



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



**Project
of 2023:**

SRI-VIPRA

Report


SVP-2328

A study of applications of maleate and fumarate ions


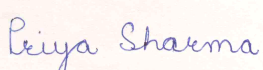
**IQAC
Sri Venkateswara College
University of Delhi
Benito Juarez Road, Dhaula Kuan, New Delhi
New Delhi -110021**

SRIVIPRA PROJECT 2023

Title : A study of applications of maleate and fumarate ions.

Name of Mentor: Dr. Pragya Gahlot Name of Department: Chemistry Designation: Assistant Professor	
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List of students under the SRIVIPRA Project

S.No	Photo	Name of the student	Roll number	Course	Signature
1		Priya Sharma	1521030	B. Sc. (H) Chemistry	



Signature of Mentor

Certificate of Originality

This is to certify that the aforementioned students from Sri Venkateswara College have participated in the summer project SVP-2328 titled “A study of applications of maleate and fumarate ions”.The participants have carried out the research project work under my guidance and supervision from 15 June, 2023 to 15th September 2023. The work carried out is original and carried out in an online/offline/hybrid mode.



Signature of Mentor

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1 Title

A study of applications of maleate and fumarate ions

2. Objectives

- The objective of this project is to develop research aptitude in the student.
- Enhancing research capabilities of the student
- imparting necessary IT skills for research proposes
- Developing interest in this specific research field to help in choosing the appropriate field in the early phase of their professional career

3. Methodology

1. Use of IT tools
2. Discussions
3. Literature survey

4. Report writing
5. Review writing

4. Learning outcomes

The following tools were successfully used to write a review about the applications of the maleate and formate ion system.

→ **Reference Management Tools**

◆ Mendeley, Endnote

→ **Academic Writing Tools**

→ **Text Management Tools**

◆ Word, PDF

→ **Academic Search Engines**

◆ Google Scholar, Scopus

→ **Journal Selection Tools**

◆ Global Journal Database

→ **Data management tools**

◆ Excel, Access

→ **Chemical structure drawing tools**

◆ Chems sketch, Chemdraw

5. Future prospects

The student will be trained in more chemistry based software for the next phase of the maleate system consisting of studying the molecular modeling and computational chemistry methods.