



Sophia College for Women
(Empowered Autonomous)
Mumbai 400 026



Department of Zoology & RUSA
organize
Annual Conference on
Toxicology Research &
Development
(Online International Conference)

7 - 8 December, 2023

9.30 am to 3:30 pm

Conference Themes:

- **Clinical toxicity**
- **Pharmacotoxicity**
- **Toxicogenomics**
- **Environmental toxicity**
- **Food toxicity**
- **Forensic toxicology**
- **Developmental toxicity**
- **Instrumentation in Toxicology**

Last day of registration and

Participation : December 5, 2023

Abstract submission for oral presentation:

December 2, 2023

[Click here to Register](#)

ABOUT SOPHIA COLLEGE

Sophia College was founded in 1940, affiliated to the University of Mumbai. The Governing Body of the Society for the Higher Education of Women in India runs the College. The Religious Sisters of the Society of the Sacred Heart of Jesus that was founded in France in 1800, by St. Madeleine Sophie Barat, and lay staff form the staff of the College. The main goal of Sophia is the relentless search for Wisdom, through an education that is holistic and transformative. The College has achieved an A++ Grade in its third NAAC cycle with CGPA of 3.70 on the scale of 4.0. In the academic year 2018-19, the college has been granted Autonomous status. Sophia College (Autonomous) offers Bachelor Degree programmes in Arts, Science, Mass Media and Information Technology, and Postgraduate M.Sc. programmes in Life Sciences, Microbiology, and Chemistry as well as Postgraduate diploma course in Quality Assurance in Food & Pharmaceutical Industry. The college has a well equipped Suman Tulsiani Research Centre which is recognized for Ph.D. programme in Applied Biology, Microbiology and Zoology. Sophia has illustrious alumnae from different walks of life as it offers a wide scope for girl students to explore their full potential through an academically rich, value-based education enhanced with many co-curricular and extra-curricular activities.

ABOUT ZOOLOGY DEPARTMENT

The department of Zoology was started in 1952. Zoology is offered as one of the minor subjects under the NEP 2020 scheme of curriculum. The department encourages students to actively participate in various academic as well as the co-curricular activities under Excellence in Science Program and DBT STAR Status by undertaking mini research projects, literature reviews and seminar presentation. The department also organizes environment related activities in order to sensitize the students towards the conservation of ecosystem and understanding the importance of biodiversity. Innovative pedagogies used by the department faculty members such as collaborative learning, enquiry-based learning, invited guest lectures, experiential learning through field-based studies offer an exciting and an enriched academic experience to the students. The syllabus under autonomy has incorporated a blend of basic as well as applied topics in order to give students a sound foundation knowledge of zoology. The department has a spacious UG laboratory and is also a recognized research centre for Ph.D. in Zoology with well-equipped infrastructure facilities.

CONFERENCE SCHEDULE

Day 1 – 7th December, 2023

9.30 AM TO 10.00 AM : INAUGURAL SESSION

10.00 AM TO 11.00 AM : SESSION 1 : APPLICATIONS OF INSTRUMENTATION IN TOXICOLOGY BY DR. AJIT DATAR, SCIENTIFIC ADVISOR, CLARITY BIOSYSTEMS INDIA PVT.LTD

11.00 AM TO 11.30 AM : BREAK

11.30 AM TO 12.30 PM : SESSION 2 : FORENSIC TOXICOLOGY BY MS. RIVA POCHA, FOUNDER- FACTS (FORENSIC ANALYSIS CONSULTANCY & TRAINING SERVICES)

12.30 PM TO 1.30 PM : LUNCH BREAK

1.30 PM TO 3.30 PM : ORAL PRESENTATIONS SESSION 1

Day 2 – 8th December, 2023

10.30 AM TO 11.30 AM : SESSION 3 : ZEBRAFISH AS MODEL ANIMAL IN TOXICOLOGY AND ALLIED RESEARCH BY DR. KALIDAS KOHALE, SCIENTIFIC OFFICER 'F', DEPARTMENT OF BIOLOGICAL SCIENCES, TIFR, COLABA, MUMBAI.

11.30 AM TO 12.00 NOON : BREAK

12.00 NOON TO 1.00 PM : SESSION 4 : TOXICOLOGICAL STUDIES IN CLINICAL TRIALS, MR. PRATIK KULKARNI, SENIOR MANAGER (CLINICAL DATA MANAGEMENT) , AMGEN, CAMBRIDGE, UK.

1.00 PM TO 2.00 PM : LUNCH BREAK

2.00 PM TO 3.30 PM : ORAL PRESENTATIONS SESSION 2

ADVISORY COMMITTEE :

Patron : Dr. (Sr.) Ananda Amritmahal, Dean & Administrator
Chairperson : Dr. Anagha Tendulkar Patil, Principal, Sophia College for Women (Autonomous)

RUSA Nodal Officer : Dr. Yasmin Khan

Convenor : Dr. Roshan D'Souza, Head of Zoology, Sophia College for Women (Autonomous)

ORGANIZING COMMITTEE :

Ph. D. Scholars, Zoology Department:

- Ms. Sandhya Kadiru (sandhya.kadiru@sophiacollege.edu.in) (7045471463)
- Ms. Shreya Patil (shreya.patil@somaiya.edu)
- Ms. Anjali Mali (anjalinimalioo@gmail.com)
- Ms. Arundhati Dahiwal (arundhati.dahiwal1995@gmail.com) (9987185299)
- Mr. Akshay Bagwe (akshaybagwe6@gmail.com) (9004738100)

About The Conference

This is the Second Annual Conference on Toxicology Research & Development. Toxicological research has been of great significance in making the life safe not just for humans but for all the living organisms found in various ecosystems. The field of toxicology research and development has also contributed to the development of selective toxicants that could serve beneficial to humans such as pesticides, anticancer and other clinical drugs. Thus, toxicants can have a dual role to play and scientific interventions are necessary to strike a balance between their excessive usage and mitigation of their harmful effects. This conference therefore, aims at exploring the toxicological studies carried out in various fields which may also be mutually connected. The conference has been planned with an objective to orient the UG and PG students to toxicology as one of the dynamic research fields. It will also offer a platform for the researchers to present their research work in this field whereby an exchange of scientific knowledge could be facilitated.

Guidelines for abstract submission

Abstract should be of maximum 350 words, 4-5 keywords, Times New Roman, font size 12 in the MS word format. It should have sub- headings as Objective, Methods, Results and Conclusion.

Abstract has to be emailed to : sophiazooconf@gmail.com

Registration Details:

- Students of UG & PG, Research Scholars and Teaching Faculty can register as participants as well as can present their research work.
- Oral presentation will be through PPT and of maximum 10 minutes including Q&A.
- Registration is mandatory for participation and oral presentation.
- The sessions will be conducted via Zoom platform, the details of which will be shared with the registered participants accordingly.
- There is no registration fees for participation as well as presentation
- E-certificates will be issued to the participants who will attend all the sessions and fill the feedback form



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Annual Conference on Toxicology Research & Development

RUSA Funded 2nd Online International Annual Conference

Organized by Department of Zoology

7- 8 December, 2023

SCHEDULE FOR ORAL PRESENTATIONS

Day 01: Thursday, 7th December, 2023

(Time: 2.00 PM onwards)

Sr. No.	Name of the Presenter	Title of the Paper
1	Sandhya Kadiru	Hepatotoxicity Study of beta-Cyfluthrin Exposure on Zebrafish ((<i>Danio</i> sp.)
2	Hina Sheikh	Clinical toxicology study of immunomodulatory effect of <i>Gmelina arborea</i>
3	Ayushi Singh	Toxicological Effects of Caffeine, Capsaicin, and Nicotine on the Development of Chick Embryos
4	Fatima Khan	Effectiveness of natural herbs on sewage and treated municipal waste water: A comparative study
5	Ganesan Gopal	Anti-Obesity Effects of <i>Lagerstroemia speciosa</i> Ethanolic Green Leaf Extract against a Ketogenic Diet in Female Albino Rats
6	Swamini Patade	Green Power from Polluted Waters: Microbial Fuel Cell Technology for Enhanced Dye Effluent Bioremediation and Electricity Generation
7	Sanika More	Investigating the toxicity of several facial cleansers using <i>Moina</i> sp.

Note: The duration for each oral presentation will be 10 minutes followed by the Q&A session for 5 minutes.



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Day 02: Friday, 8th December, 2023

(Time: 2.00 PM onwards)

Sr. No.	Name of the Presenter	Title of the Paper
1	Shreya Patil	Effect of Clothianidin on Developmental Exposure to Zebrafish (<i>Danio sp.</i>)
2	Vind Kumar Tiwari	Upshot of Makardhwaja on Spermatogenesis of Young Male Mice
3	Zeenat Surve	Toxicological analysis of anti-ovulatory compound (Triquilar) by assessment of vascularization using the Chicken's Chorioallantoic Membrane (CAM Assay)
4	Jai Knox	Allelopathic Effect of <i>Croton bonplandianum</i> on <i>Parthenium hysterophorus</i> through Allelopathic mode of action
5	Ajitha Priya Jammala	Bioplastics as an alternative to synthetic plastics
6	Sachin Nawale	Curative Role of Caffeine And L-Ascorbic Acid on Lead Induced Alkaline Phosphatase Enzyme Activity in Various Tissues of <i>Lemellidens Corrianus</i> (Lea)
7	Jennifer Robinson	The Climate crisis is a Human health crisis
8	Sachin Gosavi	Plasticizers and plastic organisms: Effect of diethyl phthalate on freshwater planarian behaviour, regeneration, and antioxidant defence

Note: The duration for each oral presentation will be 10 minutes followed by the Q&A session for 5 minutes.