme on “Harnessing Generative AI: Smart Tools for Teaching, Learning, Evaluation & Research” from 7th to 11th July 202 organised by St. Josephs college, Tiruchirappalli in collaboration with South Asia Globethics.

- Dr. Kanchana attended a 3-day International conference on “Organisational Culture, work values and Organisational performance in Higher Education Institutions in Christ University, Bengaluru from 6-8th August 2025.
- Dr. Kanchana attended a Tiny Earth Partner Instructor Training from January 6th -8th , 2026 Organised by the Department of Microbiology in collaboration with tiny earth, USA in St. Francis college for women.
- Dr. Kanchana attended an ONLINE SKILL DEVELOPMENT COURSE funded by DBT on Frontiers in Bioinformatics: Trends in Sequence, Structure, Function, and Applications from 21st-25th, January 2026 Organized by Department of Biotechnology National Institute of Technology, Warangal.
- Dr. Kanchana attended an Online Hands-on Workshop “Scientific Data Analysis for Material Characterization using Origin” under DBT Star College (Strengthening Component) Organised by Department of Physics, St. Francis college for Women, on February 17 & 18, 2026.
- Dr. Lavanya Tayi attended an FDP on “Power BI essentials: Visualising, Analysing and Reporting data” Organised by Department of Statistics, St. Francis college for Women, on 12th February, 2026.

4. PAPERS PRESENTED; PUBLISHED / BOOK /CHAPTERS PUBLISHED BY FACULTY & STUDENTS:

Dr. Kanchana had presented a paper titled “Digitally Intelligent: A New Age of Academia” in the International Conference on Organisational Culture, Work Values and Organisational Performance in Higher Education Institutions organized by Christ University, Bengaluru on from 6-8th August 2025.

Papers Published/ Book Chapters:

1. Dr. G. Sony published a paper titled Harnessing Science, Technology, and Innovation to combat Diabetes and Alleviate Poverty: An In Silico Approach to Natural Alpha-Amylase Inhibitors in Global Advances in Multidisciplinary Applications in Next-Gen And Modern Technologies (GAMANAM) Volume 1, Issue 4, October 2025, Pp: 199-215.
2. Dr. G. Sony published a book titled “Role of *Pterocarpus santalinus* in Diabetes Management” in the month of September, 2025, with ISBN number 97899349022881.

5. GUEST LECTURES ORGANISED:

1. A guest lecture titled “Thalassemia Awareness: From Carriers to Care” was organized by the Department of Biochemistry, facilitated by the resource person Mr. Krishna Vamshi on September 3, 2025 for the students of Biochemistry.
2. A guest lecture titled “Introduction to Proteomics: Concepts, Tools and Applications” was organized by the Department of Biochemistry, facilitated by the resource person Dr. Monica Kannan on January 29, 2026 for the students of Final Year (IIC & IIF). This was organised under the Star DBT Strengthening Component.
3. A guest lecture titled “Epilepsy Awareness and Early Intervention” was organized by the Department of Biochemistry, facilitated by the resource person Dr. Sai Chandra Niveditha on Commemorative Day- International Epilepsy Day, February 9, 2026 for the students of Biochemistry.

6. INDUSTRY -ACADEMIA CONNECT INITIATIVES

A. Any MOUs signed by the Department: Nil

B. Guest talk by Industry experts: A guest lecture titled “Alumni Talk: From Campus to Career Alumni success stories and Guidance” was organized by the Department of Biochemistry, facilitated by the alumna Ms.Niharika (Manager south region, Reliance,Forensic Department,Hyderabad.), on July 16th , 2025 for the students of Biochemistry.

7. FACULTY ACHIEVEMENTS

Dr. G. Sony has been awarded with the “Nation Builder Award” by the Rotary Club of Hyderabad on 11th September 2025, Hyderabad. This recognition was conferred on the occasion of Teacher’s Day in appreciation of her significant contribution to the field of education.

8. STUDENT ACHIEVEMENTS (WINNER DETAILS)

Intra & Inter college Competitions

1. Ms. K. Akhila (121323057016) and Ms. M. Aishwarya (121323057019) participated in Paper Presentation event organised by the Department of Microbiology, St. Francis College for Women and were awarded Second Prize by the institute in ICMIC 26 Conference on 9th Jan 2026.

2. Ms. A. Aashritha (121323056004) and Ms. K. Hiranya Das (121323056016) participated in Chem Idol event organised by the Department of Chemistry, St. Francis College for Women and were awarded First Prize by the institute on 5th Feb 2026.
3. Ms. K. Harshitha (121323056017), Ms. G. Bhavya (121323056013) and Ms. C. Geethika (121323056010) participated in Chemistry Thambola event organised by the Department of Chemistry, St. Francis College for Women and were awarded First Prize by the institute on 5th Feb 2026.
4. Ms. Koojitha (121323061011), Ms. Sanjana G (121323061004), Ms. Jyosthna G (121323061005), Ms. Sathwika K (121323061010) and Ms. Hemanjali (121323061021) participated in Flash Mob competition organised in Natale 2025 and were awarded Second Prize by the institute on 12th Dec 2025.
5. Ms. Hemanjali (121323061021) participated in Photography competition organised in Natale 2025 and was awarded Second Prize by the institute on 12th Dec 2025.
6. Ms. Sahaya Emelyn Stanica (121323056027) participated in Photography competition organised in Natale 2025 and was awarded First Prize by the institute on 12th Dec 2025.
7. Ms. Sahaya Emelyn Stanica (121323056027), Ms. P. Rohini (121323056026) and Ms. Sanskriti Kumari (121323056028) participated in Live Experiment event organised in GLEE event and were awarded First Prize by the institute on 20th Nov 2025.
8. Ms. Sahaya Emelyn Stanica (121323056027) participated in Academic Excellence event organised by the Department of Biochemistry and was awarded Gold Medal for securing highest percentage in Biochemistry for four semesters on College Annual Day, 23rd Jan 2026.
9. Ms. Sahaya Emelyn Stanica (121323056027) participated in Academic Excellence event organised by the college and was awarded Proficiency Prize for securing highest percentage in second year.
10. Ms. K. Sujana Reddy (121323061012) participated in Rangoli competition organised in Natale 2025 and was awarded Second Prize by the institute on 12th Dec 2025.
11. Ms. K. Hiranya Das (121323056016) participated in Environmental Activities organised by the college and was awarded Gold Medal for Maximum Involvement in Environmental Activities for the year 2025–26.

Research Paper presentations & Publications:

Ms. P. Tanmaya(121323056024) did a poster presentation in the International conference on Integrating Biotechnology for Global Impact (IGBI 2026) on 17th Feb 2026 organised by the department of Biotechnology, St. Francis college for Women, Hyderabad.

9. SOCIAL OUTREACH INITIATIVE:

A total number of 75 from B.Sc. III C BCMBC (Biochemistry/Microbiology/Chemistry) were accompanied by the faculty member Dr. G. Sony visited Sadhana Institute for the Intellectually Challenged, Nacharam, Hyderabad on 12th December 2025. They donated Rs. 1,750/- and also contributed materials such as blankets, grocery items, vegetables, and stationery items.

10. FIELD VISITS ORGANISED

A group of 40 students from B.Sc. Final Year (BC/MB/C and BC/CA/C) visited CSIR-CCMB, Hyderabad for a field visit between 2:30 pm and 5:00 pm, accompanied by the 2 faculty members of the Department of Biochemistry.

11. STUDENT CLUB ACTIVITIES HOSTED BY DEPARTMENT STUDENTS (IF RELEVANT): Nil

12. Student Exchange programmes: Nil

13. FDP conducted: Nil

14. FIP conducted: The department of Biochemistry conducted the faculty induction programme for the newly appointed teaching staff on August 22, 2025. The resource person for the same was Dr. Kanchana and the topic was “Mapping the Road to Accreditation: Your role in IQAC & NAAC”. 31 participants attended the session.

15. Capacity building program conducted by the department:

1. The department of Biochemistry conducted the capacity building programme for the non-teaching staff on September 20, 2025. The resource person for the same was Dr. Kanchana and the topic was “Healthy Weight, Healthy Life”. 54 participants attended the session.

16. Any other

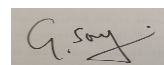
Faculty Members as Resource persons:

1. Dr. S. Kanchana was invited as the Judge for paper presentation at the International Conference titled “Novel Therapeutics to Combat Antimicrobial Resistance: Advancing Collaboration, Innovation and Sustainability” organized by the Department of Microbiology on 9th January 2026.
2. Dr. S. Kanchana was also invited as the Judge for poster presentation at the International Conference titled “Integrative Biotechnology for Global Impact (IBGI 2026)”

conducted by the Department of Biotechnology, St. Francis College for Women on 17th February 2026.

Health Centre Activities:

1. Free health camp was organised which included Dental Screening, Eye check-up, Cholesterol/TSH screening was done for the staff and students on June 17th 2025 in capitano hall. 167 Staff and students availed the opportunity.
2. Eye camp was organised for staff and students on Feb 12th 2026 in capitano hall.187 staff and students availed the opportunity.



Dr.G.Sony

Head,Department of Biochemistry