



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: Workshop in Zebrafish model system			
DATE: 7 th November, 2023	DEPARTMENT Zoology/Biological Science	COMMITTEE/SOCIETY	COORDINATORS' NAME Prof. Padamshree Mudgal Dr. P.Jayaraj
TIME: 9:30 A.M to 3:00 P.M	VENUE Zebra Fish Lab Facility, Daulat Ram College	NUMBER OF PARTICIPANTS 26	NATURE: Outdoor/Indoor; online/offline/hybrid Indoor
FINANCIAL SUPPORT/ASSISTANCE (if any):			

BRIEF INFORMATION ABOUT THE ACTIVITY

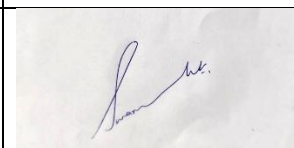
TOPIC/SUBJECT OF THE ACTIVITY	Workshop in Zebrafish model system
OBJECTIVES	The primary objective of the student visit to the Zebrafish model system workshop was to provide a comprehensive understanding of the developmental stages of zebrafish, a widely utilized model organism in scientific research. The visit aimed to familiarize students with the unique advantages of using zebrafish for studying various biological processes, ranging from embryonic development to genetic and disease-related investigations. By immersing themselves in this workshop, students were expected to gain insights into the practical applications of the zebrafish model system in scientific research and appreciate its relevance in advancing our understanding of fundamental biological mechanisms.
METHODOLOGY	

	<p>Hands-On Experience: During the hands-on experience segment of the workshop, students were actively engaged in observing and documenting different stages of zebrafish development. Through guided demonstrations, participants learned to identify key developmental milestones, including embryonic stages, organogenesis, and the establishment of basic anatomical structures. Practical skills were honed as students were encouraged to handle zebrafish embryos, apply microscopy techniques, and document their observations. This hands-on experience not only strengthened their understanding of developmental biology but also provided valuable skills that are transferable to various research contexts, fostering a sense of confidence in working with model organisms.</p> <p>Methodology: The workshop commenced with an introductory session elucidating the significance of the zebrafish model system in biological research. Following this, participants were led through a series of presentations detailing the various developmental stages of zebrafish, accompanied by illustrative materials and live demonstrations. Emphasis was placed on the experimental techniques commonly employed in zebrafish research, including microscopy and genetic manipulation tools. The hands-on session involved active participation, allowing students to apply theoretical knowledge in a practical setting. Instructors provided continuous guidance, answering queries and ensuring a dynamic learning environment.</p>
<p>INVITED SPEAKERS WITH AFFLIATION DETAILS (IF ANY)</p>	
<p>OUTCOMES</p>	<p>The student visit to the Zebrafish model system workshop proved to be a transformative experience, equipping participants with a profound understanding of zebrafish development and its relevance in scientific research. Through hands-on activities, students gained practical skills in the manipulation and observation of zebrafish embryos, fostering a deeper appreciation for the intricacies of developmental biology. The workshop successfully bridged theoretical knowledge with practical applications, empowering participants to envision the potential of zebrafish as a model organism in their future research endeavors. Overall, the workshop offered a valuable opportunity for students to engage with cutting-edge techniques and concepts in developmental biology, enhancing their scientific acumen and inspiring a newfound curiosity for experimental approaches in their academic pursuits.</p>

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters ✓	2 Number of Participants & Name of participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form & analysis
6 News clip with details	7 Sample Copy of the Certificate ✓	8 Posters/ Invites ✓	9 Event report Attested by Event Coordinator & IQAC Coordinator ✓	10 Any other document

IQAC Document No: IQAC/Zoology/2022-2023	Criterion No: II/III/VII
Departmental file no: Departmental file no: IQAC/Zoology/2022- 2023/09	IQAC file No: SVC/2022-23

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. P. Jayaraj	Dr. P.Jayaraj	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation ✓	Criterion VI	Governance
Criterion III	Research, Innovations & Extension ✓	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		



DAULAT RAM COLLEGE
UNIVERSITY OF DELHI

Zebra fish Lab Facility

Organises

Workshop in Zebrafish Model system



Date: 7th NOV. 2023

Highlights

- Zebrafish Husbandry, breeding , egg collection
- Study developmental stages of zebrafish embryo
- Zebrafish model organism in Research

Certificates will be given to all participants

Contact

pmudgal@dr.du.in.ac

Patron

Prof. Savita Roy
Principal

Coordinator, svc

Dr. P. Jayaraj

Convener Workshop

Prof. Padmshree Mudgal

Mentors

Prof. Padmshree Mudgal (Prof. Biochemistry)
Dr. Radhika Gupta (Asstt. Prof. Biochemistry)

Key glimpse from the workshop



Students of B.Sc (H) Biological Science, SVC along with team of Zebra fish lab, DRC.



Students observing zebrafish



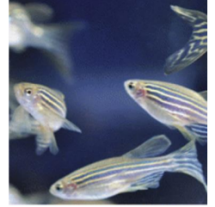
Students observing the various stages of zebrafish under the guidance of Prof. Padam Shree Mudgal



Workshop on Zebrafish Model System

Organised by

DAULAT RAM COLLEGE
UNIVERSITY OF DELHI



CERTIFICATE OF PARTICIPATION

This is to certify that *Ms. Mridul* from *Sri Venkateswara College* has actively participated in “*Workshop on Zebrafish Model System*” on 7th November 2023 at **Zebrafish Lab Facility, Daulat Ram College, University of Delhi.**

Prof. Padmshree Mudgal
Incharge-Zebrafish Lab facility
Daulat Ram College

Copy of certification of participation

Workshop in Zebrafish Model System- Daulat Ram College, DU

List of students attending the workshop from Sri Venkateswara College, Dept. of Biological Sciences (III year) :

S. No	Roll Number	Name	Fee-200₹	Attendance
1	1321001	KANUPRIYA MAHAUR	Paid(cash)	<i>Kanupriya</i>
2	1321004	NUNAVATH VENKATNAIK	Paid(cash)	<i>N. Venkat</i>
3	1321007	CHETNA GUPTA	Paid(cash)	<i>Chetna</i>
4	1321008	MEGHA CHANDILLA	Paid(cash)	<i>Megha</i>
5	1321009	SHIVANGI	Paid(cash)	<i>Shivangi</i>
6	1321011	MUSKAN AGGARWAL	Paid(cash)	<i>Muskan</i>
7	1321018	KUNAL RAJ	Paid(cash)	<i>Kunal</i>
8	1321019	ANSHIKA AGGARWAL	Paid(cash)	<i>Anshika</i>
9	1321020	MOHAMMED ABAAN KURIKKAL M P	Paid(cash)	<i>Mohammed</i>
10	1321021	GAURAVYA MOHAN	Paid(cash)	<i>Gauravya</i>
14	1321023	GARGI SAJWAN	Paid(cash)	<i>Gargi</i>
12	1321029	KEVIKA GOEL	Paid(cash)	<i>Kevika</i>
13	1321031	ANAND PRAJAPATI	Paid(cash)	<i>Anand</i>
14	1321032	TANISHK LAKHERA	Paid(cash)	<i>Tanishk</i>
15	1321033	KAJAL CHAUHAN	Paid(cash)	<i>Kajal</i>
16	1321035	PRINCI JAISWAL	Paid(cash)	<i>Princi</i>
17	1321036	MRIDUL	Paid(cash)	<i>Mridul</i>
18	1321037	JEEVIKA BHAT	Paid(cash)	<i>Jeevika</i>
19	1321038	DEVYANSHI VINOD	Paid(cash)	<i>Devyanshi</i>
20	1321039	ANKUR VERMA	Paid(cash)	
21	1321040	John Nhial Ajith Ayuen	Paid(cash)	<i>John</i>
22	1321043	PRATUSH	Paid(cash)	<i>Pratish</i>
23	1321044	TASHEEF SUHAIL	Paid(cash)	<i>Tasheef</i>
24	1321048	RAKSHA DEVI	Paid(cash)	<i>Raksha</i>
25	1321051	MOHIT UPADHAYAY	Paid(cash)	
26	1321052	MOHD KAMRAN KHAN	Paid(cash)	
27	1321054	MRIDUL SINGH TOMAR	Paid(cash)	<i>Mridul</i>
28	1321055	MAYANK	Paid(cash)	<i>Mayank</i>

[Signature]
Teacher in charge

Attendance



Tirumala Tirupati Devasthanams
శ్రీ వేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)
NAAC Grade A+

PERMISSION FOR ORGANIZATION OF EVENTS

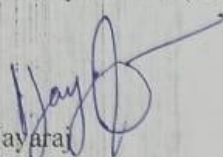
NOTE: 1. Please ensure that the completion certificate of the event is physically signed by the Convener of the event, IQAC Coordinator and Principal after the event report is made.
2. Please ensure a pre booking of the venue before getting the permission letter signed.
3. A copy of this duly filled form signed by the TIC/ Convener and Principal shall be submitted to: ICT: sysadmin@svc.ac.in, Caretaker: sandeepthra@svc.ac.in, IQAC Coordinator: iqac@svc.ac.in, Dr. Arpita Kaul: arpita@svc.ac.in for commerce, NSS, NCC, EOC, Empathise, Placement and Sports events, Dr. Urmi: urmi.b@svc.ac.in for humanities events, Dr. P. Jayaraj: jayaraj@svc.ac.in for sciences events. (Mails mentioned in SOP) and Dr. Nagendra Kumar Kalaparthi: nkalaparthi@svc.ac.in for IQAC/ NAAC criteria 1-7.

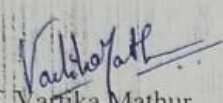
EVENT DETAILS

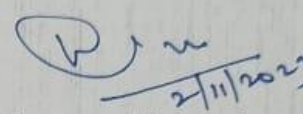
1. Name of the Department/Society /Association: **Biological Science**
2. Name of the TIC/Convener (if any): **Prof. Vartika Mathur**
3. Nature of Event: Seminar/Conference/Symposium/Workshop/FDP/Public or community outreach/ skill enhancement/others... **Workshop in Zebrafish Model system**
4. Participants: III-year B.Sc (Biological Science students)
Student-centric
5. Event Type: **outdoor workshop** Offline/Online/Hybrid;
Indoor/Outdoor
6. Collaborating Agency /Organization: Daular Ram College
7. Proposed Title of the Event: **Workshop in Zebrafish Model system**
8. Tentative List of Speakers with affiliations: Prof. Padmshree Mudgal (Prof. Biochemistry), Dr. Radhika Gupta (Asstt. Prof. Biochemistry)
9. Date, Time : from to : Date: 7th NOV, 2023 (time: 10 A.M to 3 P.M)
10. Financial Assistance/ Funding received (if any) : None
11. Proposed Budget (please attach details in a separate enclosure): NA
12. Faculty responsible for Geo Tagged Pictures: Dr. P.Jayaraj
13. Faculty responsible for Event Report: Dr. P.Jayaraj
14. ICT support required, if any (ICT Lab, Laptop, LCD projector)

15. Caretaker support required (tables, chairs, public addressing system, sanitation, manpower assistance) NA

16. Room requirement (Seminar/ any other)NA


Dr. P. Jayaraj
Name & Signature of Coordinator


Prof. Varuka Mathur
Name & Signature of TIC (Biological Science)


Signature of Principal

Date: 2/11/2023

Date:



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

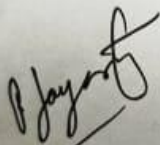
Sri Venkateswara College

(University of Delhi)


NAAC Grade A+

CERTIFICATE

This is to certify that the “Workshop in Zebrafish model system” was successfully conducted on 7/11/2023 from (Time) 9:00 am to 3:00 pm by Department of biological science, Sri Venkateswara Collge in the offline mode and its event report has been submitted to IQAC for records.


Event In-Charge


IQAC Coordinator
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhula Kuan, New Delhi-110021


Principal
PRINCIPAL (Acting)
Sri Venkateswara College
(University of Delhi)
Dhula Kuan, New Delhi-110021