

Program Report
(1 June 2023- 31 May 2024)
ZOOPP 2023

Zoology Online Power Point Presentation

SI No		
1	Name of the Program	2 nd ZOOPP 2023 (Zoology Online Power Point Presentation)
2	Online/Offline	online
3	Date	4 August 2023
4	Time	9.30am-12pm
5	Organised by	Department of Zoology
6	Resource person/persons	Dr A K Prema, Head (Rtd) Department of Zoology. The Cochin College Dr Shyla G, Assistant Professor, Department of Aquaculture, KUFOS, Kochi Ms Remya James. Assistant Professor and Head, Department of Zoology, St Joseph's College for Women, Alappuzha.
7	Coordinator/convenor	Dr Vineeth Kumar T V
8	Organising Committee	Dr Smitha NR, Assistant Professor and Head Dr Manju V Subramanian, Assistant Professor Department of Zoology. The Cochin College
9	Financial Assistance	NA
10	No of students participated	14
11	No of Faculty Participated	14
12	Public Participation (if any)	NA
13	Description of the program	Zoology project presentation competition- ZOOPP was launched by the department of Zoology, The Cochin College in 2020 with an aim to provide a platform for the UG students to present their final year (6th semester) project to a large audience, which would be a motivation to take up a research career. ZOOPP is organized every year in June/July. Two projects can be submitted from a college (only from Zoology departments) soon after their sixth semester practical examination and viva. Head of the department/the project guide can send (through registration link in the brochure) projects

		<p>(format as prescribed by the university) for the competition. Only current year's (2022-23) projects can be submitted for the competition of that year, previous year's project will not be considered. A certificate stating the genuinity of the project (certificate template in the registration link) from the head of the department should be attached in the registration form. The projects was evaluated by an expert committee and the projects recommended by the committee were called for the online PowerPoint presentation competition.</p> <p>Seven Projects were shortlisted for presentation on 4 August 2023. The evaluators were Dr Shyla G, Assistant Professor, Department of Aquaculture, KUFOS, Kochi and Ms Remya James, Assistant Professor and Head, Department of Zoology, St Joseph's College for Women, Alappuzha.</p>
	Online Video Link of the program	https://youtu.be/pO9kG96LWVM

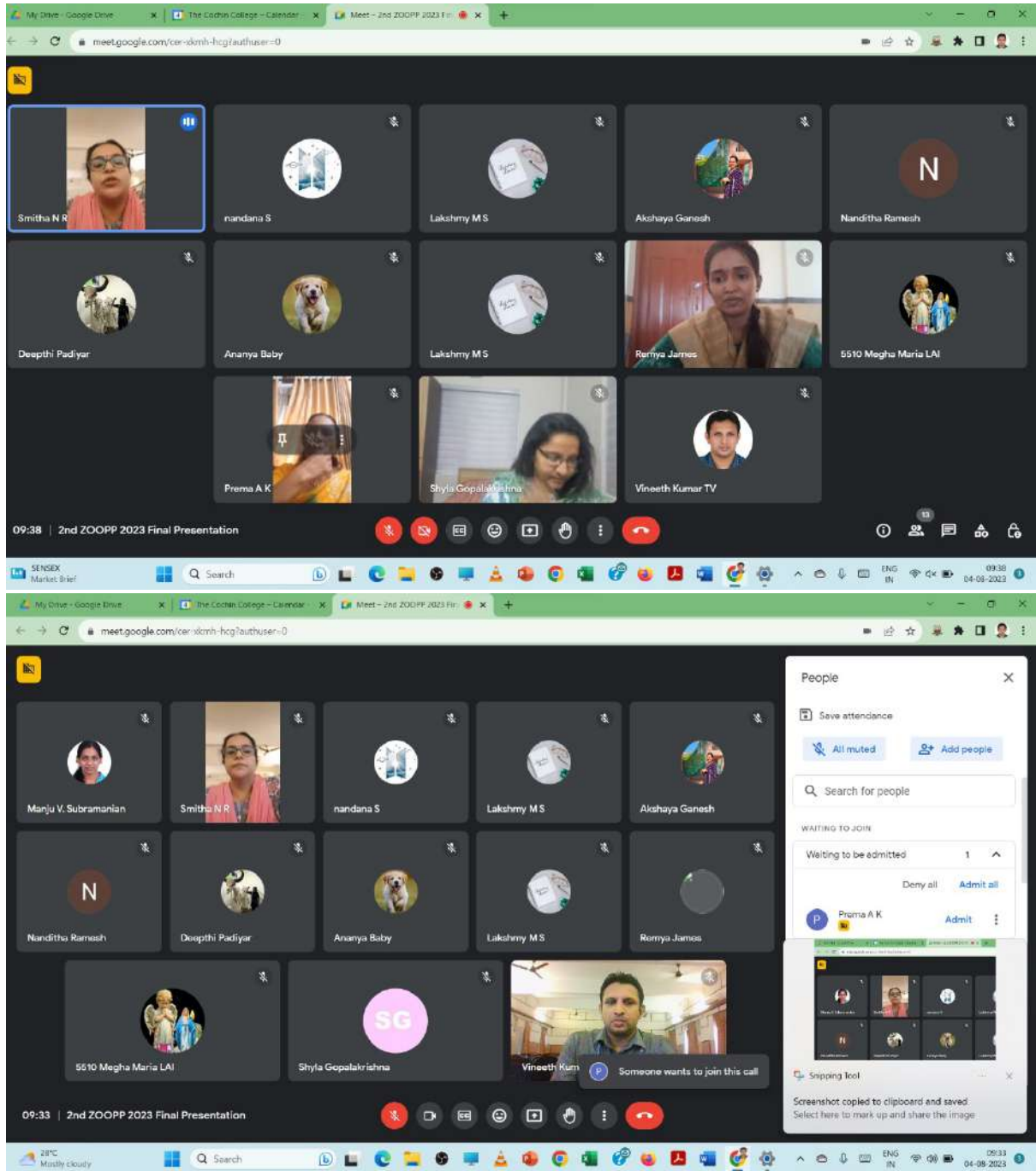
Participants Registered for the Program- Highlighted in green are the shortlisted candidates for presentation

SL No	Name of Student/Students	Name of the Institution	Year of study	Project Title	Name of Project Guide & Designation
1	Ananya Baby	Sree sankara college kalady	2020-23	A STUDY ON THE HOMESTEAD ARTHROPOD DIVERSITY AT CHETHICODE NEAR COCHIN INTERNATIONAL AIRPORT, ERNAKULAM, KERALA	Dr. MINIMOL K. C. Assistant Professor Department of Zoology Sree Sankara College. Kalady
2	SREELAKSHMI MADHU	SREE SANKARA COLLEGE, KALADY	2020-23	A STUDY ON THE RIVER BANK FAUNA OF PERIYAR RIVER AT MANJAPETTY, PERUMBAVOOR, ERNAKULAM, KERALA	MINIMOL K. C, ASSISTANT PROFESSOR, SREE SANKARA COLLEGE, KALADY
3	Lakshmy M S	St. Xavier's College, Vaikom	2020-23	Studies on the relative gut length and relative stomach length in some indigenous fishes.	Dr. K J Abraham ; Head of the department
4	Nandana	NSS College Nilamel	2020-23	Growth response of isolated water and soil bacteria towards five selected agents	Dr. Devi R R, Assistant professor, Dept. of Zoology, NSS College Nilamel
5	ASWATHY V.S & ALEENA ROY	ST TERESA'S COLLEGE, AUTONOMOUS, ERNAKULAM	2020-23	ANTIBACTERIAL EFFECT ON VARIOUS HOME REMEDIES ON DIFFERENT STRAINS OF BACTERIA	Dr. HELVIN VINCENT, ASSISTANT PROFESSOR
6	Anna Merin Easo , Ameesha Grace M P	St. Teresa's College, Autonomous, Ernakulam	2020-23	Antibacterial effects of spice extracts on different strains of bacteria - A comparative study	Dr. Helvin Vincent, Assistant professor
7	G.AKSHAYA	ST.TERESA'S COLLEGE ERNAKULAM	2020-23	STUDY ON THE WATER QUALITY PARAMETERS AND THE PRESENCE OF ESCHERICHIA COLI IN VEMBANAD LAKE	DR.MEERA JAN ABRAHAM,ASSOCIATE PROFESSOR
8	Megha Maria Lal	St. Xaviers College for Women, Aluva	2020-23	ECO- MEDI BRICKS BUILDING UP A SUSTAINABLE FUTURE	Dr. Revathy S & Dr. Seema K, Assistant Professors, Zoology Department
9	SRUTHI PUSHPANGADAN	ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA	2020-23	"HYDROCARBON DEGRATION POTENTIAL OF RHIZOSPHERE ASSOCIATED BACTERIA FROM MANGROVES OF COCHIN	Dr.Baby Divya, Assistant Professor, Department of Zoology, St. Xavier's College for Women, Aluva , 683101
10	Sijil Roshan Abdul Hakkim	NSS College Ottapalam	2020-23	STUDY OF DIVERSITY OF AVIAN FAUNA IN NSS COLLEGE OTTAPALAM, PALAKKAD DISTRICT, KERALA	Dr.P.Lakshmi Devi Menon, Assistant Professor,Department of Zoology
11	Nafisa Isahack	St.Xavier's College for women, Aluva	2020-23	A study on the domestication and breeding of different varieties of pigeon	Dr.Revathy S, Assistant professor
12	Deepthi	Sacred Heart College, Thevara	2020-23	Effect of Caffeine on Embryo Development of Danio rerio.	Ms. Raagam P.M, Assistant Professor
13	Jaiji Joy	Sacred Heart College, Thevara, Kochi	2020-23	In Silico analysis of flavonoids of Glycyrrhiza glabra against DENV-2 NS1 protein.	Fr. Dr. Jobi MJ, Assistant Professor
14	Nanditha Ramesh	NSS Hindu College, Perunna, Changanacherry	2020-23	"Antimicrobial Activity of Selected Plant Extracts against Escherichia coli "	Dr. Prabha Pillai

2023-08-04 09:05 2nd ZOOPP 2023 Final Presentation – Attendance Report

First name	Last name	Email	Duration	Time joined	Time exited
Lakshmy M S		laks*****@***.com	2 hrs 15 mins	09:27	11:42
Prema	A K	prem*****@***.com	20 mins	09:33	09:53
Ananya	Baby	anan*****@***.com	1 hr 49 mins	09:29	11:30
Events	College	events@thecochoincollege.edu.in	16 secs	09:37	09:37
Library	College	library@thecochoincollege.edu.in	4 mins	11:09	11:12
Akshaya	Ganesh	gane*****@***.com	2 hrs 15 mins	09:28	11:42
Shyla	Gopalakrishna	sgop*****@***.com	1 hr 47 mins	09:32	11:21
Remya	James	remy*****@***.in	2 hrs 12 mins	09:31	11:42
Sathya Narayanan	K	sathyanarayanank@thecochoincollege.edu.in	21 mins	11:08	11:29
Vineeth	Kumar TV	vineethkumartv@thecochoincollege.edu.in	2 hrs 17 mins	09:26	11:43
5510 Megha Maria	LAI	megh*****@***.com	1 hr 43 mins	09:31	11:42
Smitha	N R	smithanr@thecochoincollege.edu.in	2 hrs 16 mins	09:26	11:42
Deepthi	Padiyar	deep*****@***.com	2 hrs 13 mins	09:29	11:42
Nanditha	Ramesh	nand*****@***.com	2 hrs 13 mins	09:29	11:42
nandana	S	nand*****@***.com	2 hrs 11 mins	09:27	11:42
Manju V.	Subramanian	manjuvsubramanian@thecochoincollege.edu.in	1 hr 28 mins	09:26	11:36
Paulbert	Thomas	paulbert@thecochoincollege.edu.in	19 mins	11:01	11:20

Reflections of the Program



My Drive - Google Drive | The Cochin College - Calendar | Meet - 2nd ZOOPP 2023 Final Presentation

meet.google.com/cer-xkmh-hcg?authuser=0

Manju V. Subramanian | Smitha N R | nandana S | Lakshmy M

Nanditha Ramesh | Deepthi Padiyar | Ananya Baby | Lakshmy M

Deepthi Padiyar (Presenting)

Targets of caffeine

- Caffeine interacts with ryanodine receptors (RyRs) and adenosine receptors (ADRs).

Basnet et al., 2021
Caffeine exposure decreases the number of interconnecting vessels in the SIVP.

RyRs and ADRs are abundant in muscles as well as the nervous and cardiovascular systems; they play roles in regulating intracellular calcium release, contraction, and angiogenesis.

10:22 AM, Fri 4 Aug

29°C Mostly cloudy

10:22 04-08-2022

ZOOPP-2023

Zoology Online Project Presentation Competition 2023

Department of Zoology,
The Cochin College

CASH PRIZES AND CERTIFICATES

FIRST PRIZE - RS1500
SECOND PRIZE – RS 1000
THIRD PRIZE – RS 500

**ALL PROJECTS SELECTED FOR PRESENTATION
WILL BE GIVEN CERTIFICATE OF
APPRECIATION**

Zoology project presentation competition- **ZOOPP** was launched by the department of Zoology, The Cochin College in 2020 with an aim to provide a platform for the UG students to present their final year (6th semester) project to a large audience, which would be a motivation to take up a research career. ZOOPP is organized every year in June/July. Two projects can be submitted from a college (only from Zoology departments) soon after their sixth semester practical examination and viva. Head of the department/the project guide can send (through registration link in the brochure) projects (format as prescribed by the university) for the competition. **Only current year's (2022-23) projects can be submitted for the competition of that year, previous year's project will not be considered.** A certificate stating the genuinity of the project (certificate template in the registration link) from the head of the department should be attached in the registration form. The projects will be evaluated by an expert committee and the projects recommended by the committee will be called for the online PowerPoint presentation competition.

Important dates

- **Last date for submission of projects : 7 July 2023**
- **Date of announcement of selected projects for presentation: 14 July 2023**
- **Tentative date of final online presentation: last week of July**

Link for Registration Form -
<https://forms.gle/69mZ8VP3aN1bLndr5>

Format for Certificate from Head of Department -
<https://docs.google.com/document/d/1VdK4oYjyIUXNRJxAE511zjxGFaP-2958JVBo4q9Ptjc/copy>

Important Instructions

- **Competition only for UG students**
- **Only two projects can be submitted from a college**
- **Projects should be submitted as PDF in the registration link provided**
- **Two separate registration is required if two projects are submitted**
- **Certificate from Head of the Department is mandatory**
- **The abstract should be not more than single page (font times new roman 12pt with 1 point line spacing)**
- **Group projects can be submitted, but only one student will be allowed to present the project**
 - **Presentation should be prepared for 7 minutes (max 15 slides)**
 - **Presentation will be through online platform**
 - **If there is any difficulty in uploading in the registration link, projects and certificates can be mailed to (zoodeptcc1968@gmail.com)**
 - **Cash prizes (Rs 1500, Rs 1000, Rs 500 for first, second and third place respectively) and certificates for the top three projects.**
 - **All projects selected for presentation will be given certificate of appreciation**
 - **Selected abstracts will be published as an abstract book with ISBN**

Important dates

- **Last date for submission of projects : 7 July 2023**
- **Date of announcement of selected projects for presentation: 14 July 2023**
- **Tentative date of final online presentation: last week of July**

Coordinators

Dr Smitha N R, Head, Department of Zoology

Dr Manju V Subramanian, Assistant Prof, Department of Zoology

Dr Vineeth Kumar T V, Assistant Prof, Department of Zoology

Contact

Dr Vineeth Kumar T V, Mob; 854722314

zoodeptcc1968@gmail.com

ZOOPP-2023

Zoology Online Project Presentation Competition 2023

4th August 2023

Department of Zoology,
The Cochin College

CASH PRIZES AND CERTIFICATES

FIRST PRIZE - RS1500
SECOND PRIZE – RS 1000
THIRD PRIZE – RS 500

**ALL PROJECTS SELECTED FOR PRESENTATION
WILL BE GIVEN CERTIFICATE OF
APPRECIATION**

Zoology project presentation competition- **ZOOPP** was launched by the department of Zoology, The Cochin College in 2020 with an aim to provide a platform for the UG students to present their final year (6th semester) project to a large audience, which would be a motivation to take up a research career. ZOOPP is organized every year in June/July. Two projects can be submitted from a college (only from Zoology departments) soon after their sixth semester practical examination and viva. Head of the department/the project guide can send (through registration link in the brochure) projects (format as prescribed by the university) for the competition. **Only current year's (2022-23) projects can be submitted for the competition of that year, previous year's project will not be considered.** A certificate stating the genuinity of the project (certificate template in the registration link) from the head of the department should be attached in the registration form. The projects will be evaluated by an expert committee and the projects recommended by the committee will be called for the online PowerPoint presentation competition.

Shortlisted Projects for Presentation on 4th August 2023

Congratulations Students and their Mentors!!!!!!!

Name of Student/Students	Name of the Institution
Ananya Baby	Sree Sankara college, Kalady
Lakshmy M S	St. Xavier's College, Vaikom
Nandana	NSS College, Nilamel
G.Akshya	St Teresa's College,
Megha Maria Lal	St. Xaviers College for Women, Aluva
Deepthi	Sacred Heart College, Thevara
Nanditha Ramesh	NSS Hindu College, Perunna, Changanacherry

Shortlisted Projects for Online Presentation on 4th August 2023

Congratulations Students and their Mentors!!!!!!

Name of Student/Students	Name of the Mentor	Name of the Institution	
Ananya Baby	Dr. MINIMOL K. C.	Sree Sankara college, Kalady	
Lakshmy M S	Dr. K J Abraham	St. Xavier's College, Vaikom	
Nandana	Dr. Devi R R	NSS College, Nilamel	
G.Akshya	Dr. Meera Jan Abraham	St Teresa's College,	
Megha Maria Lal	Dr. Revathy S & Dr. Seema K	St. Xaviers College for Women, Aluva	
Deepthi	Ms. Raagam P.M	Sacred Heart College, Thevara	
Nanditha Ramesh	Dr. Prabha Pillai	NSS Hindu College, Perunna, Changanacherry	

Coordinators

Dr Smitha N R, Head, Department of Zoology

Dr Manju V Subramanian, Assistant Prof, Department of Zoology

Dr Vineeth Kumar T V, Assistant Prof, Department of Zoology

Contact

Dr Vineeth Kumar T V, Mob; 854722314

zoodeptcc1968@gmail.com

Student Coordinators

Vivek P V – II DC Zoology

C J Anjana- II DC Zoology



2nd ZOOPP 2023 Final Presentation Invitation Link

Created by: Vineeth Kumar TV · Your response: ✓ Yes, I'm going

Time

9:15am - 11:30am (India
Standard Time - Kolkata)

Date

Fri 4 Aug 2023

Where

The Cochin College, Cochin College
Road Near South, Indian Bank,
Koovapadam, Chullickal, Kochi, Kerala
682002, India

My Notes

Guests

- ✓ Vineeth Kumar TV
IQAC Coordinator
- Manju V. Subramanian
- Meera Menon
- Paulbert Thomas
- Sindhu K
- Smitha N R



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. G. Akshaya , Department of Zoology, St. Teresa's College, Ernakulam, presented the project entitled 'Study on the Water Quality Parameters and the Presence of Escherichia Coli in Vembanad Lake' , and won First Place in the State level Zoology Online Project Presentation Competition , ZOOPP 2023, organised by the Department of Zoology, The Cochin College, Cochin, on 4th August 2023. The project was guided by Dr. Meera Jan Abraham, Associate Professor, Department of Zoology, St. Teresa's College, Ernakulam.

Dr. Vineeth Kumar T V
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha N R
Head, Department of Zoology



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. Megha Maria Lal, Department of Zoology, St. Xavier's College for Women, Aluva, presented the project entitled 'Eco- Medi Bricks Building up a Sustainable Future', and won Second Place in the State level Zoology Online Project Presentation Competition, ZOOPP 2023, organised by the Department of Zoology, The Cochin College, Cochin, on 4th August 2023. The project was guided by Dr. Revathy S, Assistant Professor & Dr. Seema K, Assistant Professor, Department of Zoology, St. Xavier's College for Women, Aluva.

Dr. Vineeth Kumar TV
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha NR
Head, Department of Zoology



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. Deepthi, Department of Zoology, Sacred Heart College, Thevara, presented the project entitled 'Effect of Caffeine on Embryo Development of Danio rerio', and won Third Place in the State level Zoology Online Project Presentation Competition, ZOOPP 2023, organised by the Department of Zoology, The Cochin College,, Cochin, on 4th August 2023. The project was guided by Ms Ragam P M, Assistant Professor, Department of Zoology, Sacred Heart College, Thevara.

Dr. Vineeth Kumar T V
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha N R
Head, Department of Zoology



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. Nanditha Ramesh, Department of Zoology, NSS Hindu College Changanacherry, presented the project entitled 'Antimicrobial Activity of Selected Plant Extracts against Escherichia coli', in the State level Zoology Online Project Presentation Competition, ZOOPP 2023, organised by the Department of Zoology, The Cochin College,, Cochin, on 4th August 2023. The project was guided by Dr. Prabha Pillai, Assistant Professor, Department of Zoology, NSS Hindu College Changanacherry.

Dr. Vineeth Kumar T V
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha N R
Head, Department of Zoology



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. Lakshmy M S , Department of Zoology, St. Xavier's College, Vaikom, presented the project entitled 'Studies on the relative gut length and relative stomach length in some indigenous fishes', in the State level Zoology Online Project Presentation Competition, ZOOPP 2023, organised by the Department of Zoology, The Cochin College,, Cochin, on 4th August 2023. The project was guided by Dr. KJ Abraham, Assistant Professor, Department of Zoology, St. Xavier's College, Vaikom.

Dr. Vineeth Kumar T V
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha N R
Head, Department of Zoology



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. Ananya Baby, Department of Zoology, Sree Sankara College, Kalady, presented the project entitled 'A Study on the Homestead Arthropod Diversity at Chethicode Near Cochin International Airport, Ernakulam, Kerala', in the State level Zoology Online Project Presentation Competition, ZOOPP 2023, organised by the Department of Zoology, The Cochin College,, Cochin, on 4th August 2023. The project was guided by Dr. Minimol K, C , Assistant Professor, Department of Zoology, Sree Sankara College, Kalady.

Dr. Vineeth Kumar T V
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha N R
Head, Department of Zoology



ZOOPP 2023

ZOOLOGY ONLINE PROJECT PRESENTATION 2023



Certificate of Appreciation

This is to certify that Ms. Nandana S, Department of Zoology, NSS College Nilamel, presented the project entitled 'Growth response of isolated water and soil bacteria towards five selected agents', in the State level Zoology Online Project Presentation Competition, ZOOPP 2023, organised by the Department of Zoology, The Cochin College,, Cochin, on 4th August 2023. The project was guided by Dr. Devi R R, Assistant Professor, Department of Zoology, NSS College Nilamel.

Dr. Vineeth Kumar T V
Program Coordinator

Dr. M Geetha
Principal

Dr. Smitha N R
Head, Department of Zoology