

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


Project Report - 2020

**“*In Silico* Characterization and Virtual Cloning of
Mycobacterium tuberculosis Response Regulators and
Ser/Thr Protein Kinases”**







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

SRI-VIPRA PROJECT 2020

Name of Mentor: Dr. Vandana Malhotra Name of Department: Biochemistry Designation: Assistant Professor	
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Title: *In Silico* Characterization and Virtual Cloning of *Mycobacterium tuberculosis* Response Regulators and Ser/Thr Protein Kinases

List of students under the SRI-VIPRA Project

S.No	Name of the student	Course	Photo
1	Satyakam Sharma	B.Sc. (H) Biochemistry	
2	Kriti Gupta	B.Sc. (H) Biochemistry	
3	Yashmita Choudhary	B.Sc. (H) Biological Sciences	
4	Sushumna Satyanarayana	B.Sc. (H) Biochemistry	

Signature of Coordinator
SRIVIPRA 2020



Signature of Mentor

**SRI VENKATESWARA INTERNSHIP PROGRAM
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(SRI-VIPRA)**

Project Report-2020


*Computational screening of the selected ligands against
Dengue Virus (DENV) non structural proteins as drug targets*






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






SRIVIPRA PROJECT 2020

Title: Computational screening of the selected ligands against Dengue Virus (DENV) non structural proteins as drug targets

<p>Name of Mentor : Dr. Nimisha Sinha Name of Department : Biochemistry Designation : Assistant Professor</p>	
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List of students under the SRIVIPRA Project:

S.No	Name of the students	Course	Photo
1.	Subhro Basu	B.Sc (H) Biochemistry Semester V	
2.	Sharanya Satyanarayana	B.Sc (H) Biochemistry Semester V	
3.	Sukriti Aggarwal	B.Sc (H) Biochemistry Semester V	

4.	Hrithik Kumar Semester V	B.Sc (H) Biochemistry	
5.	Khushboo Arora Semester V	B.Sc (H) Biochemistry	
6.	Vidushi Sharma Semester V	B.Sc (H) Biochemistry	
7.	Nandika Sahani Semester III	B.Sc (H) Biochemistry	
8.	Atharv Kapoor Semester III	B.Sc (H) Biological Sciences	

**Signature of Coordinator
SRI-VIPRA 2020**

Nimish
Signature of Mentor

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

Project Report -2020

**“Study of regulatory mechanisms in glioma stem cells”
(an integrated Omics approach)**



**Sri Venkateswara College
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New Delhi -110021**

**SRI VENKATESWARA INTERNSHIP PROGRAM
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Project Report -2020


**“Study of regulatory mechanisms in glioma stem cells”
(an integrated Omics approach)**







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







SRI-VIPRA PROJECT 2020

Title: Study of regulatory mechanisms in glioma stem cells (an integrated Omics approach)

<p>Name of Mentor: Dr.Ravindra Varma Polisetty Name of Department: Biochemistry Designation: Assistant Professor</p>	
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List of students under the SRIVIPRA Project

S.No	Name of the student	Course	Photo
1	Aakriti Singh	B.Sc (H) Biological Sciences	
2	Akanksha T.	B.Sc (H) Biochemistry	
3	Ambika Singh	B.Sc (H) Biological Sciences	
4	Anchal Kaler	BSc (H) Biological Sciences	

5	Anshu Kumari	B.Sc (H) Biological Sciences	
6	Ashvarya Shankar	B.Sc Life Sciences	
7	Cheshte Varshney	B.Sc (H) Biological Sciences	
8	Kartika Goyal	B.Sc (H) Chemistry	
9	Garima	B.Sc (H) Biochemistry	
10	Sohini Saha	B.Sc (H) Biological Sciences	

P. Ravindra Varma

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Signature of Mentor

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SRI VENKATESWARA COLLEGE
UNIVERSITY OF DELHI

Bioinformatics in Cardiovascular Disorders

SRIVIPRA PROJECT 2020

PROJECT REPORT

MENTOR: DR.N.LATHA

BIOINFORMATICS CENTRE, SVCOLLEGE

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

Project Report -2020

*“Applications of Bioinformatics in Cardiovascular Disorders
for Novel Therapeutics Design”*




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





<p><i>Name of Mentor</i> Dr Latha Narayanan <i>Name of Department:</i> Department of Biochemistry, Sri Venkateswara College <i>Designation:</i> Associate Professor</p>	
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SRI-VIPRA PROJECT 2020

Title: Applications of Bioinformatics in Cardiovascular Disorders for Novel Therapeutics Design

List of students under the SRIVIPRA Project

S.No	Name of the student	Course	Photo
1	Arijeet Karmakar	Bsc.(H) Biochemistry	

2	Eshita Jain	Bsc.(H) Biological Sciences	
3	Lavanya Gupta	Bsc.(H) Biochemistry	
4	Rahul Kumar	Bsc.(H) Biochemistry	
5	Rhythm Bharti	Bsc.(H) Biochemistry	

6	Vanshika Bidhan	Bsc.(H) Biochemistry	
7	Ananya Kaushik	Bsc.(H) Biological Sciences	
8	Namya Sethi	Bsc.(H) Biochemistry	

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N. Latta

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**SRI VENKATESWARA INTERNSHIP PROGRAM
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Project Report -2020

**“Deriving a metabolic index to
evaluate the metabolic status of an
individual”**



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

**SRI VENKATESWARA INTERNSHIP PROGRAM
FOR RESEARCH IN ACADEMICS (SRI-VIPRA)**
Project Report -2020

**“Deriving a metabolic index to
evaluate the metabolic status of an
individual”**

**Name of Mentor: Dr. Nandita
Narayanasamy**

**Name of Department:
BIOCHEMISTRY**





Designation: Associate Professor








SRIVIPRA PROJECT 2020

Title: Deriving a metabolic index to evaluate the metabolic status of an individual

List of students under the SRIVIPRA Project

S.No	Name of the student	Course	Photo
1	Divyanshi Verma	BSc.(H)Biochemistry	
2	Kajal Kamboj	BSc.(H)Biochemistry	
3	Kousheen Brar	BSc.(H)Biochemistry	
4	Saruby Sharma	BSc.(H)Biochemistry	

5	Shriya Mehta	BSc.(H)Biochemistry	
6	Aastha Dorata	BSc.(H) Biological Sciences	
7	Suman Saini	BSc.(H) Biological Sciences	
8	Priyanshi Trigunayat	BSc. (H) Statistics	
9	Yogita Yadav	BSc. (H) Statistics	

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Nanditaki
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**SRI VENKATESWARA INTERNSHIP PROGRAM
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(SRI-VIPRA)**

Project Report -2020

**“Graduate Teaching During Covid-19
Induced Lockdown”**







**Sri Venkateswara College
University of Delhi
DhauLaKuan
New Delhi -110021**




<p>Name of Mentor: Dr.AnjuKaicker Name of Department:Biochemistry Designation: Associate Professor</p>	<div data-bbox="842 517 1082 837" data-label="Image"> </div> <p data-bbox="753 801 842 837">Photo</p>
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List of students under the SRIVIPRA Project

S.No	Name of the student	Course	Photo
1	AbhigyanBhasin	B.Com (Hons.)	<div data-bbox="863 1451 1106 1771" data-label="Image"> </div>

2	AnchalKansal	B.Com (Hons.)	
3	Asmita Gahlout	BSc. Biochemistry (Hons.)	
4	Ayesha Mirza	BSc. Biochemistry (Hons.)	
5	JahnviLakhanpal	B.Com Programme	

6	Narayan Sharma	B.Com (Hons.)	
7	Pranav Mathur	BA History (Hons.)	
8	Jrvika Kapoor	BA Political Science (Hons.)	

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

SRIVIPRA PROJECT 2020

List of students under the SRIVIPRA Project

S.No	Name of the student	Course	Roll no.	Topic
1	Aayushree Shekher	B.Sc. (H) Biochemistry	1219006	Phobia and Anxiety: Correlated with lifestyle
2	Ayushi Sharma	B.Sc. (H) Biological Sciences	1319025	Diet, Lifestyle and Obesity: with focus on Endocrinal Causes
3	Dravie Bansal	B.Sc. (H) Biological Sciences	1319012	Hereditary Diseases- Genetic and Environmental Aspects
4	Kangna Verma	B.Sc. (H) Biochemistry	1219042	Impact of Covid-19 Pandemic on Obsessive Compulsive Disorder
5	Tarun Saini	B.Sc. (H) Biochemistry	1219039	Impact of lockdown due to pandemic on sleeping habits and its quality
6	Vishnu Narayanan Verma	B.Sc. (H) Biological Sciences	1319017	Lifestyle correlation with mental health – depression: A case study

**SRI VENKATESWARA INTERNSHIP PROGRAM
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Project Report -2020


“PHOBIA AND ANXIETY: CORRELATED WITH LIFESTYLE”




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


SRIVIPRA PROJECT 2020

Title: "PHOBIA AND ANXIETY: CORRELATED WITH LIFESTYLE"

<p>Name of Mentor: Dr.Kameshwar Sharma Yadavilli</p> <p>Name of Department: Department of Biochemistry.</p> <p>Designation: Head of Department, Biochemistry.</p>	
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S.No	Name of the student	Course	Photo
1	Aayushree Shekher	B.SC.(H)Biochemistry	

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SRIVIPRA 2020



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