

# HANDS ON LEARNING

## Dept of Botany conducting hands on learning



### Carbohydrate estimation

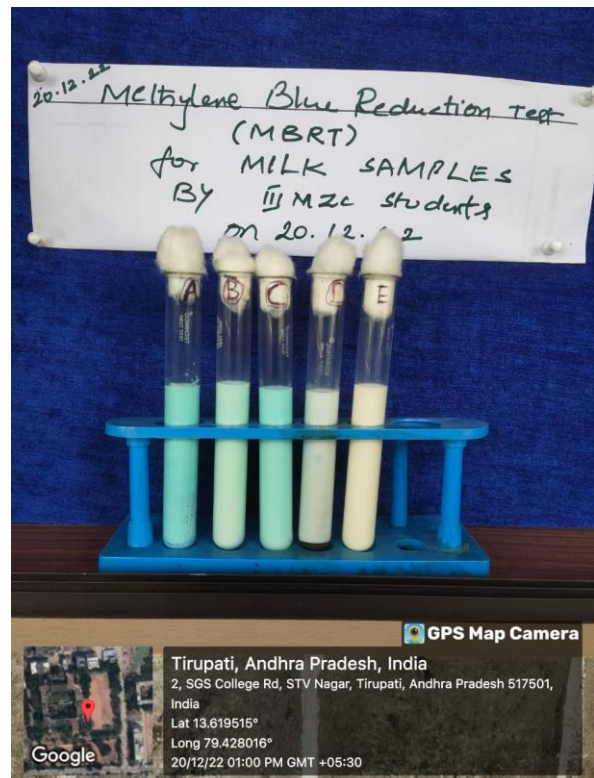


### Pigment separation from *Tecoma stans* leaves



Section observation under microscope.      Dicot leaf section cutting

## Dept of Microbiology conducting Practicals



Demonstration of Elisa test



## Dept of Biotechnology conducting Practicals





**Tirumala Tirupati Devasthanams**  
**S.G.S Arts College, T.T.D, Tirupati**

(Accredited with 'A+' by NAAC)  
(Affiliated to Sri Venkateswara University, Tirupati)  
ISO Certified Institution  
Tiruchanoor Road, Tirupati – 517501



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**DEPARTMENT OF MICROBIOLOGY**  
**S.G.S ARTS COLLEGE, TIRUPATI TTD.**  
**DEPARTMENTAL ACTIVITY 2023-24.**  
**BLOOD GROUPING.**

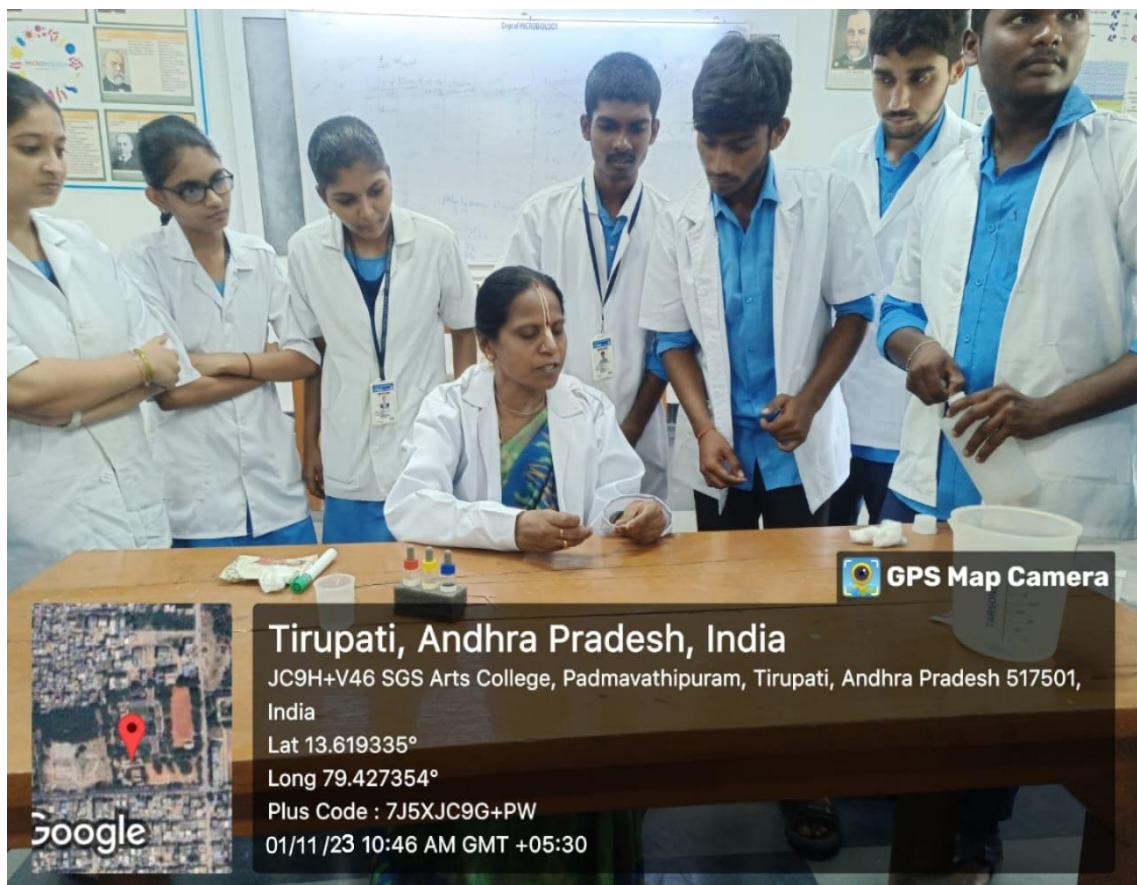
## **INTRODUCTION**

The plasma membrane of a mature red blood cell has glycol-proteins and glycol-lipids that determine a person's blood type. Blood types A, B, AB, and O form the ABO blood group. ABO blood type is determined by the hereditary presence or absence of antigens A and B on Red Blood Cells. Blood types and transfusion compatibility are a matter of interactions between plasma proteins and erythrocytes. In the year 2023 – 2024 our college Sri Govindaraja Swamy Arts College students of Dept. of Microbiology have been undertaking the Blood Testing activity under the supervision of Dr. K. Sridevi (Lecturer in Microbiology) at college itself. The main purpose of conducting this experiment is to understand the basic concept of the ABO blood group system and to know our blood group and type.

### List of students and their blood group

S. No	HALLTICKET NUMBER	NAMES OF THE STUDENTS	MAIL ID	BLOOD GROUP
1	323008151	bukke prudvi naik	prudhvinaik1626@gmail.com	B+
2	323008152	chalamala ramprasad	ramarchana143143@gmail.com	O-
3	323008153	chukka bharath simha	simhabharath952@gmail.com	B +
4	323008154	darla mad han	darlamadhank@gmail.com	B+
5	323008156	gopasandhra vidyasagar	gvidyasagar74@gmail.com	A +
6	323008157	gorla sivatheja	gorlasivateja@gmail.com	A+
7	323008158	gudi dileep kumar	dillepgudi@gmail.com	O+
8	323008159	gudi ganesh	ganeshterabaab@gmail.com	B+
9	323008160	kalakada ishak ali	ishakali5222@gmail.com	AB+
10	323008162	mudapothula sai ram	sairammodapothula@gmail.com	B-
11	323008163	mude shasidhar naik	mudesasi16@gmail.com	B+
12	323008166	panyam susroniya	sronyapanyam30@gmail.com	B +
13	323008167	parri purushotham	imsunnyx17@gmail.com	B+
14	323008169	ramavath vishnuvardhan naik	vishnuvardhannaik610@gmail.com	B+
15	323008171	shaik asif	asifshik33@gmail.com	O+
16	323008173	thimmineni ganesh	gg3697801@gamil.com	AB+
17	323008174	v.navyasree	sunithav548@gmail.com	O+
18	323008175	yeturivarshitha	yeturivarshitha10@gmail.com	O+

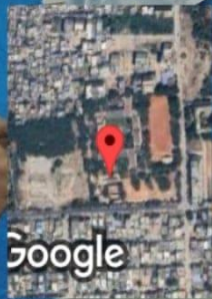
## Photo evidence







GPS Map Camera



Google

**Tirupati, Andhra Pradesh, India**

JC9H+V46 SGS Arts College, Padmavathipuram, Tirupati, Andhra Pradesh 517501, India

Lat 13.61933°

Long 79.42736°

Plus Code : 7J5XJC9G+PW

01/11/23 10:46 AM GMT +05:30

DEPARTMENT OF MICROBIOLOGY  
S.G.S ARTS COLLEGE, TTD  
BSC, MZC 2ND YEAR

DATE

S.no	Hall Ticket Number	Name Of The Student	Signature
1	323008151	B.Prudvi Naik	B. Prudhvi Naik
2	323008152	C.Ramprasad	C. Ramprasad
3	323008153	C.Bharath Simha	C. Bharath Simha
4	323008154	D.Madhan	D. Madhan
5	323008156	G.Vidyasagar	G. Vidyasagar
6	323008157	G.Sivateja	G. Sivateja
7	323008158	G.Dileep kumar	G. Dileep kumar
8	323008159	G.Ganesh	G. Ganesh
9	323008160	K.ISAHAG ALI	K. Isahag Ali
10	323008162	M.Sairam	M. Sairam
11	323008163	M.Sasidhar Naik	M. Sasidhar Naik
12	323008166	P.Susranya	P. Susranya
13	323008167	P.Purushotham	P. Purushotham
14	323008169	R.Vishnu Vardhan Naik	R. Vishnu Vardhan Naik
15	323008171	S.k asif	S.K. Asif
16	323008173	T.Ganesh	T. Ganesh
17	323008174	V.Navya sree	V. Navya Sree
18	323008175	Y.Varshitha	Y. Varshitha