

**SRI VENKATESWARA INTERNSHIP PROGRAM
FOR RESEARCH IN ACADEMICS
(SRI-VIPRA)**

PROJECT REPORT – 2021

**STUDY OF GENOMIC VARIANTS IN *Helicobacter Pylori* AND
ASSOCIATED CANCER SPECIFIC GENES USING GENOMIC
ANALYSIS TOOLS**

MENTORS:

Dr. P. Jayaraj Department of
Zoology Sri Venkateshwara
college University of Delhi

Dr. Namita Nayyar Department
of Zoology Sri Venkateshwara
college
University of Delhi

PRINCIPAL

**Dr. C. Sheela
Reddy Sri
Venkateswara
College University
of Delhi**

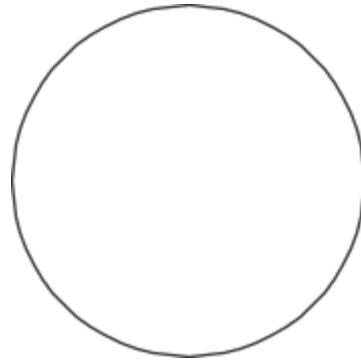


**Tirumala Tirupati Devasthanams
Sri Venkateswara College
University of Delhi (South)**

MENTORS

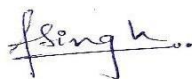


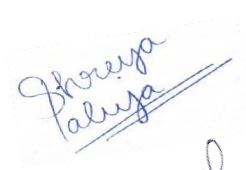
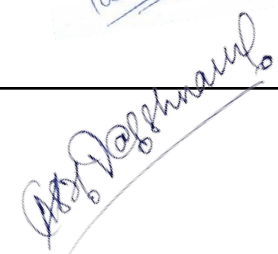
Dr. P. Jayaraj
Department of Zoology
Assistant professor
Sri Venkateshwara college
University of Delhi



Dr. Namita Nayyar
Department of
Zoology Assistant
professor
Sri Venkateshwara
college University of
Delhi

STUDENTS TEAM

S. No.	Name	Course	Roll Number	Photo	Signature
1.	Abhay Singh	B.Sc. Life Sciences	1119145		
2.	Ananta Tewari	B.Sc. Life Sciences	1119052		
3.	Aniruddh Jhanwar	B.Sc. Life Sciences	1119033		
4.	Anuvrinda Sharma	B.Sc. (Hons.) Zoology	2020043		
5.	Cheshte Varshney	B.Sc. (Hons.) Biological Science	1319010		
6.	Muskaan Sharma	B.Sc. (Hons.) Zoology	2020033		

7.	Preetika Sinha	B.Sc. (Hons.) Zoology	2020012		
8.	Priyansh Preet	B.Sc. Life Sciences	1119104		
9.	Roobal	B.Sc. Life Sciences	1119108		
10.	Shreya Taluja	B.Sc. (Hons.) Biochemistry	1220003		
11.	A N V Sri Vaishnavi	B.Sc. Life Sciences	1119169		

SRI VENKATESWARA INTERNSHIP PROGRAM

FOR RESEARCH IN ACADEMICS

(SRI-VIPRA)

Project Report - 2021

“In silico screening of phytocompounds for curing Dengue”



Sri Venkateswara College
University of Delhi
Dhaura Kuan
New Delhi - 110021

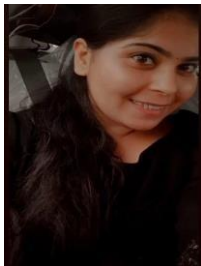
SRI-VIPRA PROJECT 2021

Project Code: SVP-2149

Title - In silico screening of phytocompounds for curing
Dengue.

Name of Mentor - Dr. Mansi Verma Department - Zoology Designation - Associate Professor	
Name of Mentor - Dr. Amit Vashishtha Department - Botany Designation - Assistant Professor	

List of students under the SRVIPRA Project

S. No.	Name	Course	Photo
1.	Aditi Singh	B.Sc. (H) Zoology (Semester 3)	
2.	Bhavya Birla	B.Sc. (H) Botany (Semester 3)	
3.	Chahat Dhawan	B.Sc. (P) Life Sciences (Semester 5)	
4.	Dravie Bansal	B.Sc. (H) Biological Science (Semester 5)	
5.	Inderpreet Singh	B.Sc. (P) Life Sciences (Semester 5)	

6.	Ishika Sharma	B.Sc. (H) Botany (Semester 5)	
7.	Rashi Raj	B.Sc. (P) Life Sciences (Semester 5)	
8.	Ritika Semwal	B.Sc. (H) Zoology (Semester 5)	
9.	Shubhangi Antil	B.Sc. (H) Biological Science (Semester 5)	

Signature of Coordinator
(SRI - VIPRA 2021)

Signature of Mentor
(Dr. Mansi Verma)

Signature of Mentor
(Dr. Amit Vashishtha)

**SRI VENKATESWARA INTERNSHIP PROGRAM
FOR RESEARCH IN ACADEMICS
(SRI-VIPRA)**

Project Report of 2021: SVP-2148

**“DNA isolation and analysis of sequencing data of
bacterial genomes using bioinformatics tools”**

&

**“A review on Mitigation Strategies for Bacterial Diseases
in Aquaculture”**



IQAC

**Sri Venkateswara College
University of Delhi
Dhaura Kuan
New Delhi -110021**

SRIVIPRA PROJECT 2021

Title : “DNA isolation and analysis of sequencing data of bacterial genomes using bioinformatics tools”

&

“A review on Mitigation Strategies for Bacterial Diseases in Aquaculture”

Name of Mentor: Dr. Himani Khurana Name of Department: Zoology Designation: Assistant Professor	
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List of students under the SRIVIPRA Project

S. No.	Name of the student	Course (Sem)	Photo
1	Srianshu Kumar Panda	B.Sc. (H) Zoology (II)	
2	Anushka Puri	B.Sc. (H) Zoology (II)	
3	Bibham Tiwari	B.Sc. (H) Zoology (II)	
4	Shyonika Chatterjee	B.Sc. Life Sciences (II)	 SHYONIKA CHATTERJEE 14.12.2019

5	Apeksha Singhal	B.Sc. Life Sciences (II)		
6	Rohan Raj	B.Sc. Life Sciences (II)		
7	Manasvi Rai	B.Sc. Life Sciences (II)		
8	Sanya Yadav	B.Sc. Life Sciences (II)		
9	Simran Singh	B.Sc. Life Sciences (IV)		
10	Aayushi Sharma	B.Sc. Life Sciences (IV)		
11	Tanya Bhatt	B.Sc. Life Sciences (VI)		
12	Muskan Goel	B.Sc. Life Sciences (VI)		



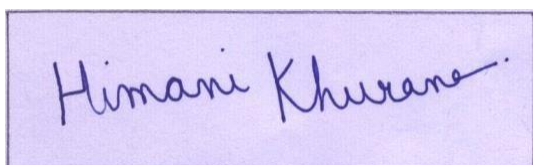
Nani Khurana

Signature of Mentor

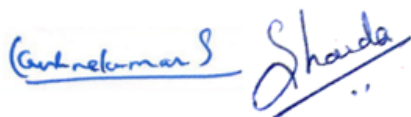


Certificate

This is to certify that the aforementioned students from Sri Venkateswara College have participated in the summer project SVP-2148 titled **“DNA isolation and analysis of sequencing data of bacterial genomes using bioinformatics tools” & “A review on Mitigation Strategies for Bacterial Diseases in Aquaculture.”** The participants have carried out the research project work under my guidance and supervision from 05 July 2021 to 20 August 2021. The work carried out is original and carried out in an online mode.



Signature of Mentor



Coordinators



Principal



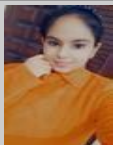


SRIVIPRA PROJECT 2021

Name of Mentor: Dr. Anita Verma Department of Zoology Designation: Associate Professor	
Name of Mentor: Dr. Rajendra Phartyal Department of Zoology Designation: Assistant Professor	

Title: Study of the Effect of Restrictions (lockdown and online classes, reduced mobility) due to Covid -19 on Preteen Children.

List of students under the SRIVIPRA Project

S. N	Name of the student	Course	Photo
1.	Mansi Singh	B.Sc. Prog. Life Sciences (Sem-VI 2018-21)	
2.	Kajal Gupta	B.Sc. Prog. Life Sciences (Sem-II 2020-23)	
3.	Sshrutika Rawat	B.Sc. Prog. Life Sciences (Sem-VI 2018-21)	
4.	Mansi Goyal	B.Sc. Prog. Life Sciences (Sem-II 2020-23)	
5.	Gaurav Dutta	B.Sc.(H) Zoology (Sem-II 2020-23)	
6.	Trisha Puri	B.Sc. Prog. Life Sciences (Sem-IV 2019-22)	

Deena

Rajendra

THE BASICS OF SCIENTIFIC WRITING –

STRUCTURE, CONTENT AND ORGANISATION

SRIVIPRA 2021

SUMMER INTERNSHIP REPORT

(SVC-2145)



Sri Venkateswara College

University of Delhi (South Campus)

Dhaura Kuan, New Delhi - 110021

Teachers (Mentors)

Sr. No	Name of the teacher	Department	Emil Id
1	Dr. Ajaib Singh	Zoology	ajaibmolbio@gmail.com
2	Dr. Om Prakash	Zoology	oprakash@svc.ac.in

Internship Students

S.No.	Name of the Student	Roll Number	Email	Contact number	Name of the Course
1	Himanshu	2019033	hemang.potlia@gmail.com	8901098317	B.Sc. (Hons.) Zoology Sem V
2	Sushma Kumari	1119123	dk089065@gmail.com	7982040594	B.Sc. (P) Life Science Sem V
3	Subiksha.S	1318009	sasubiksha@yahoo.co.in	9840891410	B.Sc. (Hons.) Biological Science Sem VI
4	Bismillah	1119111	strikeoffbypen@gmail.com	9650714769	B.Sc. Life Sciences Sem V
5	Madhav Gupta	2020016	guptamadhav681@gmail.com	7015606760	B.Sc. (Hons.) Zoology Sem III
6	Deepanshu	2020015	deepanshuaul821@gmail.com	9306820261	B.Sc. (Hons.) Zoology Sem III
7	Paripreet Kaur	1120032	amor4pari@gmail.com	9990013535	B.Sc.(P) Life Science Sem III
8	Vanija Raj Sinha	1120019	vanijaraj12@gmail.com	9798571230	B.Sc. Life Science Sem III
9	SameekshaPandiya	1318015	pandiyasameeksha@gmail.com	7651821107	B.Sc. (Hons.) Biological Science Sem VI
10	Karnika	1120121	Karnika2201@gmail.com	7983588253	B.Sc (P) Life Sciences Sem III

**SRI VENKATESWARA INTERNSHIP PROGRAM
FOR RESEARCH IN ACADEMICS
(SRI-VIPRA)**

Project Report of 2021: SVP-2150

**“Reality of COVID-19: Vaccination, Mortality and Post
COVID Complications”**



IQAC

**Sri Venkateswara College
University of Delhi
Dhaura Kuan
New Delhi-110021**

Name of Mentor: Dr. Aarti Seherawat
Name of Department: Zoology
Designation: Assistant Professor



SRI VIPRA PROJECT 2021

Title : Reality of COVID-19: Vaccination, Mortality and Post COVID Complications

List of students under the SRIVIPRA Project

S.No	Name of the student	Course	Photo
1	Prabha Rana	B.Sc Life Sciences	
2	Abhishek Tanwar	B.Sc Zoology (H)	
3	Shubhi Agrawal	B.Sc Zoology (H)	

4	Kanika	B.Sc Zoology (H)	
5	Saloni Verma	B.Sc Zoology (H)	
6	Tanya Johri	B.Sc Sciences Life	
7	Himanshi Arora	B.Sc Sciences Life	
8	Srishti Vyas	B.Sc Sciences Life	