

## II Representative Programs for Advanced Learners



**“OM NAMO VENKATESAYA”**  
**TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI**  
**S.G.S. ARTSCOLLEGE, TIRUPATI**  
**ACCREDITED BY NAAC WITH A+ GRADE**  
**(FOUNDED IN 1969)**



**Phone: (0877) 2264599**

**E-mail:sgsartscollegeitd@gmail.comWeb:sgsac.edu.in**

Students with varied degree of learning capabilities and diversified back ground get admission in the college. Therefore the level of challenge faced by them is also different. The college is empathetic to this aspect and takes maximum steps to optimize the learning outcomes of the students. In this direction the college has undertaken a proactive step of identifying slow learners and advanced learners.

Students who scored 40% or <40% marks in the university examinations are categorized as slow learners and those scored >70% are advanced learners.

### **B.Sc: Batch-2022-2023**

#### **Department of chemistry**

A sample copy of advanced learners belonging to chemistry department is presented here. Complete details are available in college portal.

Programme Code	Semester V
MPC - E.M	3
BBC-E.M	10
MZC-E.M	5
CBZ-E M	3
Total	21

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**

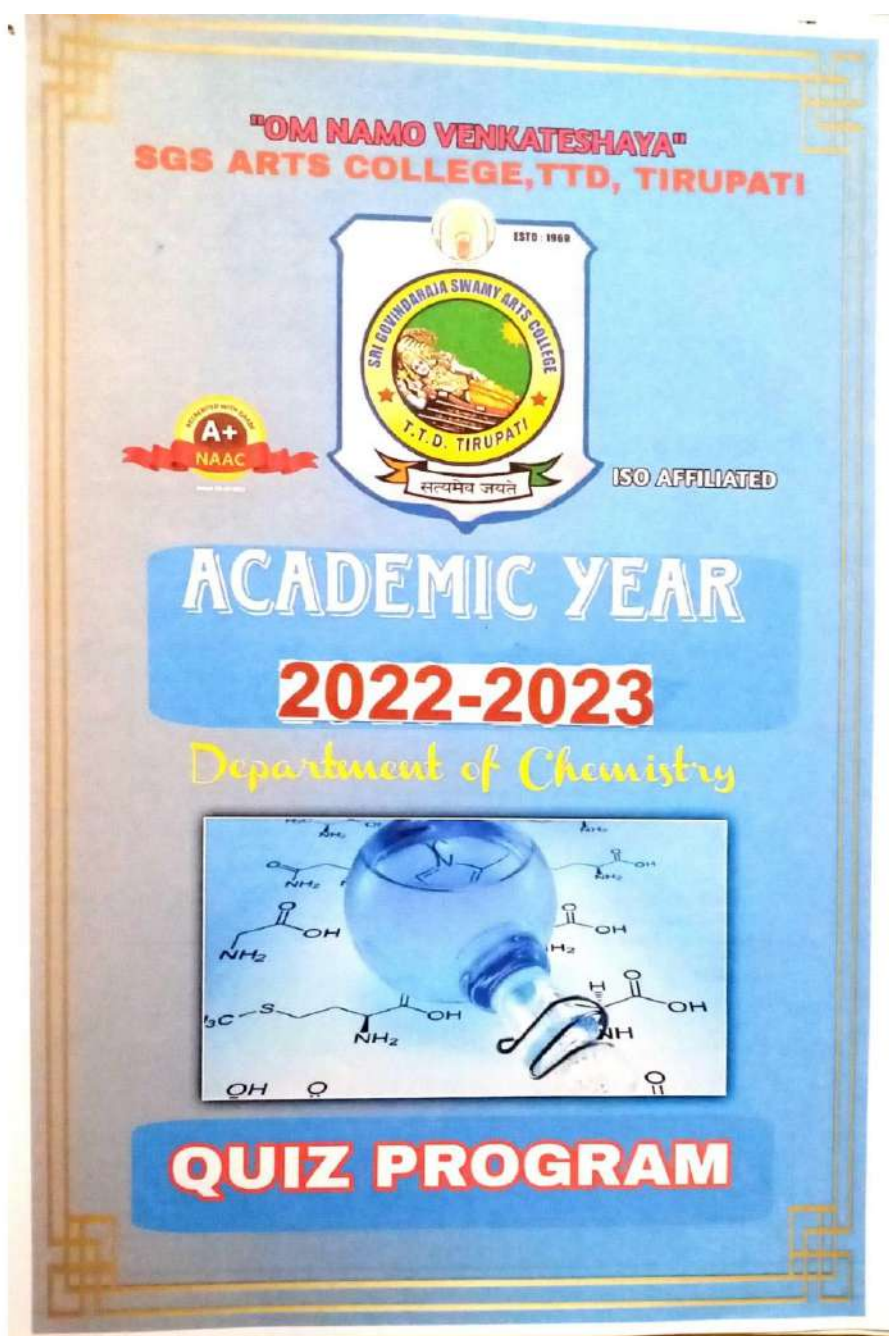
**DEPARTMENT OF MICROBIOLOGY**

**BATCH-2022-2023**

Programme Code	Semester V
MZC	7

## Quiz competition

In order to boost self-esteem and confidence in the students the college organized quiz competitions. They encourage students' self-awareness of progress and self-assessment. This can help the students to identify the areas they need to develop. A sample copy is presented here.



From  
The HOD of CHEMISTRY  
S.G.S.Arts College,  
Tirupati.

Tirupati,  
Date: 06-03-2023

To  
The Principal,  
S.G.S.Arts College,  
Tirupati.

Respected Sir,

Sub: - Permission for Conducting QUIZ PROGRAM- Request - Regarding.  
\*\*\*\*\*

We are conducting QUIZ PROGRAM for III YEAR STUDENTS in  
their respective class hours. Hence, I Request you to grant me permission on 09-03-2023 in  
their respective class hours.

Thanking you Sir.

Yours Faithfully,

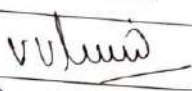
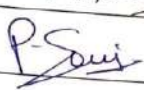

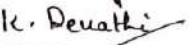
HOD

Copy to:  
The Students.

  
HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI



**DEPARTMENT OF CHEMISTRY  
COMMITTEE FOR STUDENT - QUIZ PROGRAM  
ACADEMIC YEAR - 2022-2023**

S.NO.	NAME OF THE COMMITTEE MEMBERS	SIGNATURE
1	Dr.V.VENKATA LAKSHMI	
2	Smt.P SRUJANA	
3	Dr.P.SUGUNA	
4	Smt.K.REVATHI	

**HOD**



**HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI**

**S.G.S ARTS COLLEGE: TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**

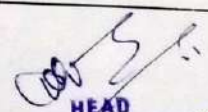
Name of the event conducted: Quiz Program

Sl No.	Roll No.	CLASS	NAME OF THE STUDENT	SIGNATURE
<b>Group-A</b>				
1.	321414	BBC	K. snikala	K. snikala
2.	321380	CB2	M. Vashu	M. Vashu
3.	321381	CB2	Y. Prameela	Y. Prameela
4.	321490	M2C	T. Nivedha	T. Nivedha
5.	321484	M2C	R. Vasavi	R. Vasavi
<b>Group-B</b>				
6.	321361	CB2	K. Hemakumari	K. Hemakumari
7.	321376	CB2	S. Ahmad Ali	S. Ahmad Ali
8.	321412	BBC	J. Sugumalai	J. Sugumalai
9.	321482	M2C	P. Mahesh	P. Mahesh
10.	321359	CB2	G. Manohar Babu	G. Manohar Babu
11.	321043	MPC	Y. Manoj Kumar	Y. Manoj Kumar
12.	321041	MPC	T. Deva	T. Deva
13.	321465	M2C	K. Chiranjeevi	K. Chiranjeevi
14.	321407	BBC	M. Devendra Naik	M. Devendra Naik
15.	321403	BBC	B. Reethy prasanth	B. Prasanth
<b>Group-C</b>				
16.	321373	CB2	M. Vasudeva Reddy	M. Vasudeva Reddy
17.	321474	M2C	M. Nithish Kaushik	M. Nithish Kaushik
18.	321013	MPC	D. Dattu	D. Dattu
19.	321402	BBC	B. Sunil Naik	B. Sunil Naik
20.	321429	BBC	V. Vinay Kumar	V. Vinay Kumar
21.	321363	CB2	K. Raju	K. Raju

**S.G.S ARTS COLLEGE: TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**

Name of the event conducted: Quiz PROGRAM

Sl No.	Roll No.	CLASS	NAME OF THE STUDENT	SIGNATURE
22.	321039	MPC	S. Rakesh	S. Rakesh
23.	321035	MPC	P. mahendran	P. mahendran
24.	321352	CB2	B. Jagadeesh Naik	B. Jagadeesh Naik
25.	321008	MPC	B. Harumanthu	B. Harumanthu
<b>Group-D</b>				
26.	321024	MPC	L. Janardhan	L. Janardhan
27.	321358	CB2	G. Kauthik	G. Kauthik
28.	321013	MPC	D. Dattu	D. Dattu
29.	321426	BBC	M. Jeevan	M. Jeevan
30.	321476	M2C	N. Vishnuvardhan	N. Vishnuvardhan
31.	321479	M2C	P. Abhishek Babu	P. Abhishek Babu
32.	321028	MPC	M. Sarinath	M. Sarinath
33.	321486	M2C	S. Sathesh	S. Sathesh
34.	321415	BBC	L. Jaya prakash	L. Jaya prakash
35.	321355	CB2	E. Rakesh	E. Rakesh
36.	321471	M2C	M. pavan kalyan	M. Pavan Kalyan
37.	321007	MPC	B. Vishnu	B. Vishnu
38.	321404	BBC	B. prasad	B. prasad
39.	321369	CB2	K. Vinod Kumar	K. Vinod Kumar
40.	321005	MPC	A. Sanjay	A. Sanjay

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**





Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE**

(ఆంధ్రప్రదేశ్ ప్రభుత్వం వారి వారి)  
AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI  
ISO CERTIFIED INSTITUTION



1. In Thin layer chromatography, the stationary phase is made of \_\_\_\_\_ and the mobile phase is made of \_\_\_\_\_

- a) Solid, liquid
- b) Liquid, liquid
- c) Liquid, gas
- d) Solid, gas

Answer: Solid, liquid.

2. Chromatography is a physical method that is used to separate and analyse \_\_\_\_\_

- a) Simple mixtures
- b) Complex mixtures
- c) Viscous mixtures
- d) Metals

Answer: Complex mixtures.

3. In Gas-liquid phase chromatography, the stationary phase is composed of \_\_\_\_\_ and the mobile phase is made of \_\_\_\_\_

- a) Solid, liquid
- b) Liquid, liquid
- c) Liquid, gas
- d) Solid, gas

Answer: Liquid, gas.

4. In Column chromatography, the stationary phase is made of \_\_\_\_\_ and the mobile phase is made of \_\_\_\_\_

- a) Solid, liquid
- b) Liquid, liquid
- c) Liquid, gas
- d) Solid, gas

Answer: Solid, liquid.

5. In chromatography, the stationary phase can be \_\_\_\_\_ supported on a solid.

- a) Solid or liquid
- b) Liquid or gas
- c) Solid only
- d) Liquid only

Answer: Solid or liquid.

6. Base line resolution is achieved when degree of resolution/separation is \_\_\_\_\_

- a) 1
- b) 0
- c) 0.5
- d) 1.5

Answer: 1.5.

16. In chromatography, which of the following can the mobile phase be made of?

7. The time taken by the analyte after sample injection to reach the detector is called \_\_\_\_\_

- a) Dead time
- b) Solute migration rate
- c) Adjusted retention time
- d) Retention time

Answer: Retention time.

8. The time required for a molecule of the mobile phase to pass through the column is called \_\_\_\_\_

- a) Dead time
- b) Solute migration rate
- c) Adjusted retention time
- d) Retention time

Answer: Dead time.

9. Adjusted retention time is the remaining retention time after subtracting \_\_\_\_\_ from \_\_\_\_\_

- a) Solute migration rate and retention time
- b) Retention time and solute migration rate
- c) Dead time and retention time
- d) Retention time and dead time

Answer: Dead time and retention time.

10. Using Chromatogram as detector in Chromatography, a graph is obtained between \_\_\_\_\_ and time.

- a) Quantity
- b) Density
- c) Concentration
- d) Specific gravity

Answer: Concentration.

11. Adjusted retention volume is the remaining retention volume after subtracting \_\_\_\_\_ from \_\_\_\_\_

- a) Solute migration rate and retention volume
- b) Retention volume and solute migration rate
- c) Dead volume and retention volume
- d) Retention volume and dead volume

Answer: Dead volume and retention volume.

12. In Automatic amino-acid analyzer, the sample containing \_\_\_\_\_ of each amino compound is introduced at the top of the ion exchange column.

- a) 1 to 10  $\mu$ moles
- b) 1 to 10 moles
- c) 0.05 to 2 moles
- d) 0.05 to 2  $\mu$ moles

Answer: 0.05 to 2  $\mu$ moles.



13. Which of the following is not true about the radial compression column when compared to standard separation column?

- a) Internal diameter decreases
- b) Overall operating pressure decreases
- c) Analysis time decreases
- d) Solvent flow increases

Answer: Internal diameter decreases.

14. Which of the following is not true about narrow bore column when compared to standard columns?

- a) Internal diameter decreases
- b) Volumetric flow decreases
- c) Solvent cost is saved
- d) Detector response time increases

Answer: Detector response time increases.

15. Which of the following types of liquid chromatography uses immobilized biochemical as a stationary phase?

- a) Ion exchange chromatography
- b) Exclusion chromatography
- c) Affinity chromatography
- d) Gel permeation chromatography

Answer: Affinity chromatography.

16. In chromatography, which of the following can the mobile phase be made of?

- a) Solid or liquid
- b) Liquid or gas
- c) Gas only
- d) Liquid only

Answer: Liquid or gas.

17. Which of the following cannot be used as an adsorbent in Column adsorption chromatography?

- a) Magnesium oxide
- b) Silica gel
- c) Activated alumina
- d) Potassium permanganate

Answer: Potassium permanganate.

18. Which of the following types of chromatography involves the separation of substances in a mixture over a 0.2mm thick layer of an adsorbent?

- a) Gas liquid
- b) Column
- c) Thin layer
- d) Paper

Answer: Thin layer.

19. In which type of chromatography, the stationary phase held in a narrow tube and the mobile phase is forced through it under pressure?

- a) Column chromatography
- b) Planar chromatography
- c) Liquid chromatography
- d) Gas chromatography

Answer: Column chromatography.

20. Which of the following is the disadvantage of reciprocating pump used in liquid chromatography?

- a) Produces pulsed flow
- b) Corrosive components
- c) Does not have small hold-up value
- d) Does not have moderate flow rate

Answer: Produces pulsed flow

21. Which of the following is not a disadvantage of Pneumatic pumps used in liquid chromatography?

- a) Pulsed output
- b) Dependent on solvent viscosity
- c) Dependent on back pressure
- d) Inconvenient for solvent gradient elution

Answer: Pulsed output.



22. Which of the following are the practical problems that arise due to the decrease in column diameter?

- a) Requirement of large particle size and high pressure drop
- b) Requirement of large particle size and low pressure drop
- c) Requirement of small particle size and high pressure drop
- d) Requirement of small particle size and low pressure drop

Answer: Requirement of small particle size and high pressure drop.

23. Which of the following is not true about the guard column used in liquid chromatography?

- a) It filters particles that clog the separation column
- b) It extends the lifetime of separation column
- c) It allows particles that cause precipitation upon contact with stationary or mobile phase
- d) The size of packing varies with the type of protection needed

Answer: It allows particles that cause precipitation upon contact with stationary or mobile phase.

24. Which of the following columns are not used in liquid or high performance liquid chromatography?

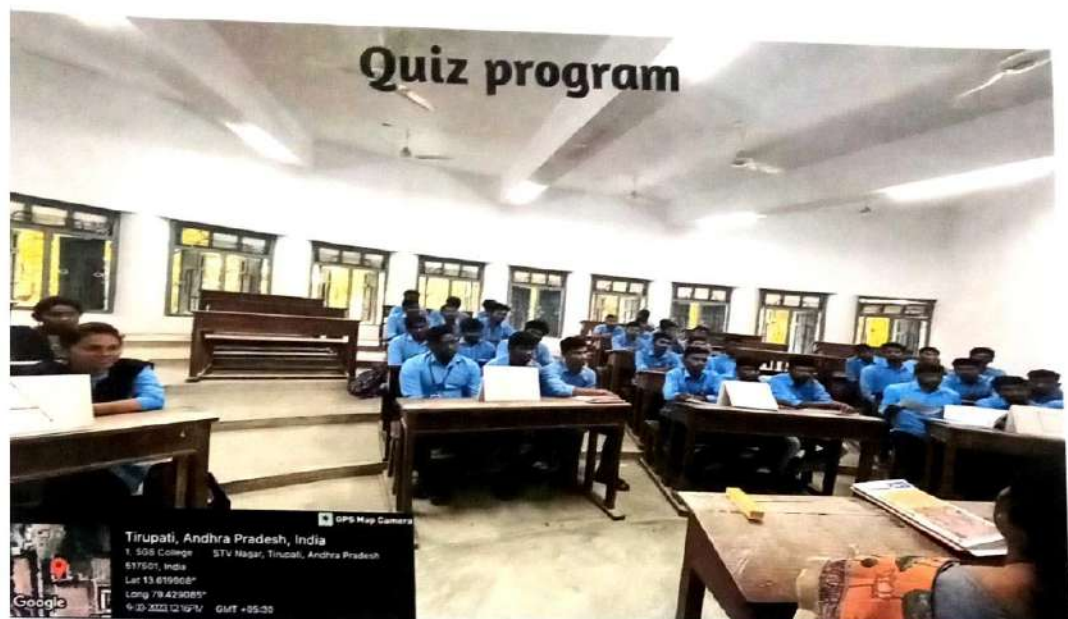
- a) Analytical column
- b) Separation column
- c) Guard column
- d) Capillary column

Answer: Capillary column.

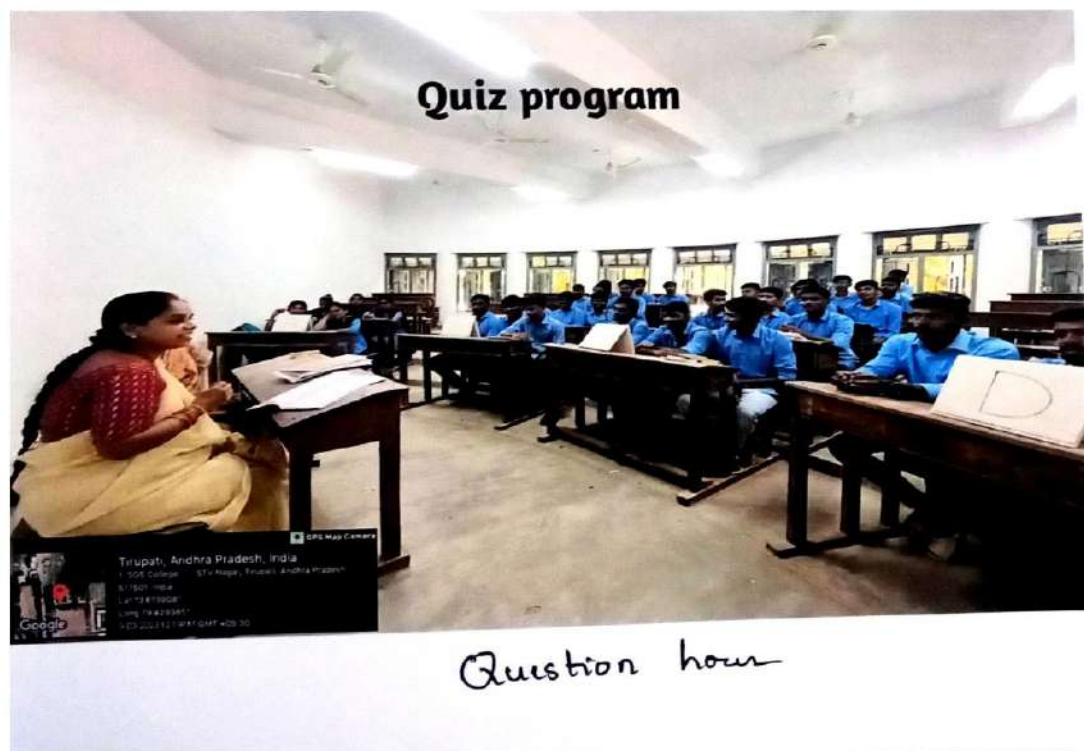
25. In which of the following type of paper, chromatography does the mobile phase move horizontally over a circular sheet of paper?

- a) Ascending paper chromatography
- b) Descending paper chromatography
- c) Radial paper chromatography
- d) Ascending – descending chromatography

Answer: Radial paper chromatography.



Participants : III BBC, MZC, MPC & CBZ Students



Question hour





**QUESTION HOUR**





Response by K. Srikala (BBC)  
 Group (A)



Response by D. Dattu (MPC)  
 Group (D)

**QUIZ PROGRAM (Date:09-03-2023)**

Chemistry Department Conducted QUIZ PROGRAM in room no:232  
With students on topic ANALYTICAL METHODS IN CHEMISTRY .

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**

**EVENT ORGANISED REPORT: (2022-2023)**

1	Name of the Department	CHEMISTRY
2	Name of Event Organized	Quiz program
3	Title of Event Organized	ANALYTICAL METHODS IN CHEMISTRY
4	Name of Coordinator of Event	Dr. V. VENKATA LAKSHMI
5	Class of the Participants	III YEAR BBC,MZC,CBZ & MPC
6	No. of Participants	45
7	OBJECTIVES	<ul style="list-style-type: none"><li>• TO UNDERSTAND THE DIFFERENT PRINCIPLES INVOLVED IN QUALITATIVE,QUANTITATIVE,&amp;GRAVIMETRIC ANALYSIS.</li><li>• TO KNOW THE PRINCIPLE AND PROCEDURE OF SEPARATION TECHNIQUES LIKE SOLVENT EXTRACTION &amp;CHROMATOGRAPHY.</li></ul>
8	OUTCOMES	<ul style="list-style-type: none"><li>• STUDENTS ARE INDULGED IN REFERRING VAROUS BOOKS TO ACQUIRE COMPLETE AWARENESS ON TOPIC.</li><li>• ENLIGHTENS COMPETITIVE SPIRIT AMONG STUDENTS.</li><li>• IMPROVES FRIENDLY RAPPORT AMONG STUDENTS.</li></ul>

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
TIRUPATI

Department of Botany

Tirupati

Date:10-02-2023.

From

THE HOD OF BOTANY

SGS Arts college

Tirupati

To

The Principle

SGS Arts college

Tirupati

Respected Sir

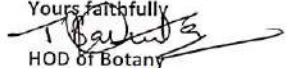
**Sub:-** Permission for conducting Quiz programme-Request-Regarding.

-:oo0oo:-

We are conducting Quiz programme for II Year students of B.Sc. (BBC,CBZ) in Room No.111. So, kindly grant us permission on 14-02-2023.

Thanking you Sir

Yours faithfully

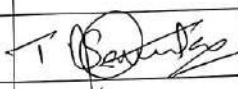
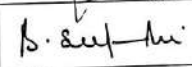

  
HOD of Botany

**HEAD**

**Dept. of Botany**

**G.S. Arts College, TIRUPATI**

TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI  
SGS ARTS COLLEGE, TIRUPATI  
DEPARTMENT OF BOTANY  
COMMITTEE FOR QUIZ PROGRAMME  
ACADEMIC YEAR 2022-2023

S.NO	NAME OF THE COMMITTEE MEMBERS	SIGNATURE
1	T.SHAKUNTALA	
2	B.SULOCHANA RANI	
3	Dr.P.SARITHA	

SIGNATURE OF HOD



HEAD

Dept. of Botany  
G. S. Arts College, TIRUPATI

TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI

SGS ARTS COLLEGE, TIRUPATI

DEPARTMENT OF BOTANY

QUIZ – DEPARTMENT OF BOTANY

ACADEMIC YEAR -2022-2023

S.NO	PROGRAMME NAME	PROGRAMME CODE	TITLE OF THE QUIZ PROGRAMME	DATE OF CONDUCTION	TOTAL NO. OF BATCHES	WINNING BATCH
1	II BBC	BBC	CELL DIVISION	14-02-2023	4(40Nos)	3 <sup>rd</sup> Batch 10 Nos CBZ
		CBZ				



**TIRUMALA TIRUPATI DEVASTHANAMS  
SRI GOVINDARAJA SWAMY ARTS COLLEGE**



**DEPARTMENT OF BOTANY**

**QUIZ**

**TOPIC :- CELL DIVISION**

1. CORRECT SEQUENCE OF STAGES IN CELL CYCLE IS :-
  - a) G<sub>1</sub>,S,G<sub>2</sub>,M
  - b) G<sub>1</sub>,G<sub>2</sub>,S,M
  - c) M,S,G<sub>1</sub>,G<sub>2</sub>
  - d) G<sub>2</sub>,G<sub>1</sub>,M,S
2. DNA SYNTHESIS OCCURS DURING :-
  - a) Interphase
  - b) Prophase
  - c) Metaphase
  - d) Anaphase
3. DNA REPLICATION TAKES PLACE DURING :-
  - a) G<sub>1</sub>-Phase
  - b) G<sub>2</sub>-Phase
  - c) S-Phase
  - d) Prophase
4. IN PLANT CELLS, MITOSIS WAS FIRST OBSERVED BY :-
  - a) Flemming
  - b) Strasburger
  - c) Farmer and Moore
  - d) Darlington
5. CROSSING OVER TAKES PLACE ON :-
  - a) Two Stranded Stage
  - b) Three Stranded Stage
  - c) One Stranded Stage
  - d) Four Stranded Stage
6. DURING CELL CYCLE, DNA REPLICATES :-
  - a) Once
  - b) Twice
  - c) Many Time
  - d) Not at all



7. CYTOKINESIS IS :-

- a) Division of Nucleus
- b) Division of Chromosomes
- c) Division of Cytoplasm
- d) None of the above

8. WHICH OF THE PHASE OF MITOSIS IS THE LONGEST :-

- a) Telophase
- b) Anaphase
- c) Metaphase
- d) Prophase

9. WHERE WE CAN STUDY MITOSIS :-

- a) Brain
- b) Legs
- c) Nail base
- d) Kidneys

10. WHICH PROTEIN IS KEY REGULATOR OF CELL CYCLE :-

- a) Histone
- b) Interleukin
- c) Interferon
- d) Cyclin

11. WHICH PART OF PLANT IS SUITABLE FOR THE STUDY OF MEIOSIS :-

- a) Root apex
- b) Ovary
- c) Anther
- d) Shoot apex

12. HOW MANY CHROMOSOMES SHALL BE PRESENT IN A DIPLOID CELL AT MITOTIC ANAPHASE IF ITS EGG CELL HAS 10 CHROMOSOMES :-

- a) 10 (TEN)
- b) 20 (TWENTY)
- c) 30 (THIRTY)
- d) 40 (FOURTY)



13. "BOUQUET-STAGE" OCCUR IN WHICH SUB STAGES OF PROPHASE-1

- a) Leptotene
- b) Zygotene
- c) Pachytene
- d) Diplotene

14. IN HUMAN CELL HOW MANY CHROMOSOMES PRESENT IN MITOTIC METAPHASE PLATE :-

- a) 23 Chromosomes
- b) 46 Chromosomes
- c) 22 Chromosomes
- d) 44 Chromosomes

15. SPINDLE FIBRES ARE MADE UP OF :-

- a) Proteins
- b) Lipids
- c) Cellulose
- d) Pectin

16. ANAPHASE OCCURS :-

- a) In amitosis
- b) In division of only somatic cells
- c) Only in Meiosis
- d) In division of somatic and germ cells

17. MITOSIS IS :-

- a) Karyokinesis
- b) Cytokinesis
- c) Reduction in chromosome number
- d) Both A & B

18. LONGEST PHASE OF MITOSIS IS :-

- a) Prophase
- b) Metaphase
- c) Anaphase
- d) Telophase

19. IN ANAPHASE, A METACENTRIC CHROMOSOME APPEARS :-

- a) I-Shaped
- b) J-Shaped
- c) V-Shaped
- d) L-Shaped

20. WHICH OF THE FOLLOWING IS CALLED HETEROTYPIC DIVISION :-

- a) Meiosis-1
- b) Meiosis-2
- c) Mitosis
- d) Amitosis

21. IN WHICH ORDER, CYTOKINESIS OCCURS IN PLANTS :-

- a) Centripetal
- b) Centrifugal
- c) Oblique
- d) Equatorial

22. SYNTHESIS OF CELL WALL MATERIAL TAKES PLACE IN :-

- a) Dictyosome
- b) Mitochondria
- c) Lysosome
- d) Endoplasmic reticulum

23. ROUGH ENDOPLASMIC RETICULUM [ ER ] MAINLY RESPONSIBLE FOR :-

- a) Protein synthesis
- b) Cell wall formation
- c) Lipid synthesis
- d) Cholesterol synthesis

24. IN MAMMALS, THE MITOCHONDRIAL RIBOSOMES ARE :-

- a) 55 S
- b) 70 S
- c) 80 S
- d) 100 S

25. PLASMA MEMBRANE IS :-

- a) Selectively permeable
- b) Permeable
- c) Impermeable
- d) Semipermeable

**S.G.S ARTS COLLEGE, TTD, TIRUPATI**

DEPARTMENT OF BOTANY

QUIZ COMPETITION CONDUCTED BY THE DEPARTMENT OF BOTANY ON 14/09/2023

TOPIC : CELL DIVISION DATE: 14/02/2023

S.NO	PROGRAMME NAME	PROGRAMME CODE	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT	BATCH	MARIS AWARDED (25)	REMARKS
1	CBZ	CBZ	K.HEMAKUMAR	<i>K. Hema Kumari</i>	A	24	I PLACE
2			G.MANOHAR BABU	<i>G. Manohar Babu</i>			
3			K.SANGEETHA	<i>K. Sangeetha</i>			
4			K.HARILINGADU	<i>K. Harilingadu</i>			
5			M.SUPRIYA	<i>M. Supriya</i>			
6			M.VARSHA	<i>M. Varsha</i>			
7			P.LAVANYA	<i>P. Lavanya</i>			
8			Y.GANGADEVI	<i>Y. Gangadevi</i>			
9			K.TEJASWINI	<i>K. Tejashwini</i>			
10			Y.PRAMEELA	<i>Y. Prameela</i>			
11	BBC	BBC	B.SREE LATHA	<i>B. Sreelatha</i>	B	22	II PLACE
12			B.SUNIL NAIK	<i>B. Sunil Naik</i>			
13			B.REDDY PRASANTH	<i>B. Reddy Prasanth</i>			
14			B.SAIPRASAD	<i>B. Saiprasad</i>			
15			M.DEVENIDRA NAIK	<i>M. Devendra Naik</i>			
16			G.SNEHA LATHA REDDY	<i>G. Sneha Latha Reddy</i>			
17			I.M.SUGUNAKAR	<i>I. M. Sugunakar</i>			
18			K.SRIKALA	<i>K. Srikala</i>			
19			P.VINOD KUMAR	<i>P. Vinod Kumar</i>			
20			V.VIJAYAKUMAR	<i>V. Vijayakumar</i>			
21	BBC	BBC	B.BARANID	<i>B. Baranid</i>	C	19	III PLACE
22			D.ANITHA	<i>D. Anitha</i>			
23			G.JAGADEESH	<i>G. Jagadeesh</i>			
24			S.SUDHEER	<i>S. Sudheer</i>			
25			G.NAGABABU	<i>G. Nagababu</i>			
26			T.CHANDRASEKHAR	<i>T. Chandrasekhar</i>			
27			M.LAKESH BABU	<i>M. Lakesh Babu</i>			
28			J.TEJASNEE	<i>J. Tejasnee</i>			
29			G.JOJESH	<i>G. Jojesh</i>			
30			L.VAIPRAKASH	<i>L. Vaiprakash</i>			
31	CBZ	CBZ	A.DINESH	<i>A. Dinesh</i>	D	18	IV PLACE
32			M.VASUDEVA REDDY	<i>M. Vasudeva Reddy</i>			
33			B.JAGADEESH	<i>B. Jagadeesh</i>			
34			G.KARTHIK	<i>G. Kartik</i>			
35			E.RAJESH	<i>E. Rajesh</i>			
36			K.ANIAI	<i>K. Ania</i>			
37			M.RAVI	<i>M. Ravi</i>			
38			K.SUDHAKAR	<i>K. Sudhakar</i>			
39			S.AHMAD ALI	<i>S. Ahmad Ali</i>			
40			M.BHOMIKA	<i>M. Bhomika</i>			








**S.G.S. ARTS COLLEGE ,TTD ,TIRUPATI**

**Department of BOTANY**

**EVENT ORGAISED REPORT: 2022-2023**

1	Name of the Department	<b>Botany</b>
2	Name of the Orgainzed	<b>QUIZ COMPETIEION</b>
3	Title of Event Orgainzed	Cell Division
4	Name of Co-Ordinators of the Event	<b>T.SHAKUNTALA B.SULOCHANA RANI Dr.P.SARITHA</b>
5	Class of the participants	<b>B.Sc (BBC,CBZ)</b>
6	No. Of the Participants	40
7	Objectives of the Event	➤ To encourage students to look beyond their textual knowledge and establish a relation ship between theory and application of the learn concepts
8	Outcome of the Event	<ul style="list-style-type: none"><li>• <b>Interactive platform</b></li><li>• <b>Changes scope of learning</b></li><li>• <b>Encourages team work</b></li><li>• <b>Bridges academia-industry gap</b></li></ul>

  
**HEAD**  
Dept. of Botany  
S.G.S. Arts College, TIRUPATI

## Department of Microbiology



**Tirumala Tirupati Devasthanams**  
**S.G.S ARTS COLLEGE**

( శ్రీ వేంకటేశ్వర ప్రభుత్వ ఆర్ట్స్ కళాశాల )  
( AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI )  
ISO CERTIFIED INSTITUTION



### QUIZ COMPETITION

From: TIRUPATI  
Date: 07/05/2023.

The HOD of Microbiology,  
S.G.S Arts College,  
Tirupati.  
To  
The Principal,  
S.G.S. Arts  
College,  
Tirupati.

Respected Sir/Madam,

Sub: -Request for Permission to conduct Quiz programme regarding.

\*\*\*

We are conducting Quiz programme for II BSC(MZC) Year students of microbiology

in Room No 316. So, kindly grant us permission to conduct Quiz programme.

Thanking you Sir/Madam,

Yours faithfully

HOD

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)





**Tirumala Tirupati Devasthanams**  
**S.G.S ARTS COLLEGE**

( శ్రీ వేంకటేశ్వర ప్రభుత్వ ఆర్ట్స్ కళాశాల )  
( AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI )  
ISO CERTIFIED INSTITUTION



**DEPARTMENT OF MICROBIOLOGY**  
**COMMITTEE FOR QUIZ PROGRAMME**  
**ACADEMIC YEAR – 2022-2023**

S.NO.	NAME OF THE COMMITTEE MEMBERS	SIGNATURE
1	Dr. K Sridevi	<i>K. Sridevi</i>
2		

SIGNATURE OF THE HOD

*V. V. S. S.*  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)



TIRUMALA TIRUPATI DEVASTHANAMS

## S.G.S. ARTS COLLEGE

Tiruchanur Road, TIRUPATI-517501

QUIZ - DEPARTMENT OF MICROBIOLOGY ACADEMIC YEAR: 2022-2023

S.NO	PROGRAMME NAME	PROGRAMME CODE	TITLE OF THE QUIZ PROGRAMME	DATE OF CONDUCTION	TOTAL NO. OF BATCHES	WINNING BATCH
1	Quiz	II-MZC	MEDICAL MICROBIOLOGY	07/05/2023	03	C

S.G.S. ARTS COLLEGE, TIRUCHANNOOR ROAD,  
TIRUPATI Student supporting programs / Events conducted

Name of the department: MICROBIOLOGY Academic  
year: 2022-2023

S.No	Name of the Program/ Event	Date	Class	No. of Students Participated	Remark
1	QUIZ COMPETITION	07/05/2023	II-MZC	12	

HOD

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)



**Tirumala Tirupati Devasthanams**  
**S.G.S ARTS COLLEGE**

( శ్రీ నరసింహ స్వామి దేవస్థానం )  
( AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI )  
ISO CERTIFIED INSTITUTION



**S.G.S. ARTS COLLEGE, TTD, TIRUPATI**  
**Department of MICROBIOLOGY**  
**EVENT ORGANISED REPORT: 2022-2023**

1	Name of the Department	<b>MICROBIOLOGY</b>
2	Name of Event Organized	<b>QUIZ COMPETITION</b>
3	Title of Event Organized	<u>QUIZ</u>
4	Name of Coordinator of Event	<b>Dr.K.Sridevi</b>
5	Class of the Participants	<b>II-Year MZC Students</b>
6	No. of Participants	<b>12</b>
7	Objective of the Event	<p>Quiz competition develops broad or specialized understanding of a subject.</p> <ul style="list-style-type: none"><li>• Quiz are intended to encourage fun learning methods while also enhancing general knowledge.</li><li>• Students can "think outside the box".</li><li>• It encourages constructive dialogue among participants so they can benefit from one another.</li></ul>

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

**S.G.S. ARTS COLLEGE, TTD, TIRUPATI**

**Department of MICROBIOLOGY**  
**EVENT ORGANISED REPORT: 2022-2023**

A quiz competition is conducted by the Department of MICROBIOLOGY  
in the view of competitive awareness in students.

Batch No	Name of the Student	Class	HT No	Student Signature	Marks Awarded	Total	Remarks
1	V.Navya sree	II-MZC	323008174	V. Navya sree	22	9	
	Y.Varshitha	II-MZC	323008175	Y. Varshitha		7	
	P.Susranya	II-MZC	323008166	P. Susranya		6	
2	M.Sai ram	II-MZC	323008162	M. Sai ram	19	6	
	G.Dileep kumar	II-MZC	323008158	G. Dileep kumar		7	
	G.Ganesh	II-MZC	323008159	G. Ganesh		9	
3	C.Bharath	II-MZC	323008153	C. Bharath	25	8	
	B.Prudhvi naik	II-MZC	323008151	B. Prudhvi naik		9	
	C.Ram prasad	II-MZC	323008152	C. Ram prasad		8	
	R.Vishnuvardhan	II-MZC	323008169	R. Vishnuvardhan		4	
	G.Sivateja	II-MZC	323008157	G. Sivateja		3	
	P.Purushotham	II MZC	323008167	P. Purushotham		3	

Organizing Committee:

1. Dr.K.Sridevi.

  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)



\* Photo Evidence:



*V. Kumar*  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

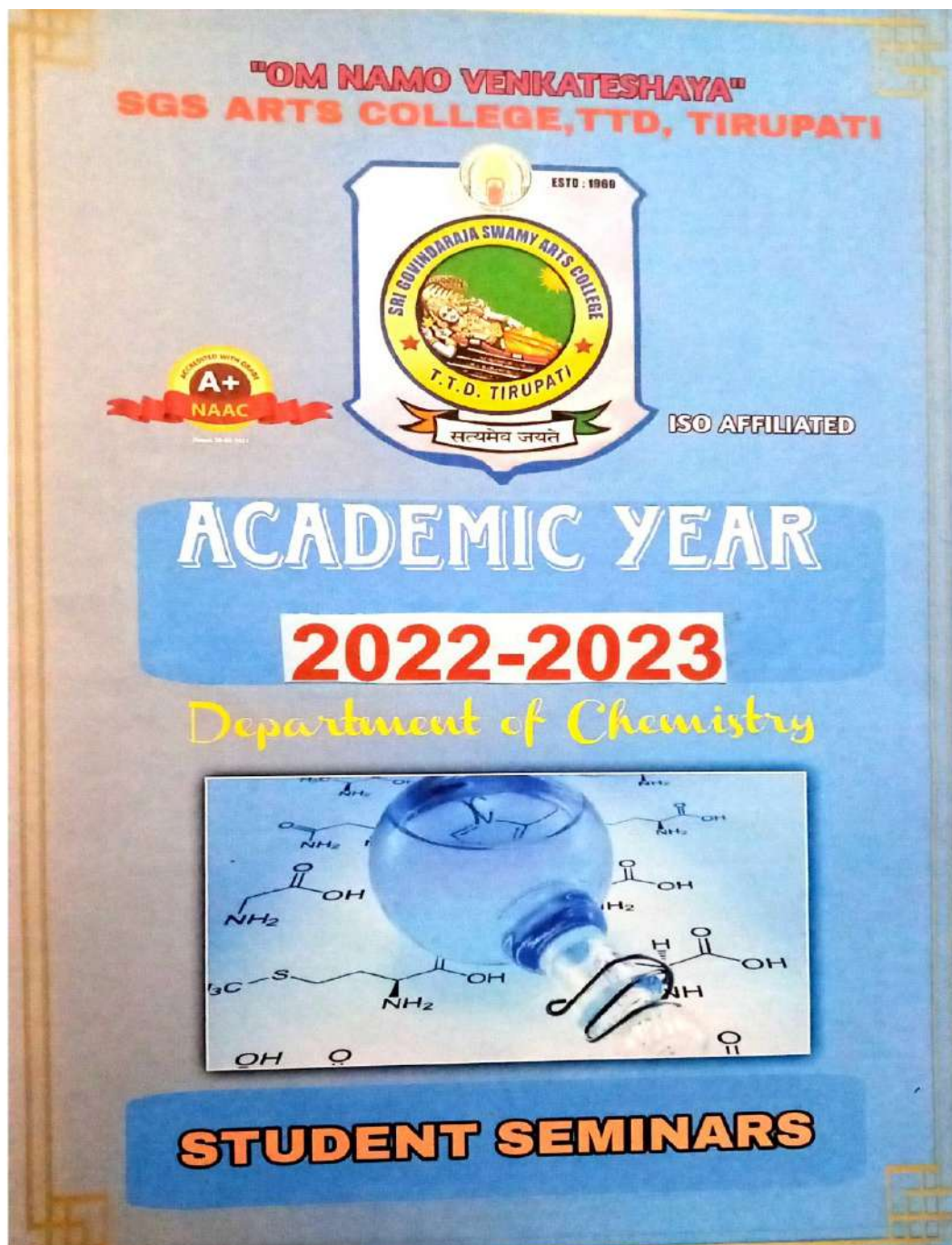
**FEED BACK :**

1. IT Helps to share each others knowledge and emphasis intrest on studies
2. It Helps them to promote active learning by engaing them to revive their syllabus
3. Quiz can also help for students to built their confidence by allowing them to through understanding topics and identify the topic areas for their improvement.

  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

## STUDENT SEMINAR

The College promotes the learning capabilities of the students by making them engaged in seminars on the topic of their choice. This ensures the students to learn about the latest information and new skills related to the concerned subjects



**From**  
The **HOD** of **CHEMISTRY**  
S.G.S.Arts College,  
Tirupati.

Tirupati,  
Date: 14-Feb-2023

**To**  
The **Principal**,  
S.G.S.Arts College,  
Tirupati.

Respected Sir,

**Sub:** - Permission for Conducting Student Seminars – Request – Regarding  
\*\*\*\*\*

We are conducting student Seminars Programe for **III YEAR STUDENTS**  
in their respective class hours. Hence, I Request you to grant me permission from **16-Feb-2023** to **18-Feb-2023**.

Thanking you Sir.

Yours Faithfully,

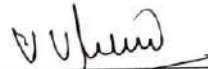


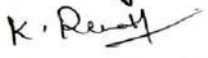
HOD

Copy to:  
The Students.

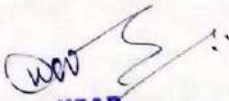
  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**



**DEPARTMENT OF CHEMISTRY**  
**COMMITTEE FOR STUDENT - SEMINARS TOPICS**  
**ACADEMIC YEAR – 2022-2023**

S.NO.	NAME OF THE COMMITTEE MEMBERS	SIGNATURE
1	Dr.V.VENKATA LAKSHMI	
2	Smt.P SRUJANA	
3	Dr.P.SUGUNA	
4	Smt.K.REVATHI	

**HOD**

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE**

(AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI)  
ISO CERTIFIED INSTITUTION



**DEPARTMENT OF CHEMISTRY**  
**STUDENT-SEMINARS**

YEAR: 2022-2023

DATE: 16-FEB-2023 TO 18-FEB-2023

CLASS: III YEAR BBC,MZC,CBZ & MPC

CONDUCTED By:- Smt. K.REVATHI.

**TOPICS:** CHROMATOGRAPHY – TYPES – METHODOLOGY – APPLICATIONS.

**OBJECTIVES:-** TO UNDERSTAND THE SEPARATION OF MIXTURE OF COMPONENTS LIKE AMINO ACIDS, DYES AND OTHER ELEMENTAL SEPARATIONS USING PAPER CHROMATOGRAPHY, THIN LAYER CHROMATOGRAPHY & COLOUMN CHROMATOGRAPHY

**LIST OF PARTICIPANTS:-**

STUDENT NAME	COURSE	TOPIC	SIGNATURE
M.VARSHA	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	M. Varsha
Y. Prameela	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	Y. Prameela
K. Hemakumar	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	K. Hemakumar
M. Bhoomika	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	M. Bhoomika
R. Vasavi	III <sup>rd</sup> B.Sc (M.Z.C)	Thin layer chromatography	R. Vasavi
P. Mahesh	III <sup>rd</sup> B.Sc (M.Z.C)	Thin layer chromatography	P. Mahesh
M. Gajendra Naik	III <sup>rd</sup> B.Sc (M.Z.C)	Thin layer chromatography	M. Gajendra Naik

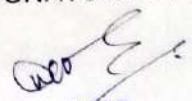
A. Nikhil	III <sup>rd</sup> BSC MPC	Thin layer chromatography	A. Nikhil
y. manojkumar	III <sup>rd</sup> B.Sc (M.P.C)	High performance liquid chromatography	y. manojkumar
D. Goutham Kumar	III <sup>rd</sup> B.Sc (MPC)	High performance liquid chromatography.	D. Goutham Kumar.
M. Ramanjaneya Reddy	III <sup>rd</sup> B.Sc (MPC)	High performance liquid chromatography	M. Ramanjaneya Reddy
M. Deendranath	III <sup>rd</sup> BSC BBC	High performance liquid chromatography	M. Deendranath
K. Sri Kala	III <sup>rd</sup> BSC BBC	column chromatography	K. Sri Kala
G. snehalatha Reddy	III <sup>rd</sup> B.Sc (BBC)	column chromatography	G. snehalatha Reddy.
J. Sugunakar	III <sup>rd</sup> BSc (BBC)	column chromatography	J. Sugunakar

#### UTCOMES:

- STUDENTS IDENTIFY THE IMPORTANCE OF CHROMATOGRAPHY IN THE SEPARATION AND IDENTIFICATION OF COMPOUNDS IN A MIXTURE.
- STUDENTS ACQUIRE CRITICAL KNOWLEDGE ON VARIOUS CHROMATOGRAPHY TECHNIQUES.

K. Ravi  
18/02/23  
SIGNATURE OF THE TEACHER

SIGNATURE OF THE HOD

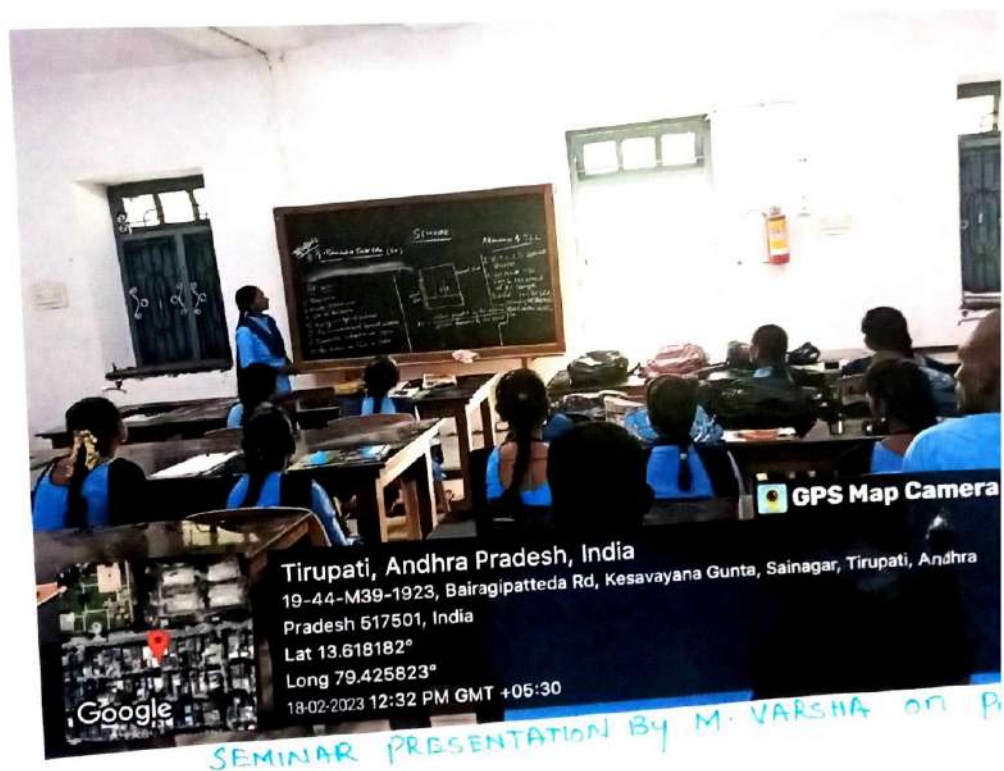
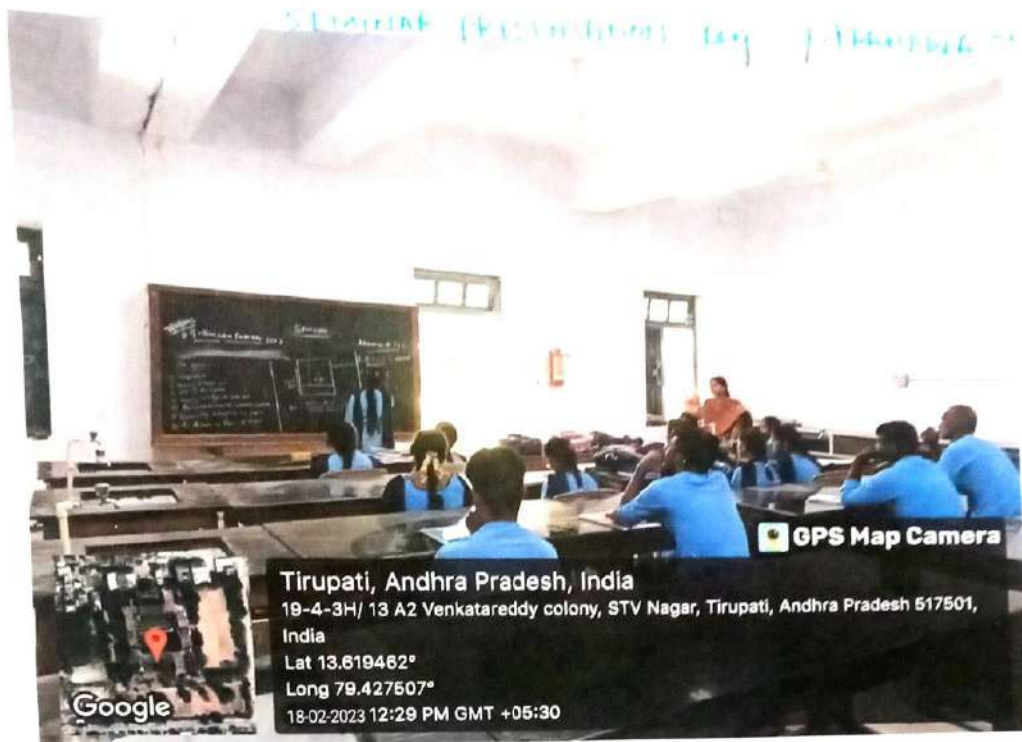
  
HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI





SEMINAR PRESENTATION By M. BHOO MIKA on PC





**STUDENT SEMINAR (Date:16 -02-2023 & 18-02-2023)**

Chemistry Department Conducted student Seminars in room no:230 with students on topic **CHROMATOGRAPHY-TYPES-METHODOLOGY-APPLICATIONS** by III YEAR BBC,MZC,CBZ & MPC.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**  
**EVENT ORGANISED REPORT: (2022-2023)**

1	Name of the Department	CHEMISTRY
2	Name of Event Organized	STUDENT SEMINARS
3	Title of Event Organized	CHROMATOGRAPHY
4	Name of Coordinator of Event	Dr. V. VENKATA LAKSHMI
5	Class of the Participants	III YEAR BBC,MZC,CBZ & MPC
6	No. of Participants	15
7	Objective of the Event	<ul style="list-style-type: none"><li>• TO UNDERSTAND THE SEPARATION OF MIXTURE OF COMPONENTS LIKE AMINO ACIDS, DYES AND OTHER ELEMENTAL SEPARATIONS USING PAPER CHROMATOGRAPHY, THIN LAYER CHROMATOGRAPHY &amp; COLOUMN CHROMATOGRAPHY</li></ul>
8	Outcome of the Event	<ul style="list-style-type: none"><li>• STUDENTS IDENTIFY THE IMPORTANCE OF CHROMATOGRAPHY IN THE SEPARATION AND IDENTIFICATION OF COMPOUNDS IN A MIXTURE.</li><li>• STUDENTS ACQUIRE CRITICAL KNOWLEDGE ON VARIOUS CHROMATOGRAPHY TECHNIQUES.</li></ul>

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**

# Department of Sanskrit

Om Namo Venkatesaya

TIRUMALA TIRUPATI DEVASTHANAMS  
SRI GOVINDARAJASWAMY ARTS COLLEGE

DEPARTMENT OF SANSKRIT



SEMINARS

ACADEMIC YEAR 2022-2023

TIRUPATI,

DATE: 25-01-2023.

From

The HOD of Sanskrit,  
S.G.S.Arts College,  
TIRUPATI.

To

The Principal,  
S.G.S.Arts College,  
TIRUPATI.

Respected Sir,


Sub:- Permission for Conducting Student Seminar – Request – Regarding.

\*\*\*\*\*

We are conducting a Seminar by Students for IInd year B.Sc., B.Com., & B.A., Sanskrit Students in their respective class hours on "Bhagavadgita – Sraddatraya vibhagayogaha" Hence, I am requesting you to grant me permission to conduct Student Seminar on 27-02-2023.

Thanking you Sir,

Yours Faithfully,

  
H. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)



TIRUPATI,

DATE: 27-01-2023.

**CIRCULAR**

This is to inform that student Seminar Programme is planned to be conducted for Sanskrit Students IInd year students of B.A., B.Sc., & B.Com., on "Bhagavadgita – Sraddatraya vibhagayogaha" on 28-01-2023 In room no. 309. All the students must attend the programme without fail.

Yours Faithfully,

  
H. O. D. OF SANSKRIT,  
S. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)

Copy to

Notice Board.

**STUDENT SEMINAR (28-01-2023)**

Department of Sanskrit has Conducted Student Seminars on the topic "Bhagavadgita – Sraddatraya vibhagayogaha" on 28-01-2023 in room No.309 . Seminar was given by D. Mahendra II.MPCs, K. Stella MSCs and other students.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**Department of Sanskrit**  
**EVENT ORGANISED REPORT:2022 – 23**

1	Name of the Department	Sanskrit
2	Name of Event Organized	Sanskrit Department
3	Title of Event Organized	Student Seminar
4	Name of Coordinator of Event	Dr.K.Koteswaraiah
5	Class of the Participants	B.A., B.Sc., B.Com
6	No. of Participants	50
7	Objective of the Event	To improve the students speaking skills to avoid their stage fear.
8	Outcome of the Event	The students achieve good knowledge about Bhagavadgita.

  
H. O. D. OF SANSKRIT,  
S. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)



Delivered Seminar by D. Mahendra II M.P.Cs.,(EM) & K.Stella II M.S.Cs (EM)



LIST OF STUDENTS ATTENDED FOR THE SEMINAR PROGRAMME (28-01-2023)

S.NO.	Roll No.	Name of the Student	Signature
01	321406	D.ANITHA	D. Anitha
02	321407	DEVENDRA NAIK.M	M. Devendra Naik.
03	321408	G.SNEHALATHA REDDY	G. Snehalatha Reddy.
04	321412	J.M.SUGUNAKAR	J. M Sugunakar
05	321413	J.TEJASREE	J. Tejasree
06	321414	K.SRIKALA	K. Srikala
07	321416	M.BALA GURIAH	M. Bala Gurraiah.
08	321418	M.TEJASWI	M. Tejaswi
09	321419	M.LOUKYA	M. Loukya
10	321424	P.YASWANTH	P. Yaswanth
11	321289	K.UDAY KIRAN	K. Uday Kiran
12	321292	M.PAVAN	M. PAVAN
13	321293	M.KUSUMA	M. Kusuma
14	321294	M.CHARAN KUMAR	M. Charan Kumar
15	321295	M.LAKSHMI PRASANNA	M. Lakshmi Prasanna
16	321296	M.LAKSHMAN	M. Lakshman
17	321297	M.RAMU	M. Ramu
18	321298	M.AMARANATH	M. Amaranath
19	321299	M.KUSHAL BABU	M. kushal Babu
20	321300	N.NARESH	N. Naresh
21	321301	N.DELHI BABU	N. DELHI BABU
22	321303	P.SRIKANTH	P. Srikanth



23	321306	P.PAVAN KUMAR	P. Pavan Kumar
24	321164	D.MAHENDRA	D. Mahendra.
25	321165	D.JYOTEESHNA	D. Jyoteeshna.
26	321166	D.SRIKANTH	D. Srikanth
27	321168	E.PRASANNA KUMAR	E. prasanna kumar
28	321169	E.NAGESH	E. Nagesh
29	321170	G.SREEKANTH	G. Sreekanth
30	321171	G.MUNI TEJA	G. Muni Teja.
31	321172	G.MAHESHKUMAR NAIDU	G. mahesh kumar naidu
32	321175	J.BALAJI	J. Balaji
33	321176	J.SREEDHAR NAIDU	J. sreedhar naidu
34	321179	K.SREENIVAS REDDY	k. Sreenivas Reddy
35	321180	K.GOKULA KRISHNA	K. GOKULA KRISHNA
36	321164	D.MAHENDRA	D. Mahendra
37	321165	D.JYOTEESHNA	D. Jyoteeshna
38	321166	D.SRIKANTH	D. Srikanth
39	321168	E.PRASANNA KUMAR	E. prasanna kumar
40	321169	E.NAGESH	E. Nagesh
41	321170	G.SREEKANTH	G. Sreekanth.
42	321171	G.MUNI TEJA	G. Muni Teja.
43	321172	G.MAHESHKUMAR NAIDU	G. Mahesh kumar naidu
44	321175	J.BALAJI	J. Balaji
45	321176	J.SREEDHAR NAIDU	J. sreedhar naidu
46	121014	D.NAVEEN KUMAR	D. Naveen kumar
47	121027	G.MALLIKARJUNA	G. Mallikarjuna

48	121035	K.P.REVAN NAIK	K.P. REvan naik
49	121043	M.PHANIBHUSHAN RAO	M. PHANIBhushan RAO
50	321404	B.SAI PRASAD	B.Sai <sup>o</sup> Prasad.

  
H. O. OF SANSKRIT,  
S. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)

TIRUPATI,

DATE: 28-02-2023.

From

The HOD of Sanskrit,  
S.G.S.Arts College,  
TIRUPATI.

To

The Principal,  
S.G.S.Arts College,  
TIRUPATI.

Respected Sir,

Sub:- Permission for Conducting Student Seminar – Request – Regarding.

\*\*\*\*\*

We are conducting a Seminar by Students for II year B.Sc., B.Com., & B.A., Sanskrit Students in their respective class hours on "Nataka Lakshanani ". Hence, Iam requesting you to grant me permission to conduct Student Seminar on 02-03-2023.

Thanking you Sir,

Yours Faithfully,


  
H. O. D. OF SANSKRIT,  
S. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)

**STUDENT SEMINAR (02-03-2023)**

Department of Sanskrit has Conducted Student Seminars on the topic "Nataka Lakshanani" on 02-03-2023 in room No.309 . Seminar was given by S.Hemanth Kumar II.MPCs., K. Lekhya II.MSCs., and other students.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**Department of Sanskrit**  
**EVENT ORGANISED REPORT:2022 – 23**

1	Name of the Department	Sanskrit
2	Name of Event Organized	Sanskrit Department
3	Title of Event Organized	Student Seminar
4	Name of Coordinator of Event	Dr.K.Koteswaraiah
5	Class of the Participants	B.A., B.Sc., B.Com
6	No. of Participants	60
7	Objective of the Event	To improve the students speaking skills to avoid their stage fear.
8	Outcome of the Event	The students achieve good knowledge about Dramas.

  
**H. O. D. OF SANSKRIT,**  
**S. G. S. ARTS COLLEGE,**  
**TIRUPATI. (A. P.)**





Delivered Seminar by S.Hemanth Kumar II M.P.Cs.,(EM) & K.Lekhya II M.S.Cs (EM)



LIST OF STUDENTS ATTENDED FOR THE SEMINAR PROGRAMME (02-03-2023)

S.NO.	Roll No.	Name of the Student	Signature
01	321271	D.BHAVYA	D. Bhavya
02	321273	D.POORNA SAI	D. POORNA SAI
03	321275	J.GANGADHAR REDDY	J. Gangadhar Reddy
04	321278	K.BHUVANESWARI	K. Bhuvaneshwari
05	321279	K.CHARAN	K. Charan
06	321282	K.JAGASEESH KUMAR	K. Jagaseesh Kumar
07	321283	K.NAVEEN	K. Naveen
08	321286	K.BHANU PRAKASH	K. Bhanu prakash
09	321287	K.LAKSHMI NARASIMHA	K. Lakshmi Narasimha
10	321288	K.LEKHYA	K. Lekhya
11	321289	K.UDAY KIRAN	K. Uday Kiran
12	321292	M.PAVAN	M. Pavan
13	321293	M.KUSUMA	M. Kusuma
14	321294	M.CHARAN KUMAR	M. Charan Kumar
15	321295	M.LAKSHMI PRASANNA	M. Lakshmi prasanna
16	321296	M.LAKSHMAN	LAKSHMAN
17	321297	M.RAMU	M. Ramu
18	321298	M.AMARANATH	M. AMARANATH
19	321299	M.KUSHAL BABU	M. kushal Babu
20	321300	N.NARESH	N. NARESH
21	321301	N.DELHI BABU	N. Delhi Babu
22	321303	P.SRIKANTH	P. Srikanth
23	321306	P.PAVAN KUMAR	P. Pavan Kumar

24	321164	D.MAHENDRA	D.MAHENDRA
25	321165	D.JYOTEESHNA	D.JYOTEESHNA
26	321166	D.SRIKANTH	D.SRIKANTH
27	321168	E.PRASANNA KUMAR	E.PRASANNA KUMAR
28	321169	E.NAGESH	E.Nagesh
29	321170	G.SREEKANTH	G.Sreekanth
30	321171	G.MUNI TEJA	G.Muni Teja
31	321172	G.MAHESHKUMAR NAIDU	G.mahesh kumar naidu
32	321175	J.BALAJI	J. Balaji
33	321176	J.SREEDHAR NAIDU	J. sreedhar naidu
34	321179	K.SREENIVAS REDDY	K.Sreenivas reddy
35	321180	K.GOKULA KRISHNA	K.Gokula krishna
36	321164	D.MAHENDRA	D.MAHENDRA
37	321165	D.JYOTEESHNA	D.JYOTEESHNA
38	321166	D.SRIKANTH	D. Sri kanth
39	321168	E.PRASANNA KUMAR	E.prasanna kumar
40	321169	E.NAGESH	E. Nagesh
41	321170	G.SREEKANTH	G.sreekanth
42	321171	G.MUNI TEJA	G.muni Teja
43	321172	G.MAHESHKUMAR NAIDU	J. Balaji Mahesh kumar
44	321175	J.BALAJI	J. Balaji
45	321176	J.SREEDHAR NAIDU	J. sreedhar naidu
46	121014	D.NAVEEN KUMAR	D. Naveen kumar
47	121027	G.MALLIKARJUNA	G. mallikarjuna
48	121035	K.P.REVAN NAIK	K.P.Revan Naik

Aladdin  
Mahesh kumar

TIRUPATI,

DATE: 13-03-2023.

From

The HOD of Sanskrit,  
S.G.S.Arts College,  
TIRUPATI.

To

The Principal,  
S.G.S.Arts College,  
TIRUPATI.

Respected Sir,

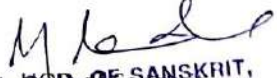
Sub:- Permission for Conducting Student Seminar – Request – Regarding.

\*\*\*\*\*

We are conducting a Seminar by Students for I year B.Sc., B.Com., & B.A., Sanskrit Students in their respective class hours on "Bhagavadgita Sandesam ". Hence, I am requesting you to grant me permission to conduct Student Seminar on 15-03-2023.

Thanking you Sir,

Yours Faithfully,

  
H. DOD-OF SANSKRIT,  
S. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)



**STUDENT SEMINAR (15-03-2023)**

Department of Sanskrit has Conducted Student Seminars on the topic " Bhagavadgita Sandesam" on 15-03-2023 in room No.309 . Seminar was given by K.Naveena I.MPCs., K.Akash MSCs., and other students.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**Department of Sanskrit**  
**EVENT ORGANISED REPORT:2022 – 23**

1	Name of the Department	Sanskrit
2	Name of Event Organized	Sanskrit Department
3	Title of Event Organized	Student Seminar
4	Name of Coordinator of Event	Dr.K.Koteswaraiah
5	Class of the Participants	B.A., B.Sc., B.Com
6	No. of Participants	65
7	Objective of the Event	To improve the students speaking skills to avoid their stage fear.
8	Outcome of the Event	The students achieve good knowledge about Gita.

  
H. O. D. OF SANSKRIT,  
S. G. S. ARTS COLLEGE,  
TIRUPATI. (A. P.)

## Department of Zoology

Om Namo Venkatesaya

TIRUMALA TIRUPATI DEVASTHANAMS  
SRI GOVINDARAJASWAMY ARTS COLLEGE

DEPARTMENT OF SANSKRIT



SEMINARS

ACADEMIC YEAR 2022-2023

S G S ARTS COLLEGE, TIRUPATI  
DEPARTMENT OF **ZOOLOGY**  
2022-23

**STUDENTS SEMINAR**

Student Seminar		
Academic Year 2022-2023		
S No	Names	Details
1	Name of the Department	Zoology
2	Date of the seminar conducted	10-10-2022
3	Name of coordinator of Seminar	S N Shameer
4	Class of the Students	B.Sc., (CBZ & MZC)
5	Name of the Student	G.Ganesh [Roll No:32522009] T.Nivedha [Roll No:321490]
6	Topic	Nucleic acids & Sex Linked Inheritance
7	No of Students attended	31
8	No of Faculty attended	2
9	Feedback	To understand the topic of Nucleic acids & its applications and sex linked inheritance has been explained by the student.

  
HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

S G S ARTS COLLEGE, TIRUPATI

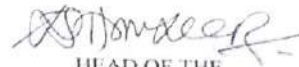
DEPARTMENT OF ZOOLOGY

2022-23

STUDENTS SEMINAR

CIRCULAR ISSUED TO THE STUDENTS

This is to inform that the department is intended to conduct student seminars. In this regard, I hereby request all the B.Sc. CBZ/MZC Zoology students that those who are interested to participate in the seminars can enroll their names in the Zoology staff room with their preferred topics.



HEAD OF THE  
DEPARTMENT,

ZOOLOGY.

HEAD

Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



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Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



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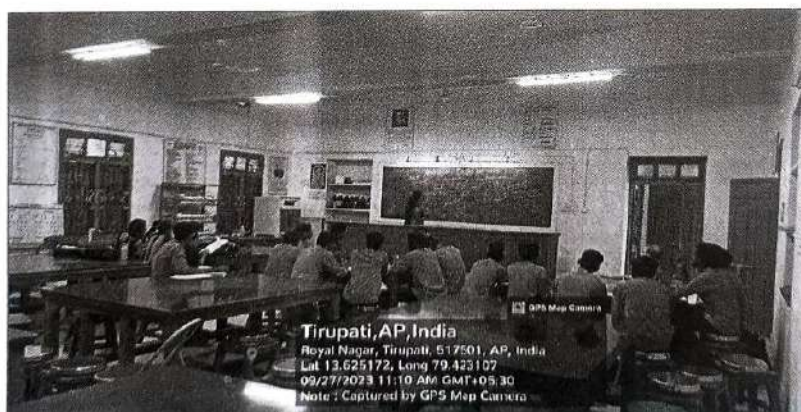
DEPARTMENT OF ZOOLOGY

2022-23

STUDENTS SEMINAR

ON

NUCLEIC ACIDS & SEX LINKED INHERITANCE



*Xamator*

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

# S G S ARTS COLLEGE, TIRUPATI

## DEPARTMENT OF ZOOLOGY

2022-23

### NAME OF THE STUDENTS WHO PARTICIPATED

SGS ARTS COLLEGE TIRUPATI  
DEPARTMENT OF ZOOLOGY, 2022-23  
IBSc MZSemester -B  
STUDENTS NAMES LIST  
SEMINAR ON NUCLEIC ACIDS & SEX LINKED INHERITANCE  
DATE: 10-10-2022

S.NO	HALL TICKET NO.	NAME OF THE STUDENTS	SIGNATURES
1.	0323008151	B. PrudviNaik	B. PrudviNaik
2.	0323008152	C. Ramprasad	C. Ramprasad
3.	0323008153	C. Bharathi Simha	C. Bharathi Simha
4.	0323008154	D. Madhan	D. Madhan
5.	0323008156	G. Vidyasagar	G. Vidyasagar
6.	0323008157	G. Sivateja	G. Sivateja
7.	0323008158	G. Dileepkumar	G. Dileepkumar
8.	0323008159	G. Ganesh	G. Ganesh
9.	0323008160	K. ISHAQ ALI	K. ISHAQ ALI
10.	0323008161	M. Sreenivasulu	M. Sreenivasulu
11.	0323008162	M. Saran	M. Saran
12.	0323008163	M. Sathish Naik	M. Sathish Naik
13.	0323008166	P. Susranya	P. Susranya
14.	0323008167	P. Purushotham	P. Purushotham
15.	0323008169	R. Vishnu Vardhan	R. Vishnu Vardhan
16.	0323008171	S. KASIF	S. KASIF
17.	0323008173	T. Ganesh	T. Ganesh
18.	0323008174	V. Navyasree	V. Navyasree
19.	0323008175	Y. Varthitha	Y. Varthitha

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

S.G.S ARTS COLLEGE TIRUPATI  
DEPARTMENT OF ZOOLOGY 2022-23

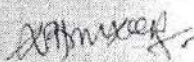
IB SCIB/Semester II

STUDENT'S NAMES LIST

STUDENT SEMINAR ON NUCLEIC ACID & SEX LINKED INHERITANCE

DATE: 10-10-2022

S.NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
1	0323008176	C. Apureopa	C. Apureopa
2	0323008177	D. Iyothi	D. Iyothi
3	0323008178	E. Ganesh	E. Ganesh
4	0323008179	K. Revanth Kumar	K. Revanth Kumar
5	0323008180	M. Sailu	M. Sailu
6	0323008181	N. Varunteja	N. Varunteja
7	0323008182	N. Rakesh	N. Rakesh
8	0323008183	P. Gunasekhar	P. Gunasekhar
9	0323008184	P. Sivaji	P. Sivaji
10	0323008186	S. Sujatha	S. Sujatha
11	0323008187	S. Lokesh	S. Lokesh
12	0323008189	T. Venkatesh	T. Venkatesh



HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



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Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

S G S ARTS COLLEGE, TIRUPATI

DEPARTMENT OF ZOOLOGY

2022-23

STUDENTS SEMINAR

Student Seminar		
Academic Year 2022-2023		
S No	Names	Details
1	Name of the Department	Zoology
2	Date of the seminar conducted	Oct 11,2023
3	Name of coordinator of Seminar	S N Shameer
4	Class of the Students	B.Sc., (CBZ & MZC)
5	Name of the Student	M.Varsha [Roll No:321380] P.V.Nynakshitha [Roll No:321483] B.Sonu Prakash Naik [Roll No: 321488]
6	Topic	Carbohydrates,Cell Biology
7	No of Students attended	54
8	No of Faculty attended	2
9	Feedback	To understand the importance of carbohydrates and cell biology has been explained by the student.



HEAD

Department of Zoology

S.G.S. Arts College

TIRUPATI-517 501



S G S ARTS COLLEGE, TIRUPATI

DEPARTMENT OF ZOOLOGY

2022-23

STUDENTS SEMINAR ON CARBOHYDRATES & CELL BIOLOGY



*Arthmaxeo*  
HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

# S G S ARTS COLLEGE, TIRUPATI

## DEPARTMENT OF ZOOLOGY

2022-23

### NAME OF THE STUDENTS WHO PARTICIPATED

SGS ARTS COLLEGE TIRUPATI			
DEPARTMENT OF ZOOLOGY, 2022-23			
II B.Sc MZC Semester -IV			
STUDENTS NAMES LIST			
STUDENT SEMINAR ON BIOMOLECULES & CELL BIOLOGY			
DATE: 10-02-2023			
S NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
01	0322008261	A. Nikhil	A. Nikhil
02	0322008262	B. Bhavya	B. Bhavya
03	0322008264	B. Umesh	B. Umesh
04	0322008266	B. Siddesh	B. Siddesh
05	0322008267	B. Venkatesh	B. Venkatesh
06	0322008268	C. Siva	C. Siva
07	0322008269	D. Homanjali	D. Homanjali
08	0322008270	E. Bhargavi	E. Bhargavi
09	0322008272	G. Madhu	G. Madhu
10	0322008274	K. Ajay Kumar	K. Ajay Kumar
11	0322008275	K. Chiranjeevi	K. Chiranjeevi
12	0322008277	K. Lakshmi Narayan	K. Lakshmi Narayan
13	0322008279	K. Upendra Reddy	K. Upendra Reddy
14	0322008281	M. Pavankalyan	M. Pavankalyan
15	0322008282	M. Dinesh	M. Dinesh
16	0322008283	M. Gajendra Naik	M. Gajendra Naik
17	0322008284	M. Nithish Koushik	M. Nithish Koushik
18	0322008285	M. Baby Priyanka	M. Baby Priyanka
19	0322008287	N. Vishnuvardhan	N. Vishnuvardhan
20	0322008289	P. Abhisai Babu	P. Abhisai Babu
21	0322008290	P. Amrutha Raj	P. Amrutha Raj
22	0322008291	P. Ramya	P. Ramya
23	0322008292	P. Mahesh	P. Mahesh
24	0322008294	P. v. Nynakshitha	P. v. Nynakshitha
25	0322008295	R. Vasavi	R. Vasavi
26	0322008294	R. Divya	R. Divya
27	0322008296	S. Sathish	S. Sathish
28	0322008298	B. Sonuprakash Naik	B. Sonuprakash Naik
29	0322008299	T. Anil	T. Anil
30	0322008300	T. Nivedha	T. Nivedha
31	0322008301	T. p. Nikhil	T. p. Nikhil
32	0322008302	V. r. Triveni	V. r. Triveni

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

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Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

SGS ARTS COLLEGE TIRUPATI  
DEPARTMENT OF ZOOLOGY, 2022-23


II B.Sc. CBZ Semester -IV

STUDENTS NAMES LIST

STUDENT SEMINAR ON BIOMOLECULES & CELL BIOLOGY

DATE: 10.02.2023

S NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
1	0322008017	B.jagadeesh	B. Jagadeesh
2	0322008041	L.Rajesh	E. Rajesh
3	0322008043	G.Jyoshna	G. Jyoshna
4	0322008044	G.karthik	G. Karthik
5	0322008045	G.manoharbabu	G. Manoharbabu
6	0322008047	K.Hemakumar	K. Hemakumar
7	0322008049	K.Raju	K. Raju
8	0322008050	K.sangeetha	K. Sangeetha
9	0322008279	K.tejaswini	K. Tejaswini
10	0322008052	K.Harilingadu	K. Harilingadu
11	0322008054	K.vinodkumar	K. Vinodkumar
12	0322008055	M.Raju	M. Raju
13	0322008056	M.supriya	M. Supriya
14	0322008057	M.bhoomika	M. Bhoomika
15	0322008058	M.vasu Deva reddy	M. Vasu Deva reddy
16	0322008059	P.vanishree	P. Vanishree
17	0322008060	P.Lavanya	P. Lavanya
18	0322008062	S.Ahmad Ali	S. Ahmad Ali
19	0322008065	T. Teja	T. Teja
20	0322008066	M.varsha	M. Varsha
21	0322008067	Y.prameela	Y. Prameela
22	0322008068	Y.Ganga Devi	Y. Ganga Devi



HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

## Elocution & Easy writing Competition

Elocution competition helps the students to develop their self-expression and confidence. Elocution competition enable the students to improve their articulation and pronunciation of speech and oratory skills.

Writing encourages and enhances critical thinking and helps in organizing thoughts and improve communication skills. It provides an opportunity to the students to express their thoughts, feelings, ideas and beliefs. In this direction the college organized elocution and easy competitions.



## Coaching for competitive examination

The College has conducted coaching for competitive examinations to promote the employability of the students.

**"OM NAMO VENKATESHAYA"**  
**SGS ARTS COLLEGE, TTD, TIRUPATI**

ESTD : 1989

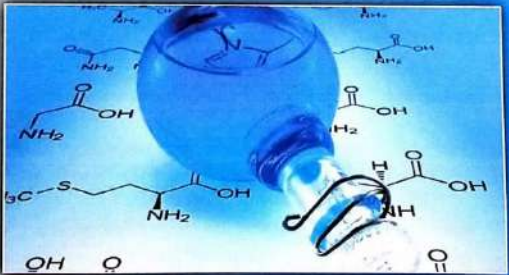
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**SRI GOUDARAJA SWAMY ARTS COLLEGE**  
**T.T.D. TIRUPATI**  
सत्यमेव जयते

ISO AFFILIATED

**ACADEMIC YEAR**  
**2022-2023**

*Department of Chemistry*



**PGCET**

Phone: (0877) 2264599  
Web:sgsac.edu.in

E-mail:sgsartscollegegettd@gmail.com

TIRUMALA TIRUPATI DEVASTHANAMS  
**S.G.S. ARTS COLLEGE**  
Tiruchanur Road, TIRUPATI-517501

Sri. D.Parameswara,  
HOD of Chemistry,



**DEPARTMENT OF CHEMISTRY**

**CIRCULAR**

04-01-2023

**S.G.S A.C / Chem / 2023**

The faculty members of department of chemistry are informed that there will be a staff meeting at 9.00 A.M in the HOD chamber on 04-01-2023 to discuss about P.G CET coaching to be conducted for the final year students for the academic year 2022-23.

S.No.	Name of the Faculty	Mobile No.	Signature
1	Sri D. Parameswara	9490728655	
2	Dr. V. Venkata Lakshmi	9492075161	
3	Smt. P.Srujana	7382419232	
4	Dr. P. Suguna	7989925972	
5	Smt. K. Revathi	9177721917	

**AGENDA:**

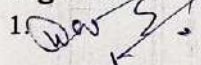
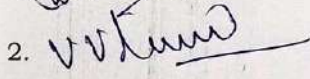
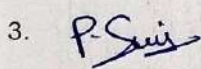
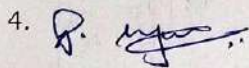
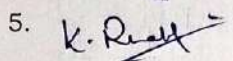
- To discuss about of P.G CET coaching to be conducted for the final year students for the academic year 2022-23.
- To finalize schedule for the P.G CET coaching
- To finalize timetable for the P.G CET coaching
- To discuss workload distribution for the P.G CET coaching

**MINUTES:**

- ❖ The faculty members discussed the schedule and timetable for the P.G CET coaching and made the following resolutions unanimously.
- ❖ It was planned to conduct P.G CET coaching for the final year students in the third week of January 2023.
- ❖ Sri. D. Parameswara was made Coordinator for P.G CET coaching.
- ❖ The workload distribution for the P.G CET was as shown.
- ❖ It was planned to conduct P.G CET coaching classes for 1hour 30 minutes per day from 8.15 A.M to 9.45 AM.

S.No	Name of the Faculty	Subject	No of Hours
1	Sri D. Parameswara	Organic chemistry	9
2	Dr. V. Venkata Lakshmi	Physical chemistry	9
3	Smt. P. Srujana	General chemistry	11
4	Dr. P. Suguna	Inorganic chemistry	11
5	Smt. K. Revathi	Organic chemistry	11

**Signatures:**

1. 
2. 
3. 
4. 
5. 



## Permission letter

05-01-2023

**From**

HOD, Dept of chemistry,  
S.G.S Arts College,  
Tirupati.

**To**

**The Principal,**  
S.G.S Arts College,  
Tirupati.

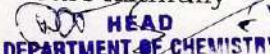
**Respected Sir,**

**Sub:** Request for permission to conduct coaching  
classes for P.G  
CET -Reg.

We have planned to conduct coaching classes for P. G  
CET in chemistry for the final year students of B.Sc. with  
chemistry combination from the third week of January 2023.  
The coaching classes enable the students to perform better  
in P.G CET and other entrance examinations conducted for  
admission into M.Sc. So, please permit us to conduct the  
side coaching classes.

Thanking you

Yours faithfully

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**



## **INTIMATION**

**SGSAC/ Chem dept/PGCET 2018/HOD/01**

**07-01-2023**

All the final year students of B.Sc. with chemistry combination are informed that coaching for P.G CET has been scheduled to commence from 23-01-2023. The classes are conducted for 1hour 30 minutes per day from 8.15 A.M to 09.45 A.M in room number 129. So, the interested students are instructed to enroll their names on or before 20-01-2023.

H.O.D of the Department

  
**HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI**

**To**

1. All teaching staff of chemistry  
Department for circulation.
2. Department noticeboard .

**DEPARTMENT OF CHEMISTRY**  
**PGCET COACHING : STUDENT NAME LIST**

Role No.	CLASS	NAME OF THE STUDENT	SIGNATURE
20520	MPC	K.Girikumar	K. Girikumar
20530	MPC	C.Kartheek	C. Kartheek
20534	MPC	G.Mahesh	G. Mahesh
20922	BBC	G.Divyabharathi	G. Divya Bharathi
20927	BBC	D.Indira Mythri	D. Indira Mythri
20932	BBC	T.Kushwanth	T. Kushwanth
20934	BBC	P.Leena	P. Leena
20938	BBC	N.Nagaroshini	N. Nagaroshini
20941	BBC	O.Pavan kumar Raju	O. Pavan Kumar Raju
20945	BBC	T.Ravikumar	T. Ravikumar
20954	BBC	B.Vidyavathi	B. Vidyavathi
20956	BBC	C.Vijay Bramha	C. Vijay Bramha
20875	CBZ	M.Chaithanya	M. Chaithanya
20889	CBZ	C.Mohan	C. Mohan
20892	CBZ	B.Pavan Kalyan	B. Pavan Kalyan
20971	MZC	S.Avinash	S. Avinash
20979	MZC	M.Gowtham naik	M. Gowtham naik
20982	MZC	D.Harshitha	D. Harshitha
20986	MZC	G.Lokanadham	G. Lokanadham
20987	MZC	M.Kuswanth Kumar	M. Kuswanth Kumar

  
**HEAD**  
 DEPARTMENT OF CHEMISTRY  
 S. G. S. ARTS COLLEGE  
 TIRUPATHI

**DEPARTMENT OF CHEMISTRY**  
**PGCET COACHING PLAN**  
**PROGRAMME SCHEDULE: (Daily 1HRS 30 Minutes)**  
**VENUE : Room No.129**

Date	Time	Topic	Faculty in charge
23.01.2023	8.15-9.45	s-block elements	Dr.P.Suguna
24.01.2023	8.15-9.45	Structural theory in organic chemistry	Sri.D.Parameswara
25.01.2023	8.15-9.45	P-Block elements	Dr.P.Suguna
27.01.2023	8.15-9.45	Hydrocarbons	Sri.D.Parameswara
28.01.2023	8.15-9.45	Organo metallic compounds	Dr.P.Suguna
30.01.2023	8.15-9.45	Hydro carbons	Sri.D.Parameswara
31.01.2023	8.15-9.45	d-block elements	Dr.P.Suguna
01.02.2023	8.15-9.45	Hydro carbons	Sri.D.Parameswara
02.02.2023	8.15-9.45	f-block elements	Dr.P.Suguna
03.02.2023	8.15-9.45	Halogen compounds, Hydroxy compounds	Sri.D.Parameswara
04.02.2023	8.15-9.45	Chromatography	Dr.V.Venkatalakshmi
05.02.2023	8.15-9.45	Colloidal Solutions	Smt.P.Srujana
06.02.2023	8.15-9.45	Carbonyl compounds	Smt. K.Revathi
07.02.2023	8.15-9.45	Metal carbonyls	Dr.P.Suguna
08.02.2023	8.15-9.45	Carboxylic acids	Smt. K.Revathi
09.02.2023	8.15-9.45	Co-ordination chemistry	Smt.P.Srujana
10.02.2023	8.15-9.45	Carbohydrates	Sri.D.Parameswara
11.02.2023	8.15-9.45	Gaseous State	Dr.V.Venkatalakshmi
12.02.2023	8.15-9.45	Spectrophotometry	Smt.P.Srujana
13.02.2023	8.15-9.45	Molecular Spectroscopy	Smt.P.Srujana



14.02.2023	8.15-9.45	Amino acids & Nitro compounds	Smt. K.Revathi
15.02.2023	8.15-9.45	Electro Chemistry	Dr.V.Venkatalakshmi
Date	Time	Topic	Faculty in charge
16.02.2023	8.15-9.45	Amino acids & Nitro compounds	Smt. K.Revathi
17.02.2023	8.15-9.45	Analytical chemistry	Dr.V.Venkatalakshmi
19.02.2023	8.15-9.45	Separation Techniques	Smt.P.Srujana
19.02.2023	9.45-11.15	Pericyclic Reactions Asymmetric Synthesis	Smt. K.Revathi
20.02.2023	8.15-9.45	Hetero cyclic compounds	Smt. K.Revathi
21.02.2023	8.15-9.45	Thermodynamics	Dr.V.Venkatalakshmi
22.02.2023	8.15-9.45	Chemical Kinetics	Dr.V.Venkatalakshmi
23.02.2023	8.15-9.45	Photo Chemistry	Smt.P.Srujana
29.01.2023	8.00-10.00	Test I	Smt.P.Srujana
05.02.2023	10.00-12.00	Test II	Smt. K.Revathi
26.02.2023	8.00-11.00	Grand Test	Dr.P.Suguna

*V.Venkatalakshmi*



**S.G.S ARTS COLLEGE: TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**  
**PGCET COACHING FOR THE ACADEMIC YEAR 2022-23**  
**NOTICE**

**25-01-2023**

Students of PGCET coaching are informed that the test schedule for PGCET coaching is as shown below.

Test-1 : 29-01-2023  
Test-2 : 05-02-2023  
Grand test : 26-02-2023

V. V. V.

**S.G.S ARTS COLLEGE**  
**STUDENT FEED BACK REPORT**

**STUDENT FEED BACK FORM:**

Date:

Academic year: 2022-23

Semester: V

Name of the programme :

Coaching for PG CET

Department: Chemistry

If you have attended our PG CET coaching classes we encourage you to submit feedback for us. This will help us to improve our future sessions and better meet the needs of our faculty.

S.NO	CRITERIA	RATING				
1	Content of the programme	Very poor	Poor	Average	Good	Excellent
2	Presentation style & delivery	Very poor	Poor	Average	Good	Excellent
3	Was it motivating	Very little	Less	Average	Lots	Too much
4	was the time given for questions	Very little	Less	Average	Lots	Too much
5	Was it useful for future	Very useless	Useless	Average	Useful	Very much
6	To What extent you have learnt from this programme	Very little	Less	Average	Lots	Too much
7	What is your all rating to this programme	Very poor	Poor	Average	Good	Excellent

**General Comments:**

It has motivated me to study well.

**Students Signature:**

**Date:** 02-03-2023

1. G. Mahesh

2. C. Mohan

## REGISTER OF ATTENDANCE

 $2\frac{3}{4}, 2\frac{1}{4}, 2\frac{1}{2}, 2\frac{1}{8}, 1\frac{3}{4}, 3\frac{1}{4}, 2\frac{1}{2}, \frac{1}{2}, 2\frac{1}{2}, 3\frac{1}{4}, 4\frac{1}{4}$ 

SIGNATURE OF THE TEACHER

A.M.

A.M.

P.M.

11

KR - K. K. K.



LEARNERS - PG CET

FOR THE MONTH OF 20

Timings: 8:15 AM to 9:45 AM

501 HAD TRADERS

PROBATION

OF 08564 202266

5/2 234 241

50M 50M 100M

CT-1 CT-2 GT

P45 P46 P47

P41 P43 P44

P46 P45 P44

P46 P43 P40

P43 P49 P47

P43 P45 P47

P41 P43 P41

P46 P43 P41

P44 P46 P40

A4 P40 A4

P43 P45 P40

P43 P40 P41

P45 P43 P41

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## PHOTO GALLERY

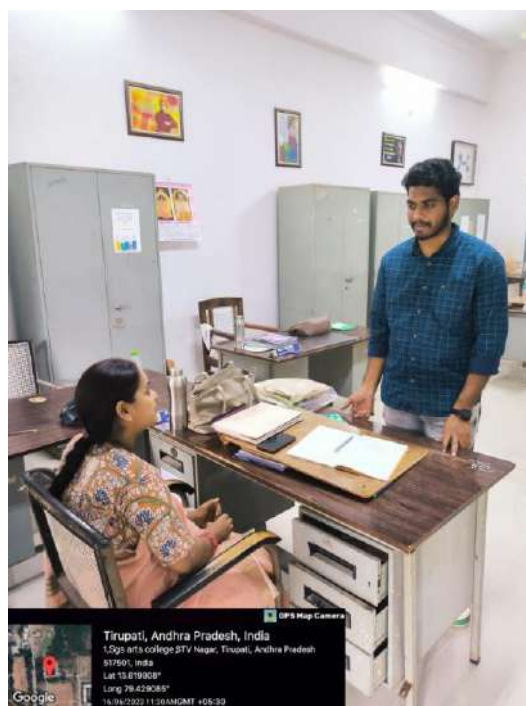
### INTENSIVE COACHING FOR PG CET IN CHEMISTRY



## CONDUCTION OF EXAMINATIONS





## CAREER GUIDANCE TO K.PAVAN KUMAR BY CHEMISTRY FACULTIES





## EVIDENCES

	<b>APPGCET – 2023</b> <b>Post Graduation Admissions</b> <b>( Conducted by Andhra University, Visakhapatnam on behalf of APSCHE )</b>		
<b>Hall Ticket No</b>	<b>30120234257</b>	<b>Rank</b>	<b>1993</b>
<b>Candidate Name</b>	<b>BURRI PAVANKALYAN</b>	<b>Father's Name</b>	<b>B MUNIRATHNAM</b>
<b>Gender</b>	<b>Male (M)</b>	<b>Caste/Region</b>	<b>BC_D/SVU</b>

PROVISIONAL ALLOTMENT ORDER( For APPGCET-2023 CANDIDATES )

This is to inform that the options exercised by the candidate have been processed based on merit, rank, local area, gender, category, Special Reservation Category (CAP/PH/NCC/SPORTS) etc and the candidate has been allotted a seat in

**Vikrama Simhapuri University College-Nellore (University Campus), (VSUN), NELLORE**  
**in M.Sc. Food Technology, (PG081), under BC\_A\_GEN\_SVU category.**

**Tuition Fee fixed for the college/course is Rs. 20000/-.**

**Tuition fee to be paid by the candidate at the time of admission is Rs. 0/-.\*\***


**\*\*Tuition fee exempted under fee reimbursement category.**

Tution fee exempted under fee reimbursement category the students belonging to SC/ST/BC/EBC/Disabled/Minority categories will be considered for Full Reimbursement of Tuition Fee under Jagananna Vidya Deevena (RTF) scheme subject to verification and eligibility criteria prescribed by State Government of Andhra Pradesh vide G.O.M.S.NO:66 dated 08/09/2010 of Social welfare (SW.EDN.2) Dept., G.O.M.S.NO:115 dated 13/11/2019 of Social Welfare (EDN) Dept.,G.O.M.S.NO:72 dated 18/10/2014 of social welfare(SW.EDN.2) department, G.O.Ms.No.77 Social Welfaredept.,dated 25/12/2020 and relevant instructions issued by Social Welfare and Higher Education Dept., Govt. of A.P. from time to time. In the event of the candidate found not eligible for fee reimbursement at a later date, the candidate shall have to pay the total fee as prescribed by the Competent authority.




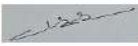
You are eligible for tuition fee reimbursement under the Jagananna Vidya Deevena Scheme. The tuition fee will be paid to your mother s bank account in four quarters. Hence, you are requested to pay the tuition fee amount within one week to the college from the date of receiving the tuition fee amount from the Government.

**Instructions to Candidates :**

1. The candidate is instructed to report by clicking on Allotment letter and Self-Reporting under Forms tab from website <https://cets.apsche.ap.gov.in> .
2. Take print out of two copies of joining report and report to the allotted college with all original certificates. Submit a copy of joining report and obtain acknowledgment on 2nd copy from the College where you have reported and retain the same with you.
3. If any candidate fails to submit valid original certificates for verification in claiming his/her qualification, caste, region and any other mandatory provisions, at the allotted college, provisional allotment of the seat will be cancelled automatically.
4. Both Self reporting and reporting at the allotted college is compulsory to retain the present allotment. The last date for Self reporting and reporting at the allotted College is 25/11/2023. Pay all necessary fees if any to the allotted college.
5. If you do not report through Self-reporting system and/or not reporting at the allotted college, the provisional allotment will be cancelled and you have no claim on the seat allotted.
6. If the academic credentials verified found false at a later date, your allotment will be cancelled and you are also liable for criminal prosecution.
7. All the Principals are requested to verify the original certificates viz caste,study, income and Degree/Equivalent certificates of the admitted candidates thoroughly and request to bring to the notice of the Convenor, APPGCET-2023 Admissions for any deviation.
8. The candidate is informed that the class work already commenced from 8/10/2023 and directed to attend the class work.





	<b>APPGCET – 2023</b> <b>Post Graduation Admissions</b> <b>( Conducted by Andhra University, Visakhapatnam on behalf of APSCHE )</b>		
<b>Hall Ticket No</b>	30120233921	<b>Rank</b>	1273
<b>Candidate Name</b>	MADARI HARI OM	<b>Father's Name</b>	MADARI ABRAHAM
<b>Gender</b>	Male (M)	<b>Caste/Region</b>	BC_B/SVU
<p style="text-align: center;"><b>PROVISIONAL ALLOTMENT ORDER( For APPGCET-2023 CANDIDATES )</b></p> <p>This is to inform that the options exercised by the candidate have been processed based on merit, rank, local area, gender, category, Special Reservation Category (CAP/PH/NCC/SPORTS) etc and the candidate has been allotted a seat in</p> <p style="text-align: center;"><b>Sri Venkateswara University, Tirupati, (SVUSSF), TIRUPATI</b>  <b>in M.Sc. Biochemistry, (PG064), under OC_GEN_SVU category.</b></p> <p style="text-align: center;"><b>Tuition Fee fixed for the college/course is Rs. 57360/-.</b></p> <p style="text-align: center;"><b>Tuition fee to be paid by the candidate at the time of admission is Rs. 0/-.**</b></p> <p><b>**Tuition fee exempted under fee reimbursement category.</b></p> <p>Tuition fee exempted under fee reimbursement category the students belonging to SC/ST/BC/EBC/Disabled/Minority categories will be considered for Full Reimbursement of Tuition Fee under Jagananna Vidya Deevena (RTF) scheme subject to verification and eligibility criteria prescribed by State Government of Andhra Pradesh vide G.O.M.S.NO:66 dated 08/09/2010 of Social welfare (SW.EDN.2) Dept., G.O.M.S.NO:115 dated 13/11/2019 of Social Welfare (EDN) Dept.,G.O.M.S.NO:72 dated 18/10/2014 of social welfare(SW.EDN.2) department, G.O.Ms.No.77 Social Welfare dept.,dated 25/12/2020 and relevant instructions issued by Social Welfare and Higher Education Dept., Govt. of A.P. from time to time. In the event of the candidate found not eligible for fee reimbursement at a later date, the candidate shall have to pay the total fee as prescribed by the Competent authority.</p> <p>You are eligible for tuition fee reimbursement under the Jagananna Vidya Deevena Scheme. The tuition fee will be paid to your mother s bank account in four quarters. Hence, you are requested to pay the tuition fee amount within one week to the college from the date of receiving the tuition fee amount from the Government.</p> <p><b>Instructions to Candidates :</b></p> <ol style="list-style-type: none"> <li>1. The candidate is instructed to report by clicking on Allotment letter and Self-Reporting under Forms tab from website <a href="https://cets.apsche.ap.gov.in">https://cets.apsche.ap.gov.in</a> .</li> <li>2. Take print out of two copies of joining report and report to the allotted college with all original certificates. Submit a copy of joining report and obtain acknowledgment on 2nd copy from the College where you have reported and retain the same with you.</li> <li>3. If any candidate fails to submit valid original certificates for verification in claiming his/her qualification, caste, region and any other mandatory provisions, at the allotted college, provisional allotment of the seat will be cancelled automatically.</li> <li>4. Both Self reporting and reporting at the allotted college is compulsory to retain the present allotment. The last date for Self reporting and reporting at the allotted College is 25/11/2023. Pay all necessary fees if any to the allotted college.</li> <li>5. If you do not report through Self-reporting system and/or not reporting at the allotted college, the provisional allotment will be cancelled and you have no claim on the seat allotted.</li> <li>6. If the academic credentials verified found false at a later date, your allotment will be cancelled and you are also liable for criminal prosecution.</li> <li>7. All the Principals are requested to verify the original certificates viz caste,study, income and Degree/Equivalent certificates of the admitted candidates thoroughly and request to bring to the notice of the Convenor, APPGCET-2023 Admissions for any deviation.</li> <li>8. The candidate is informed that the class work already commenced from 8/10/2023 and directed to attend the class work.</li> </ol>			
 			





APPGCET - 2023  
Post Graduation Admissions  
(Conducted by Andhra University, Visakhapatnam on behalf of APSCH)



Hall Ticket No	31020238871	Rank	4132
Candidate Name	CHEEMALA MOHAN	Father's Name	CHEEMALA PEDDANNA
Gender	Male (M)	Caste/Region	BC_A/SVU

PROVISIONAL ALLOTMENT ORDER (For APPGCET-2023 CANDIDATES)

This is to inform that the options exercised by the candidate have been processed based on merit, rank, local area, gender, category, Special Reservation Category (CAP/PH/NOCC/SPORTS) etc and the candidate has been allotted a seat in

Sri Venkateswara University, Tirupati, (SVUS), TIRUPATI

in M.Sc. Physical Chemistry, (PG128) under BC\_A\_GEN\_SVU category.

Tuition Fee fixed for the college/course is Rs. 18760/-.

Tuition fee to be paid by the candidate at the time of admission is Rs. 0/-."

"Tuition fee exempted under fee reimbursement category.

Tuition fee exempted under fee reimbursement category the students belonging to SC/ST/BC/EBC/Disabled/Minority categories will be considered for Full Reimbursement of Tuition Fee under Jagananna Vidya Deevena (RTF) scheme subject to verification and eligibility criteria prescribed by State Government of Andhra Pradesh vide G.O.M.S.NO:66 dated 08/09/2010 of Social Welfare (SW EDN.2) Dept., G.O.M.S.NO:115 dated 13/11/2019 of Social Welfare (EDN) Dept., G.O.M.S.NO:72 dated 18/10/2014 of Social Welfare (SW EDN.2) department, G.O.Ms.No.77 Social Welfare dept., dated 25.12.2020 and relevant instructions issued by Social Welfare and Higher Education Dept., Govt. of A.P. from time to time. In the event of the candidate found not eligible for fee reimbursement at a later date, the candidate shall have to pay the total fee as prescribed by the Competent authority.

You are eligible for tuition fee reimbursement under the Jagananna Vidya Deevena Scheme. The tuition fee will be paid to your mother's bank account in four quarters. Hence, you are requested to pay the tuition fee amount within one week to the college from the date of receiving the tuition fee amount from the Government.

Instructions to Candidates :

1. The candidate is instructed to report by clicking on Allotment letter and Self-Reporting under Forms tab from website <https://sche.ap.gov.in>.
2. Take print out of two copies of joining report and report to the allotted college with all original certificates. Submit a copy of joining report and obtain acknowledgment on 2nd copy from the College where you have reported and retain the same with you.
3. If any candidate fails to submit valid original certificates for verification in claiming his/her qualification, caste, region and any other mandatory provisions, at the allotted college, provisional allotment of the seat will be cancelled automatically.
4. Both Self reporting and reporting at the allotted college is compulsory to retain the present allotment. The last date for Self reporting and reporting at the allotted College is 10/10/2023. Pay all necessary fees if any to the allotted college.
5. If you do not report through Self-reporting system and/or not reporting at the allotted college, the provisional allotment will be cancelled and you have no claim on the seat allotted.
6. If the academic credentials verified found false at a later date, your allotment will be cancelled and you are also liable for criminal prosecution.
7. All the Principals are requested to verify the original certificates viz caste, study, income and Degree/Equivalent certificates of the admitted candidates thoroughly and request to bring to the notice of the Convenor, APPGCET-2023 Admissions for any deviation.
8. The candidate is informed that the class work shall be commenced from 6/10/2023 and directed to attend the class work.



CONVENOR





## University of New Haven

October 24, 2023

Pavan Kumar Kalavakunta  
2-10 Mittakothuru Pathapalem  
Chittoor, Andhra Pradesh 517421  
India

Congratulations, Pavan Kumar!

On behalf of our campus community and our family of over 60,000 alumni, I am delighted to inform you that you have been accepted into our **Cellular and Molecular Biology, MS** program with a Non-Thesis concentration for the **Spring 2024** term.

At the University of New Haven, we are confident you will have an exceptional graduate experience and will build a strong network necessary for success in today's highly competitive world. Our rigorous academic programs and dedicated faculty will assist you in fulfilling your career goals and will set you on the path to professional growth.

We are guided by the following core values as they are the foundational elements of our culture and how we approach issues and make decisions essential to advancing the University of New Haven Mission.

- **Student Centered:** We place their success at the center of our decisions and activities to cultivate their full potential academically and personally.
- **Engaged and Inclusive Community:** We foster and celebrate diversity, inclusion, equity and access and strive for continuous improvement of these.
- **Impactful Education:** We intentionally engage our students in experiential education to prepare them for purposeful and fulfilling lives in a global society.

To begin the process of enrolling at the University of New Haven, please complete your offer reply form within your Accepted Student Portal by November 08, 2023. Once you have received your F-1 visa (passport stamped by the US Embassy), you will need to pay an enrollment deposit of \$2,000 to ensure your seat is confirmed for your program. The enrollment deposit is \$2,000 for students living off campus or \$2,200 for students looking for on-campus residential housing. An enrollment deposit is required for all graduate students who decide to attend the University of New Haven. Your acceptance is contingent upon the receipt of all final official documents and official test scores, if applicable.

We look forward to you joining our community and wish you every success in the future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Abigail Burkhardt'.

Abigail Burkhardt  
Director of International Admissions


## Department of Microbiology

**S.G.S. ARTS COLLEGE : TIRUPATI**  
**DEPARTMENT OF MICROBIOLOGY**  
**CIRCULAR**  
**ACADEMIC YEAR 2022-2023**

01-12-2022

**S.G.S A.C / MICROBIOLOGY / 2022 / DM / 04**

The faculty members of department of Microbiology are informed that there will be a staff meeting at 9.00 A.M in the HOD chamber on 01-12-2022 to discuss about P.G CET coaching to be conducted for the final year students for the academic year 2022-2023.

S.No.	Name of the Faculty	Mobile No.	Signature
1	Dr. V. Venkatalakshmi	9492075161	
2	Dr. K. Sridevi	8919339866	

**AGENDA:**

- ☐ To discuss about P.G CET coaching to be conducted for the final year students for the academic year 2022-2023.
- ☐ To finalize schedule for the P.G CET coaching.
- ☐ To finalize timetable for the P.G CET coaching
- ☐ To discuss workload distribution for the P.G CET coaching

**MINUTES:**

- ❖ The faculty members discussed about the schedule and time table for the P.G CET coaching and made the following resolutions unanimously.
- ❖ It was planned to conduct P.G CET coaching for the final year students in the second week of December 2022.
- ❖ Smt. Dr. V. Venkatalakshmi was made Coordinator for the P.G CET coaching.
- ❖ The workload distribution for the P.G CET as shown below.
- ❖ It was planned to conduct P.G CET coaching classes at the rate of 1hr everyday from 4.00 to 5.00 PM.



S.N o	Name of the Faculty	Subject	No of Hours
1	Smt. Dr. K. Sridevi	Introduction to Microbiology & Microbial diversity & APPLIED MICROBIOLOGY	45

Signatures:

*K. Sridevi*

*V. Kumar*

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

PERMISSION LETTER

01-12-2022

FROM

Dr.K.Sridevi

Lecturer,

Department of Microbiology

SGS ARTS COLLEGE, Tirupati

TO

The Principal

SGS ARTS COLLEGE, Tirupati

Respected Sir,

**Sub:** PGCET Coaching to be undertaken III Year Microbiology students on  
01-12-2022 requesting permission-Reg


This is to be bring for your kind information that the Department of Microbiology is Conducting **PGCET COACHING** on date 01-12-2022 with III year MZC students as a part of their course curriculum.

The students and the faculty members taking part in the PGCET Coaching is mentioned in the enclosed list.

In this regard I request you to allow us to take part in the PGCET Coaching mentioned above.

Thanking you

Your faithfully,  
  
Dr. K. Sridevi

H.O.D.   
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

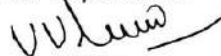
## INTIMATION

SGSAC/Microbiology dept/PGCET 2022/HOD/01

01-12-2022

All the final year students of B.Sc Microbiology are informed that coaching for P.G CET has been scheduled to commence from 05-12-2022. The classes are conducted at the rate of 1hr everyday from 4.00 to 5.00 PM, in room number 316. So, the interested students are instructed to enroll their name on or before 05-12-2022.

H.O.D of the Department



HEAD

DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

To

All teaching staff of chemistry

Department for circulation.

Department notice board

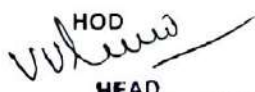
**S.G.S. ARTS COLLEGE, TIRUCHANOOR ROAD, TIRUPATI**

**Student supporting programs / Events conducted**

**Name of the department: Microbiology**

**Academic year:2022-2023**

S. No	Name of the Program/ Event	Date	Class	No. of Students Participated	Remark
1	PGCET	05-12-2022	B.Sc. MZC	07	-

HOD  
  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)



S.G.S. ARTS COLLEGE, TTD, TIRUPATI  
Department of MICROBIOLOGY  
EVENT ORGANISED REPORT-2022-2023

1	Name of the Department	Microbiology
2	Name of Event Organized	PGCET Coaching
3	Title of Event Organized	<u>PGCET Coaching – Microbiology</u>
4	Name of Coordinator of Event	Smt. Dr. K. Sri Devi
5	Class of the Participants	B.Sc. MZC
6	No. of Participants	07
7	Objective of the Event	An ability to develop critical thinking and efficiency in competitive field.
8	Outcome of the Event	To provide maximum scope for succeeding higher education in Microbiology.

*K. Sri Devi*

*[Signature]*  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

**DEPARTMENT OF MICROBIOLOGY**  
**PGCET COACHING : STUDENT NAME LIST**

Academic year :2022- 2023

S NO	CLASS	Name of the student
1	MZC	A.BALAKULAYAPPA
2	MZC	D. HARSHITHA
3	MZC	J. MONESH KUMAR
4	MZC	M. S. TASNEEM
5	MZC	M. GOWTHAM NAIK
6	MZC	T. VENKATESH
7	MZC	V. SANDHYA

*K. Sidi*

*V. S. S.*

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

## DEPARTMENT OF MICROBIOLOGY

### PGCET COACHING PLAN

PROGRAMME SCHEDULE: (WEEKLY 6HRS) VENUE : Room No.316

Day	Date	Time	Topic	Faculty Incharge
Day-01	05-12-2022	4 PM – 5 PM	INTRODUCTION TO MICROBIOLOGY AND MICROBIAL DIVERSITY & APPLIED MICROBIOLOGY	Smt. Dr. K. Sridevi
Day-02	06-12-2022	4 PM – 5 PM	CONTRIBUTIONS OF SCIENTISTS, CLASSIFICATION OF MICROORGANISMS.	Smt. Dr. K. Sridevi
Day-03	07-12-2022	4 PM – 5 PM	STERILIZATION METHODS	
Day-04	08-12-2022	4 PM – 5 PM	ULTRA STRUCTURE OF BACTERIA	Smt. Dr. K. Sridevi
Day-05	09-12-2022	4 PM – 5 PM	VIRUSES AND CLASSIFICATION	Smt. Dr. K Sridevi
Day-06	12-12-2022	4 PM – 5 PM	FUNGI, ALGAE AND PROTOZOA	Smt. Dr. K. Sridevi
Day-07	13-12-2022	4 PM – 5 PM	MICROSCOPY AND STAINING.	Smt. Dr. K. Sridevi
Day-08	14-12-2022	4 PM – 5 PM	ISOLATION AND PRESERVATION OF MICROORGANISMS	Smt. Dr. K. Sridevi
Day-09	15-12-2022	4 PM – 5 PM	MICROBIAL BIOCHEMISTRY	Smt. Dr. K. Sridevi
Day-10	16-12-2022	4 PM – 5 PM	MICROBIAL METABOLISM	Smt. Dr. K. Sridevi

Day-11	17-12-2022	4 PM – 5 PM	MICROBIAL GENETICS	Smt. Dr. K. Sridevi
Day-12	19-12-2022	4 PM – 5 PM	MOLECULAR BIOLOGY	Smt. Dr. K. Sridevi
Day-13	20-12-2022	4 PM – 5 PM	P.G MODEL TEST - 01	Smt. Dr. K. Sridevi
Day-14	21-12-2022	4 PM – 5 PM	PROTEIN SYNTHESIS	Smt. Dr. K. Sridevi
Day-15	22-12-2022	4 PM – 5 PM	CLINICAL MICROBIOLOGY	Smt. Dr. K. Sridevi
Day-16	23-12-2022	4 PM – 5 PM	MEDICAL MICROBIOLOGY	Smt. Dr. K. Sridevi
Day-17	24-12-2022	4 PM – 5 PM	ANTIMICROBIAL AGENTS	Smt. Dr. K. Sridevi
Day-18	26-12-2022	4 PM – 5 PM	VACCINES	Smt. Dr. K. Sridevi
Day-19	27-12-2022	4 PM – 5 PM	ENVIRONMENTAL MICROBIOLOGY	Smt. Dr. K. Sridevi
Day-20	28-12-2022	4 PM – 5 PM	SOLID AND LIQUID WASTE MANAGEMENT	Smt. Dr. K. Sridevi
Day-21	29-12-2022	4 PM – 5 PM	HAZARD ANALYSIS	Smt. Dr. K. Sridevi
Day-22	30-12-2022	4 PM – 5 PM	FOOD MICROBIOLOGY	Smt. Dr. K. Sridevi
Day-23	31-12-2022	4 PM – 5 PM	INDUSTRIAL PRODUCTIONS	Smt. Dr. K. Sridevi
Day-24	03-01-2023	4 PM – 5 PM	INDUSTRIAL MICROBIOLOGY	Smt. Dr. K. Sridevi
Day-25	04-01-2023	4 PM – 5 PM	P.G MODEL TEST - 02	Smt. Dr. K. Sridevi
Day-26	05-01-2023	4 PM – 5 PM	MICROBIAL DIAGNOSIS IN HEALTH CLINICS	Smt. Dr. K. Sridevi
Day-27	06-01-2023	4 PM – 5 PM	PLANT DISEASE OF BACTERIA	Smt. Dr. K.



			VIRUSES & FUNGUS	Sridevi
Day-28	07-01-2023	4 PM - 5 PM	FOODS AS A SUBTRATE FOR MICROBES	Smt. Dr.K. Sridevi
Day-29	09-01-2023	4 PM - 5 PM	FOOD SANITATION AND CONTROL	Smt. Dr.K. Sridevi
Day-30	10-01-2023	4 PM - 5 PM	SPOILAGE OF FOOD	Smt. Dr.k. Sridevi
Day-31	23-01-2023	4 PM - 5 PM	METHOD OF FOOD PRESERVATION	Smt. Dr.k. Sridevi
Day -32	24-01-2023	4 PM - 5 PM	FERMENTED FOODS	Smt. Dr.k. Sridevi
Day-33	25-01-2023	4 PM - 5 PM	MUSHROOMS,TYPES CULTIVATION	Smt. Dr.k. Sridevi
Day-34	26-01-2023	4 PM - 5 PM	MICROORGANISMS AS FOOD - SINGLE CELL PROTEIN YEAST,ALGAE,FUNGI	Smt. Dr.k. Sridevi
Day-35	27-01-2023	4 PM - 5 PM	PROBIOTICS-HEALTH BENEFITS TYPES,MICROBES USED	Smt. Dr.k. Sridevi
Day-36	29-01-2023	4 PM - 5 PM	PHISICAL AND CHEMICAL PROPERTYS OF MILK	Smt. Dr.k. Sridevi
Day-37	30-01-2023	4 PM - 5 PM	MICROBES IN MILK	Smt. Dr.k. Sridevi
Day-38	31-01-2023	4 PM - 5 PM	SOURCES OF MICROBIAL CONTAMINATION IN MILK	Smt. Dr.k. Sridevi
Day-39	01-02-2023	4 PM - 5 PM	FERMENTATION OF MILK	Smt. Dr.k. Sridevi

Day-40	02-02-2023	4 PM – 5 PM	HOST-MICROBE INTERACTIONS	Smt. Dr.k. Sridevi
Day-41	03-02-2023	4 PM – 5 PM	LIQUID AND SOLID WEAST MANAGEMENT	Smt. Dr k. Sridevi
Day-42	04-02-2023	4 PM – 5 PM	MICROBES AND POLLUTION	Smt. Dr k. Sridevi
Day-43	06-02-2023	4 PM – 5 PM	BIOFERTILIZERS- BIOPESTISIDES	Smt. Dr.k. Sridevi
Day-44	07-02-2023	4 PM – 5 PM	ROLE OF MICROBES IN MATTER DECOMPOSITION SOIL MICROBIOLOGY & SCIENTISTS	Smt. Dr. k. Sridevi
Day-45	08-02-2023	4 PM – 5 PM	GRAND TEST	Smt. Dr.k. Sridevi

*K. Sridevi*

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**DEPARTMENT OF MICROBIOLOGY**  
**PGCET COACHING CLASSES : STUDENTS ATTENDANCE**  
**Academic year : 2022 -2023**

PGCET 2022-23

Name of the Office

Attendance  
Students Absent

Register

4-5 PM

From 1st Sept to 1st Oct 2022

Sl. No.

Matr. No.

Name

Sl. No.

Name

Matr. No.

01 Chandrasekhar Babukrishna 75  
02 Chandrasekhar D. Harishtha 77  
03 Chandrasekhar T. Manish Kumar 75  
04 Chandrasekhar M. S. Suresh 73  
05 Chandrasekhar M. Suresh Reddy 74  
06 Chandrasekhar T. Venkatesh 73  
07 Chandrasekhar Y. Sandhya 73

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*K. Sridhar*

*V. Suresh*

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**S.G.S ARTS COLLEGE, TIRUPATI**

**DEPARTMENT OF MICROBIOLOGY**

**P.G.CET ENTRANCE MODEL TEST- 01**

**Antony Leeuwenhoek belongs to**

- a) Holland b) France c) United States d) Germany

**Experimentally who disproved the theory of Spontaneous generation by**  
liebig b) Spollongony c) Pasteur d) lister

**Who Discovered Vaccine against Small Pox**

- a)Edward jenner b) Louis Pasteur c) Leeuwenhoek d) liebig

**who discover microscope**

- a)Edward jenner b)pasteur c)Leeuwenhoek d) lister

**Antony Von Leuwenhoek observed tiny microbes in a pond water which is called**

- a)Bacteria b)Actinomycetes c) fungi d) very little animal clues

**who discovered fermentation by living cells**

- a)Edward jenner b) Pasteur c) winogradsky d) liebig

**By which scientist rabies vaccine was developed by**

- a) Rheedy b) jenner c) reedy d) Louis Pasteur

**Phagocytosis means**

- a)cell eating b)cell bursting c) phagocyte d) osmoregulation

**The first person to recognize the significance of bacteria & other microbes in disease**

- a)Leeuwenhoek b) kircher c) lister d) jenner

**Leuwenhoek presented his findings& observations to which society**

- a) British royal society b) university of central Missouri  
c) University of new heaven d) University of houston

**What is the temperature for holding the juices in pasteurization phenomenon**

- a)90 2°C b)61.3°C c)60.2°C d)62.8°C

**Anthrax bacillus was discovered by**

- a)Robert Koch b) liebig c) Aristotle d) Fleming

**A specific organism can always be found in association with a disease in which technique**

- a)sterilization b) preservation c) Koch postulates d) Lyophilization



4. **pebrine is caused by**  
a) fungi b) mycoplasma c) rickettsiae d) protozoa
5. **who introduced pure culture technique**  
a) Louis Pasteur b) Robert Koch c) winogradsky d) Iwanosky
6. **The growth of a mass of cells is small species in a laboratory vessel called**  
a) contaminated culture b) mixture culture c) pure culture d) none
7. **Protection against infection is called as**  
a) virulence b) immunity c) attenuation d) a virulence
8. **Attenuation means**  
a) decreased virulence b) increased virulence c) sepsis d) antibody
9. **Vaccine is a term derived from**  
a) Greek b) Latin c) German d) none
10. **what is the meaning of Vacca in Latin**  
a) cow b) horse c) dog d) snake
11. **who introduced the method of making bacteria on glass slides & staining with aniline**  
yes  
a) winogradsky b) Iwanosky c) Koch d) liebig
12. **The bacteria grow on a solid surface & it would be easy to isolate and the grow colonies called**  
a) solid medium b) liquid medium  
c) transparent medium d) semi solid medium
13. **who linked the occurrence Of bacillus in blood of infected in animals**  
a) leewenhoek b) Robert Koch c) Aristotle d) Pasteur
14. **The Institute of infected disease is Situated at**  
a) Texas b) Germany c) Berlin d) Holland
15. **Fleming antibiotics discovered by**  
a) Robert Koch b) Aristotle c) Pasteur d) Alexander Fleming
16. **Who showed the sap from the infected leaves could cause disease from the healthy plants even filtered**  
a) Mitch & calf b) Adolph Meyer c) nuttle d) Fleming
17. **The casual agent of tobacco mosaic disease was introduced by**  
a) Adolph Meyer b) Iwanosky c) Pasteur d) nuttle

1. Who developed techniques of enrichment culture for specific isolation of soil microbes  
a) Mitch & calf b) Beijerinck c) Virchow d) Watson & Crick
2. The role played by microorganism in the fixation of atmospheric nitrogen studied by  
a) Winogradsky b) Iwanosky c) Beijerinck d) Nuttle
3. The development of laboratory jar to create the natural environment for observation purpose is known as  
a) chromatography b) Winogradsky column c) both a & b d) none
4. The four bases in structure of DNA (Adenine, Guanine, cytosine)  
a) Thiamine b) uracil c) both a & b d) None
5. Endospore contains large amount of  
a) glucosamine b) lipid c) dipicolonic acid d) RNA
6. In addition to bacterial DNA, DNA may sometimes be present in microbial cells  
a) chromosome b) plasmid c) mitochondria d) flagella
7. Plasmids are circular molecules capable of autonomous replication in a cell  
a) lipid b) RNA c) protein d) DNA
8. New pieces of DNA can be inserted into a DNA molecule in a process called  
a) recombination b) binary fission c) multiplication d) None of these
9. Complement fixation test was discovered by  
a) Lister b) Bordet c) Henry d) Hesse
10. Who suggested Agar use as a solidifying material for microbiological media  
a) Aristotle b) Hesse c) Ehrlich d) Tyndall
11. Development of Fractional Sterilization to kill spores is called as  
a) sterilization b) autoclaving c) ionization d) Tyndallization
12. Rocky mountain spotted fever transmitted by  
a) wood tick b) mites c) mosquito d) Aedes
13. Which test is used to detect the Syphilis  
a) neutralization b) Wassermann reaction c) Hyper sensitivity d) none of these

41. The discovery of Bacteriophage by

a) Twort & d'Herelle b) Tyndall c) Bordet d) Ricchets

42. Gram +ve bacteria has cell wall that contain \_\_\_ they are not found in -ve bacteria

a) nucleic acids b) petransposons c) tichoic acids d) lipopolysaccharides

43. ATCC stands for

a) Argentina type Culture collection b) Australian type culture collection

c) American type culture collection d) none of these

44. In bright field microscopy, the microscopic field is brightly lightened & the micro

organisms appear dark because \_\_\_\_\_ some of the light

a) emission b) absorption c) adsorption d) transmission

45. The ability to distinguish two adjacent points distinct & separate is called

a) magnification b) resolving power c) both a & b d) none

46. The bacterial cells that have combined with labelled antibody will be visible in the

microscopic preparation & the phenomenon is termed

a) phosphorescence b) luminance c) immunofluorescence d) none

47.  $1\text{A}^\circ$  is equivalent to

a)  $10^{-4}$  b)  $10^{-6}$  c)  $10^{-7}$  d)  $10^{-1}$

48. Christian Gram in which year introduced the Gram staining technique

a) 1884 b) 1894 c) 1874 d) 1864

49. Mycobacterium is a

a) acid fast b) non acid fast c) both a & b d) none

50. Peritrichous flagella means

a) A single polar flagella

b) cluster of polar flagella c) both ends of flagella d) surrounded by flagella

**ANSWER KEY : MODEL TEST - 01**

1)A 2)B 3)A 4)C 5) D 6)B 7) D 8)A 9) B 10) A 11) D 12)A 13)C 14)D 15)B  
16)C 17)D 18)A 19)D 20)A 21)C 22) A 23)B 24)C 25)D 26)B 27)B  
28)B 29)A 30)B 31)A 32)C 33)B 34)D 35)A 36)B 37)B 38)D 39)A  
40)B 41)A 42)C 43)C 44)B 45)B 46)C 47)D 48)A 49)A 50)D



D. Harshitha

45  
20

## S.G.S ARTS COLLEGE, TIRUPATI

DEPARTMENT OF MICROBIOLOGY

P.G.CET ENTRANCE MODEL TEST- 01

Antony Leeuwenhoek belongs to

- a) Holland b) France c) United States d) Germany

Experimentally who disproved the theory of Spontaneous generation by  
Liebig b) Spallanzani c) Pasteur d) Lister

Who Discovered Vaccine against Small Pox

- a) Edward Jenner b) Louis Pasteur c) Leeuwenhoek d) Liebig

Who discovered microscope

- a) Edward Jenner b) Pasteur c) Leeuwenhoek d) Lister

Antony Von Leeuwenhoek observed tiny microbes in a pond water which is called

- a) Bacteria b) Actinomycetes c) Fungi d) Very little animalcules

Who discovered fermentation by living cells

- a) Edward Jenner b) Pasteur c) Winogradsky d) Liebig

By which scientist rabies vaccine was developed by

- a) Remy b) Jenner c) Reed d) Louis Pasteur

Phagocytosis means

- a) Cell eating b) Cell bursting c) Phagocyte d) Osmoregulation

The first person to recognize the significance of bacteria & other microbes in disease

- a) Leeuwenhoek b) Kircher c) Lister d) Jenner

Leeuwenhoek presented his findings & observations to which society

- a) British Royal Society b) University of Central Missouri  
c) University of New Haven d) University of Houston

What is the temperature for holding the juices in pasteurization phenomenon

- a) 90.2°C b) 61.3°C c) 60.2°C d) 62.8°C

Anthrax bacillus was discovered by

- a) Robert Koch b) Liebig c) Aristotle d) Fleming

A specific organism can always be found in association with a disease in which technique

- a) Sterilization b) Preservation c) Koch postulates d) Lyophilization

Pebrine is caused by

- a) fungi b) mycoplasma c) rickettsiae d) protozoa

who introduced pure culture technique

- a) Louis Pasteur b) Robert Koch c) Winogradsky d) Iwanosky

The growth of a mass of cells is small species in a laboratory vessel

- a) contaminated culture b) mixture culture c) pure culture d) none

Protection against infection is called as

- a) virulence b) immunity c) attenuation d) a virulence

Attenuation means

- a) decreased virulence b) increased virulence c) sepsis d) antibody

Vaccine is a term derived from

- a) Greek b) Latin c) German d) none

what is the meaning of Vacca in Latin

- a) cow b) horse c) dog d) snake

who introduced the method of making bacteria on glass slides & staining with aniline

- a) Winogradsky b) Iwanosky c) Koch d) Liebig

The bacteria grow on a solid surface & it would be easy to isolate and the grow colonies called

- a) solid medium b) liquid medium  
c) transparent medium d) semi solid medium

who linked the occurrence of bacillus in blood of infected in animals

- a) Leewenhoek b) Robert Koch c) Aristotle d) Pasteur

The Institute of infected disease is situated at

- a) Texas b) Germany c) Berlin d) Holland

Fleming antibiotics discovered by

- a) Robert Koch b) Aristotle c) Pasteur d) Alexander Fleming

Who showed the sap from the infected leaves could cause disease from the healthy plants even filtered

- a) Mitch & calf b) Adolph Meyer c) Nuttle d) Fleming

The casual agent of tobacco mosaic disease was introduced by

- a) Adolph Meyer b) Iwanosky c) Pasteur d) Nuttle

36. Who developed techniques of enrichment culture for specific isolation of soil microbes  
a) Mitch & calf b) Beijerinck c) Virchow d) Watson & Crick
37. The role played by micro organism in the fixation of atmospheric nitrogen studied by  
a) Winogradsky b) Iwanosky c) Beijerinck d) Nuttle
38. The development of laboratory jar to create the natural environment for observation purpose is known as  
a) chromatography b) Winogradsky column c) both a & b d) none
39. The four basis in structure of DNA (Adenine, Guanine, cytosine)  
a) Thiamine b) uracil c) both a & b d) None
40. Endospore contains large amount of  
a) glucosamine b) lipid c) dipicolonic acid d) RNA
41. In addition to bacterial DNA, DNA may sometimes be present in microbial cells  
chromosome b) plasmid c) mitochondria d) flagella
42. Plasmid are circular molecules capable of autonomous replication in a cell  
lipid b) RNA c) protein d) DNA
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16)C 17)D 18)A 19)D 20)A 21)C 22) A 23)B 24)C 25)D 26)B 27)B  
28)B 29)A 30)B 31)A 32)C 33)B 34)D 35)A 36)B 37)B 38)D 39)A  
40)B 41)A 42)C 43)C 44)B 45)B 46)C 47)D 48)A 49)A 50)D

100% the

93  
100

**S.G.S ARTS COLLEGE, TIRUPATI**

DEPARTMENT OF MICROBIOLOGY - 2022-2023  
P.G Entrance Grand test

1. According to Pasteur statements which one of the following is true
  - a. ☒ Living organisms discriminate between stereoisomers
  - b. Fermentation is an aerobic process
  - c. Living organisms doesn't discriminate between stereoisomers
  - d. Both a and b
2. "I found floating therein earthly particles, some green streaks, spirally wound serpent-wise, and orderly arranged, the whole circumstance of each of these streaks was about the thickness of a hair on one's head" .... These words are of
  - a. ☒ Leeuwenhoek
  - b. A. Jenner
  - c. Pasteur
  - d. Koch
3. The principal light- trapping pigment molecule in plants, Algae, and cyanobacteria is
  - a. ☒ Chlorophyll a
  - b. Chlorophyll b
  - c. Porphyrin
  - d. Rhodapsin
4. During Bio Geo chemical cycle some amount of elemental carbon was utilized by the microorganisms. The phenome- non is called as
  - a. Dissimilation
  - b. ☒ Immobilization
  - c. Decomposition
  - d. Neutralization
5. Who demonstrated that open tubes of broth remained free of bacteria when air was free of dust?
  - a. Abbe Spallanzani
  - b. ☒ John Tyndall
  - c. Francisco Redi
  - d. Pasteur
6. Reverse isolation would be appropriate for
  - a. ☒ a patient with tuberculosis
  - b. a patient who has had minor surgery
  - c. a patient with glaucoma
  - d. a patient with leukemia
7. The symptom "general feeling of illness and discomfort" is called
  - a. Cystitis
  - b. ☒ Malaise
  - c. Anaphylactic shock
  - d. Arthritis
8. On soybean which of the following forms symbiotism
  - a. Azotobactor paspali
  - b. Rhizobium
  - c. ☒ Nostoc
  - d. Bradyrhizobium
9. Who provide the evidence that bacteriophage nucleic acid but not protein enters the host cell during infection?
  - a. Alfred D. Hershey & Leonard Tatum in 1951.
  - b. Alfred D. Hershey & Zindar Lederberg in 1951.
  - c. ☒ Alfred D. Hershey & Martha Chase in 1952.
  - d. Alfred D. Hershey & Macleod in 1952.

10. **Spirulina belongs to**
  - a. Xanthophyceae
  - b. ☒ Cyanophyceae
  - c. Rhodophyceae
  - d. Pheophyceae
11. **The first antibody to contact invading microorganisms was**
  - a. IgG
  - b. ☒ IgM
  - c. IgA
  - d. IgD
12. **The light emitted by luminescent bacteria is mediated by the enzyme**
  - a. Coenzyme Q
  - b. ☒ Luciferase
  - c. Lactose dehydrogenase
  - d. Carboxylase reductase
13. **Pick out the vector using in human Genome project**
  - a. Phagemid vector
  - b. ☒ Yeast artificial chromosomes
  - c. Cosmid vectors
  - d. Yeast episomal plasmids
14. **Salt and sugar preserve foods because they**
  - a. Make them acid
  - b. Produce a hypotonic environment
  - c. Deplete nutrients
  - d. ☒ Produce a hypertonic environment
15. **In a fluorescent microscope the objective lens is made of**
  - a. Glass
  - b. Quartz
  - c. ☒ Polythene
  - d. None of these
16. **Fixation of atmospheric nitrogen is by means of**
  - a. Biological process
  - b. ☒ Lightning
  - c. Ultraviolet light
  - d. ☒ All of the above
17. **Which one of the following fungi is the most serious threat in a bone marrow transplant unit?**
  - a. Candida albicans
  - b. ☒ Aspergillus
  - c. Blastomyces
  - d. Cryptococcus
18. **Direct microscopic count can be done with the aid of**
  - a. ☒ Neuberg chamber
  - b. Anaerobic chamber
  - c. Mineral oil
  - d. Olive oil
20. **The image obtained in a compound microscope is**
  - a. Real
  - b. ☒ Virtual
  - c. Real inverted
  - d. Virtual inverted
21. **Enzymes responsible for alcoholic fermentation**
  - a. Ketolase
  - b. ☒ Zymase
  - c. Peroxidase
  - d. Oxidase
22. **Serum sickness reaction was discovered by**
  - a. Marrice Arthus
  - b. Von perquit
  - c. ☒ Richet
  - d. Porter
23. **Hybridoma technique was developed by**
  - a. ☒ Kochler & Milston
  - b. Niel's Jerne
  - c. Both a and b
  - d. None of these
24. **Disease that effects many people at different countries is termed as**
  - a. Sporadic
  - b. ☒ Pandemic
  - c. Epidemic
  - d. Endemic
25. **If the vectors transmit the infection mechanically they are called**
  - a. Biological vectors
  - b. ☒ Mechanical vectors
  - c. Biological reservoir
  - d. Both a and c
26. **If a person can be infected by direct contact with infected tissue of another person, it is termed as**
  - a. Indirect contact transmission
  - b. ☒ Attachment
  - c. Direct contact transmission
  - d. None of these
27. **Reduction of virulence is known as**
  - a. ☒ Exaltation
  - b. Attenuation
  - c. Both a and b
  - d. None of these
- 28.
- 29.

30. Enhancement of virulence is known as

- a. Exaltation
- b. Attenuation
- ☒ c. Both a and b
- d. None of these

31. The virulence of a pathogen is usually measured by

- a. LD
- ☒ b. MLD
- c. ID
- d. All of the above

32. The lethal dose required to kill 50% of the lab animals tested under standard called

- ☒ a. ID
- b. LD<sub>50</sub>
- c. ID<sub>50</sub>
- d. MLD

33. The most important virulence factors are

- a. Adhesions
- ☒ b. Invasiveness
- c. Toxigenicity
- d. Enzymes
- e. All of the above

34. The ability of a pathogen to spread in the host tissues after establishing the infection is known as

- a. Adhesion
- ☒ b. Invasiveness
- c. Toxigenicity
- d. None of these

35. Which of the following enzyme acts as a spreading factor?

- ☒ a. Hyaluronidase
- b. Coagulase
- c. Catalase
- d. DNase

36. Vibrio Cholerae was discovered by

- a. Koch
- ☒ b. Metchnikoff
- c. John Snow
- d. Virchow

37. E.coli was first isolated by

- a. Louis Pasteur
- ☒ b. Escherich
- c. Shiga
- d. Robert Koch

38. Mycobacterium tuberculosis was first discovered by

- a. Robert Koch
- ☒ b. Edward Jenner
- c. Louis Pasteur
- d. None of these

39. Mycobacterium lepre was discovered by

- a. Robert Koch
- ☒ b. Hansen

- c. Edward Jenner
- d. Louis Pasteur

40.

41. Streptococcus pneumoniae was isolated by

- a. Robert Koch
- b. Edward Jenner
- ☒ c. Antony von Leewenhock
- d. Louis Pasteur

42. B.anthraxis was isolated by

- a. Louis Pasteur
- b. Robert Koch
- ☒ c. Antony von Leewenhock
- d. None of these

43. Staphylococcus aureus was isolated by

- ☒ a. Rosenbach
- b. Louis Pasteur
- c. Passet
- d. Sir Alexander Ogston

44. Pseudomonas aeruginosa was first named

- a. Schroeter and Gessard
- b. Robert Koch
- c. Louis Pasteur
- ☒ d. Edward Jenner

45. Immunity is life long following

- a. Diphtheria
- ☒ b. Tetanus
- c. Measles
- d. Yellow fever

46. To prepare vaccine for small pox, the material used by Edward Jenner is

- a. Small pox material
- ☒ b. Chicken pox material
- c. Cow-pox material
- d. Measles material

47. During recombination, the strain that donates genetic material frequently with high rate:

- a. Hfr-Strain
- b. F<sup>+</sup>-Strain



- ☒ F-Strain                      d. both a and c                      c. IgM                      d. IgE
48. The character acquired by the cell due to recombination is  
 a. Inheritable                      b. Syppressed  
 c. ☒ Dominating                      d. Heritable
49. T-cells are produced from  
 a. Bonemarrow                      b. Thymus  
 c. Spleen                      d. None of these
50. Antibodies are produced from  
 a. ☒ T-cells                      b.  $\Delta$ -cells  
 c. NK cells                      d. Eosinophils
51. Incomplete antigens are called  
 a. Immunogens                      b. ☒ Epitomes  
 c. Haptens                      d. Paratope
52. To be antigen, the chemical molecule (protein) needs  
 a. High molecular weight  
 b. Chemical complexity  
 c. Both a and b  
 d. ☒ None of these
53. The parts which filter lymph are  
 a. Lymph nodes                      b. Spleen  
 c. Thymus                      d. Bone marrow
54. The primary cells involved in immune response are  
 a. ☒ NK-cells                      b. K-cells  
 c. Lymphocytes                      d. None of these
55. Plasma cells are the end cells of  
 a. T-cells                      b.  $\beta$ -cells  
 c. ☒ Killer cells                      d. Nk-cells
56. Basophils have receptors for antibodies  
 a. IgG                      b. ☒ IgA  
 c. IgM                      d. IgE
57.                      59.
58.                      60.

61. Because of denaturation, antigens become functionless, these are called:

- a. Cross-reactive antigens
- b. Epitopes
- c. Hidden epitopes
- d. ☒ Forssman antigens

62. Capacity of antigen to breakdown into small fragments each with a single epitopic region is known as

- a. ☒ Solubility
- b. Foreignness
- c. Denaturation
- d. None of these

63. Antigenic specificity is due to

- a. ☒ Chemical complexity
- b. Solubility
- c. Steric configuration
- d. All of these

64. Antibodies are

- a. ☒ Proteins
- b. Glycoproteins
- c. Phospholipids
- d. None of these
- b. IgA
- b. IgG
- c. IgM
- d. IgD

65. Antibody present in colostrums is

- a. IgG
- b. IgA
- c. IgM
- d. ☒ IgE

66. Which antibody is called millionaire molecule?

- a. IgA
- b. IgM
- c. ☒ IgG
- d. IgD

67. IgE is discovered by

- a. Ishizaka
- b. ☒ Porter
- c. Richet
- d. None of these

61. which of the following pathogenic group cause poliomyelitis

- a. Helminths.
- b. protozoans.
- c. bacteria.
- d. ☒ viruses

62. Enveloped viruses have a \_\_\_\_ shape

- a. ☒ Icosahedral.
- b. Helical.
- c. Hexagonal.
- d. Roughly spherical

63. Type of nucleic acid of polio virus is

- a. ☒ ssRNA.
- b. dsRNA.
- c. ssDNA.
- d. dsDNA

64. Acidic fruits are more likely to be spoiled by

- a. Psychrophiles
- b. Thermophiles.
- c. ☒ Fungi.
- d. Bacteria

65. Most spoilage bacteria grows at \_\_\_\_\_

- a. Acidic.
- b. Basic.
- c. ☒ Neutral.
- d. None

66. Which of the following is a bullet shaped virus

- a. ☒ Rabies.
- b. Pox.
- c. Polio.
- d. Adeno

67. Malate dehydrogenase enzyme is a

- A. Transferase.
- B. Hydrolase.
- C. Isomerase.
- D. ☒ Oxido reductase

68. Bird flu disease is caused by

- A. ☒ Avian influenza virus.
- B. Human influenza virus
- C. Avian flu virus.
- D. Human flu virus

69. DNA replicate during

- A. G1- phase.
- B. ☒ S-phase.
- C. G2-phase.
- M-phase

70. The virus associated with fungi

- A. ☒ Mycophages.
- B. Pathogens.
- C. Cyanophages.
- D. None

71. Plant viruses were first classified by  
A. Stanley. B. Johanson. ☒ C. Iwanowski.  
D. Ahwoff

72. Cancer of epithelial cells is called  
A. Sarcoma. B. Carcinoma. C. Leukemia.  
D. None

73. DNA replication is by the mechanism by  
A. Conservative. ☒ B. Semi conservative. C.  
Dispersive. D. None

74. Rabies is a lethal form of  
A. Enteritis. B. Encephalitis. C. Meningitis.  
D. Hepatitis

75. Example for rod shaped virus is  
A. Adeno virus. B. TMV. C. Poliovirus. D.  
Rhabdo virus

76. Nucleic acid contain  
A. Alanine. ☒ B. Adenine. C. Lysine. D.  
Arginine

77. The type of fungi commonly used as food  
is  
A. Yeast. B. Mushrooms. ☒ C. Both A&B. D.  
None

78. Fermentation process was discovered by  
A. Fleming. B. Gay-lussac.  
☒ C. Leeuwenhoek. D. Calvin

79. In E.coli att site is in between  
☒ A. Gal and biogenes. B. Bio and niacin genes  
C. Gal and B gene. D. None

80. Basic raw material that can be used in  
fermentation  
A. Milk. ☒ B. Cereal.

C. Fruits. D. All the above

81. The most serious food borne disease  
A. Dysentery. B. Tetanus.  
☒ C. Botulism. D. Gas gangrene

82. An example for obligate parasitic  
organism  
A. Measles. B. Influenza. C. Rota. ☒ D. Rabi

83. Mycotoxins are produced by  
A. ☒ Molds. B. Bacteria.  
C. Virus. D. Dead bacteria

84. Viruses cannot be cultivated in  
☒ A. Blood agar. B. Tissue culture.  
C. Live animals. D. Bird embryos

85. Sulfur strinked spoilage is caused by  
A. Bacillus species. B. C. nigrificans.  
C. Clostridium ☒ D. C. thermosaccharolyticum

86. Mumps disease is caused by  
A. Retro virus. ☒ B. Paramyxo virus.  
C. Orthomyxo virus. D. Rhabdo virus

87. Yeast is used for the production of  
A. Citric acid. B. Tartaric acid.  
☒ C. Ethanol. D. Butanol

88. Interferons are  
A. Antibacterial. B. Antiviral.  
C. Antifungal. D. Antiprotozoan

89. Viruses infecting blue green algae are  
A. Cyanophages. B. Mycophages.

Bacteriophage. D. Blue green phages

Envelope is commonly present in  
Bacteriophage. B. Plant viruses  
Animal viruses. D. Mycoviruses

DNA fingerprinting is based on  
Repetitive sequence. B. Unique sequence  
Amplified sequence. D. Non coding sequence

Viruses are inactivated by  
Sunlight. B. UV rays.  
Ionising radiation. D. None

The length of each coil in DNA strand is  
15A°. B. 34A°. C. 30A°. D. 5A°

Enzyme responsible for fermentation is  
Amylase. B. Lipase. C. Zymase. D. Ligase  
M

95. Double stranded RNA is seen in

A. Reo virus B. Rhabdo virus  
C. Parvo virus D. Retro virus

96. HIV VIRUS was discovered by

A. Herelle & twort B. Pirie & bawden  
C. Gallow & montagnier D. Lederberg & tatum

97. Test used for AIDS is

A. Widal test. B. ELISA.  
C. Agglutination. D. CFT

98. Dehydration is a method of

A. Spoiling food. B. Preserving food.  
C. Freezing food. D. None

99. Reagenic type antibody is

A. IgG. B. IgA. C. IgM. D. IgE

100. Analysis of protein antigen is by

A. Southern blotting. B. Northern blotting  
C. Western blotting. D. Eastern blotting



# ANSWER KEY : GRAND TEST

1.a	11.b	21.b	31.b	41.c	51.b	61.d	71.b	81.c	91.b
2.a	12.c	22.c	32.a	42.c	52.d	62.a	72.b	82.d	92.d
3.a	13.b	23.a	33.b	43.a	53.c	63.a	73.b	83.a	93.b
4.b	14.d	24.b	34.b	44.d	54.a	64.c	74.a	84.a	94.c
5.b	15.c	25.c	35.a	45.b	55.c	65.c	75.a	85.d	95.a
6.a	16.d	26.b	36.b	46.b	56.b	66.a	76.b	86.b	96.c
7.b	17.b	27.a	37.d	47.c	57.b	67.d	77.c	87.c	97.b
8.d	18.a	28.d	38.b	48.c	58.b	68.a	78.b	88.b	98.b
9.c	19.b	29.b	39.b	49.a	59.b	69.b	79.a	89.a	99.d
10.b	20.b	30.e	40.a	50.c	60.a	70.a	80.d	90.c	100.c

## **5. Group Discussion**

The institute encourage the advance learners to participate in group discussions which enhance their critical thinking, Understanding ability, Communication skills management skills through the use of roles within the groups and assessment skills involved in assessing options to make decision about their group's final answers.

**DEPARTMENT OF MICROBIOLOGY**

**CONDUCT OF GROUP DISCUSSION**

1. YEAR: 2022-2023
2. DATE: 04-01-2023
3. CLASS: I MZC
4. CONDUCTED BY: Dr. K. Sridevi.
5. TOPIC: MICROBIAL METABOLISM AND PHYSIOLOGY
6. OBJECTIVES: To evaluate the speaking ability, thinking and listening skills and logical approach to the particular matter.

REPORT/OUTCOME: Students increase self-confidence, improve communication skills and develop competitive spirit.

SIGNATURE OF TEACHER.

SIGNATURE OF HOD.

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. Prudvi 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





## DEPARTMENT OF ZOOLOGY

2022-23

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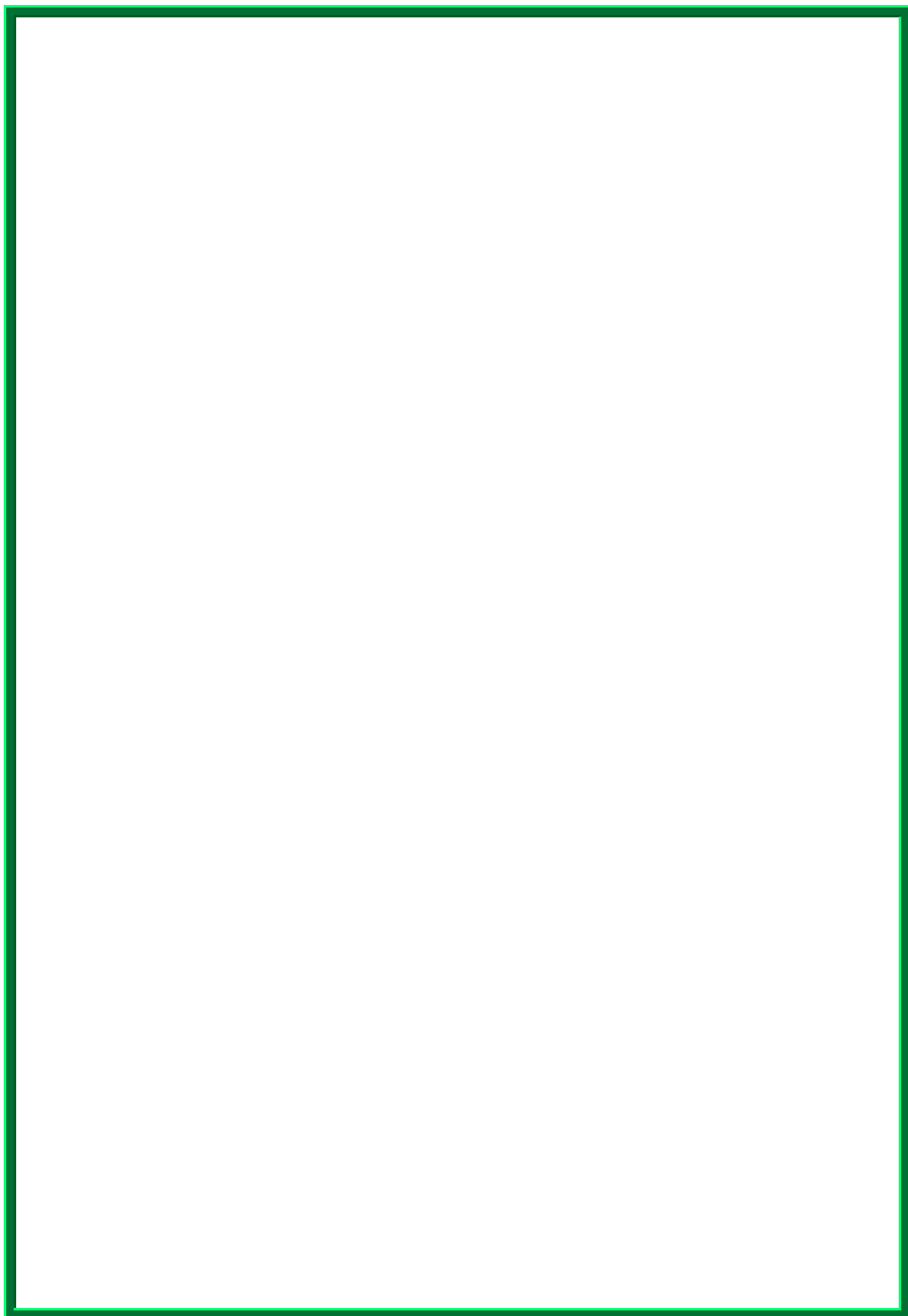
DEPARTMENT OF ZOOLOGY

2022-23

### GROUP DISCUSSION

GROUP DISCUSSION		
Academic Year 2022-2023		
S No	Names	Details
1	Name of the Department	Zoology
2	Date of the seminar conducted	19-04-2023
3	Topic	Primary & Secondary Lymphoid Organs
4	Minute	.The primary lymphoid organs are bone marrow and thymus where immature lymphocytes differentiate into antigen sensitive lymphocytes. The secondary lymphoid organs are spleen, lymph nodes, tonsils. Payer's patches of small intestine and appendix
5	No of Students attended	85
6	No of Faculty attended	2
7	Feedback	1. Knowledge and awareness of basics in primary & secondary lymphoid organs 2.To get a knowledge on the functions they does.

  
HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

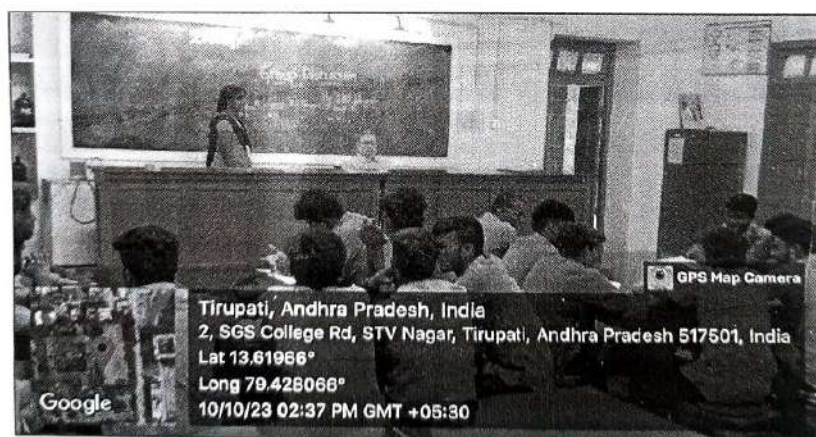


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DEPARTMENT OF **ZOOLOGY**

2022-23

Group Discussion Conducted on 19 APRIL, 2023 on Primary & Secondary Lymphoid Organs



*[Signature]*  
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# S G S ARTS COLLEGE, TIRUPATI

## DEPARTMENT OF ZOOLOGY

2022-23

### NAME OF THE STUDENTS WHO PARTICIPATED

S.G.S. ARTS COLLEGE, TIRUPATI  
DEPARTMENT OF ZOOLOGY, 2022-23  
II B.Sc. M/C Semester IV  
STUDENTS NAMES LIST  
GROUP DISCUSSION ON PRIMARY & SECONDARY LYMPHOID ORGANS  
DATE: 19-04-2023

S.NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
01	0322008261	A.Nikhil	A. Nikhil
02	0322008262	B.Bhavya	B. Bhavya
03	0322008264	B.Umesh	B. Umesh
04	0322008266	D.Siddesh	D. Siddesh
05	0322008267	B.Venkatash	B. Venkatash
06	0322008268	C.Siva	C. Siva
07	0322008269	D.Hemanth	D. Hemanth
08	0322008270	E.Bhargavi	E. Bhargavi
09	0322008272	G.Madhu	G. Madhu
10	0322008274	H.Ajay Kumar	H. Ajay Kumar
11	0322008275	K.Chiranjeevi	K. Chiranjeevi
12	0322008277	K.Lakshmi Narayan	K. Lakshmi Narayan
13	0322008279	K.Upendra Reddy	K. Upendra Reddy
14	0322008281	M.Pavankalyan	M. Pavankalyan
15	0322008282	M.Dinesh	M. Dinesh
16	0322008284	M.Gajendra Naik	M. Gajendra Naik
17	0322008286	M.Nithish Koushik	M. Nithish Koushik
18	0322008285	M.Baby Priyanka	M. Baby Priyanka
19	0322008287	N.Vishnu Vardhan	N. Vishnu Vardhan
20	0322008289	P.Abhishek	P. Abhishek
21	0322008290	P.Amrutha Raj	P. Amrutha Raj
22	0322008291	P.Ramya	P. Ramya
23	0322008292	P.Mahesh	P. Mahesh
24	0322008293	P.v.Nynakshitha	P. v. Nynakshitha
25	0322008295	R.Vasavi	R. Vasavi
26	0322008294	R.Divya	R. Divya
27	0322008296	S.Sathish	S. Sathish
28	0322008298	B.Sonuprakash Naik	B. Sonuprakash Naik
29	0322008299	T. Anil	T. Anil
30	0322008300	T.Nivecha	T. Nivecha
31	0322008301	T.p. Nikhil	T. p. Nikhil
32	0322008302	V.c.Triveni	V. c. Triveni

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HEAD  
Department of Zoology  
S.G.S. Arts College

S.G.S ARTS COLLEGE TIRUPATI  
DEPARTMENT OF ZOOLOGY 2022-23

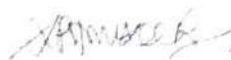
B.B.Sc./Semester - IV

STUDENTS NAMES LIST

GROUP DISCUSSION ON PRIMARY & SECONDARY LYMPHOID ORGANS

DATE : 19-04-2023

S.NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
1.	0322008037	B Jagadeesh	B Jagadeesh
2.	0322008041	E.Rajesh	E.Rajesh
3.	0322008043	G.Jyoshna	G.Jyoshna
4.	0322008044	G.karthik	G.karthik
5.	0322008045	G.manoharbabu	G.manoharbabu
6.	0322008047	K.Hemakumar	K.Hemakumar
7.	0322008049	K.Raju	K.Raju
8.	0322008050	K.sangeetha	K.sangeetha
9.	0322008279	K.tejaswini	K.tejaswini
10.	0322008052	K.Harilingadu	K.Harilingadu
11.	0322008054	K.vinodkumar	K.vinodkumar
12.	0322008055	M.Raju	M.Raju
13.	0322008056	M.supriya	M.supriya
14.	0322008057	M.bhoomika	M.bhoomika
15.	0322008058	M.vasu Deva reddy	M.vasu Deva reddy
16.	0322008059	P.vanishree	P.vanishree
17.	0322008060	P.Lavanya	P.Lavanya
18.	0322008062	S.Ahmad Ali	S.Ahmad Ali
19.	0322008065	T.Teja	T.Teja
20.	0322008066	M.vansha	M.vansha
21.	0322008067	Y.prameela	Y.prameela
22.	0322008068	Y.Ganga Devi	Y.Ganga devi



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S.G.S ARTS COLLEGE TIRUPATI

DEPARTMENT OF ZOOLOGY, 2022-23

IB.Sc MZC Semester : II

STUDENTS NAMES LIST

GROUP DISCUSSION ON PRIMARY & SECONDARY LYMPHOID ORGANS

DATE: 19-04-2023

S.NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
1.	0323008151	B. PrudhNaik	B. PrudhNaik
2.	0323008152	C. Ramprasad	C. Ramprasad
3.	0323008153	C. Bharath Simha	C. Bharath Simha
4.	0323008154	D. Madhan	D. Madhan
5.	0323008156	G. Vidyasagar	G. Vidyasagar
6.	0323008157	G. Sivateja	G. Sivateja
7.	0323008158	G. Dileepkumar	G. Dileepkumar
8.	0323008159	G. Ganesh	G. Ganesh
9.	0323008160	K. ISHMAQ ALI	K. ISHMAQ ALI
10.	0323008161	M. Sreenivasulu	M. Sreenivasulu
11.	0323008162	M. Saiiram	M. Saiiram
12.	0323008163	M. Sasidhar Naik	M. Sasidhar Naik
13.	0323008166	P. Suresha	P. Suresha
14.	0323008167	P. Purushotham	P. Purushotham
15.	0323008169	R. Vishnuvardhan	R. Vishnuvardhan
16.	0323008171	S. Asif	S. Asif
17.	0323008173	T. Ganesh	T. Ganesh
18.	0323008174	V. Navyasree	V. Navyasree
19.	0323008175	Y. Varshitha	Y. Varshitha

*[Signature]*

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*[Signature]*

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TIRUPATI-517 501

S.G.S. ARTS COLLEGE TIRUPATI

DEPARTMENT OF ZOOLOGY 2022-23

III<sup>rd</sup> SEM/SEMESTER - II

STUDENTS NAMES LIST

GROUP DISCUSSION ON PRIMARY & SECONDARY LYMPHOID ORGANS

DATE: 19-04-2023

S.NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
1.	0323008176	C. Apurupa	C. Apurupa
2.	0323008177	D. Iyothi	D. Iyothi
3.	0323008178	E. Ganesh	E. Ganesh
4.	0323008179	K. Revanth Kumar	K. Revanth Kumar
5.	0323008180	M. Saija	M. Saija
6.	0323008181	N. Varunteja	N. Varunteja
7.	0323008182	N. Rakesh	N. Rakesh
8.	0323008183	P. Gunasekhar	P. Gunasekhar
9.	0323008184	P. Sivaji	P. Sivaji
10.	0323008186	S. Sujatha	S. Sujatha
11.	0323008187	S. Lokesh	S. Lokesh
12.	0323008189	T. Venkatesh	T. Venkatesh



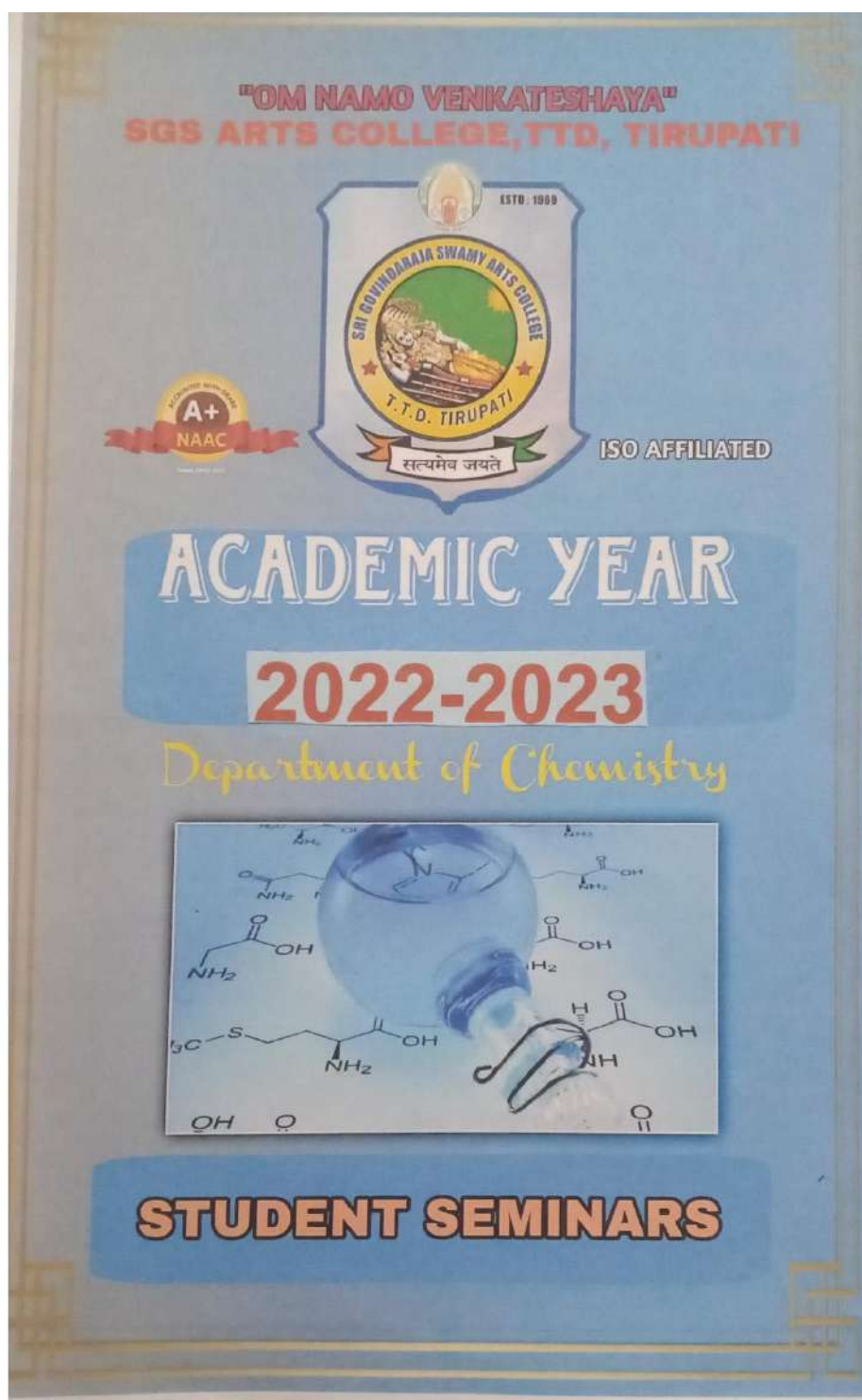
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S.G.S. Arts College  
TIRUPATI-517 501



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Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



## Department of Chemistry



**From**  
The **HOD** of **CHEMISTRY**  
S.G.S.Arts College,  
Tirupati.

Tirupati,  
Date: 14-Feb-2023

**To**  
The **Principal**,  
S.G.S.Arts College,  
Tirupati.

Respected Sir,

**Sub: -** Permission for Conducting Student Seminars – Request – Regarding.

\*\*\*\*\*

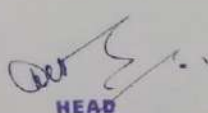
We are conducting student Seminars Programe for **III YEAR STUDENTS**  
in their respective class hours. Hence, I Request you to grant me permission from **16-Feb-2023**  
**18-Feb-2023.**

Thanking you Sir.

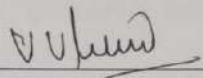
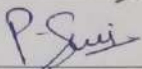
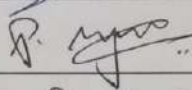
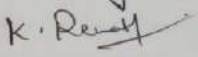
Yours Faithfully,

HOD

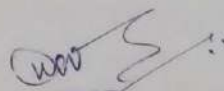
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The Students.

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**

**DEPARTMENT OF CHEMISTRY**  
**COMMITTEE FOR STUDENT - SEMINARS TOPICS**  
**ACADEMIC YEAR – 2022-2023**

S.NO.	NAME OF THE COMMITTEE MEMBERS	SIGNATURE
1	Dr.V.VENKATA LAKSHMI	
2	Smt.P SRUJANA	
3	Dr.P.SUGUNA	
4	Smt.K.REVATHI	

**HOD**

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE**

(AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI)  
ISO CERTIFIED INSTITUTION



**DEPARTMENT OF CHEMISTRY**  
**STUDENT-SEMINARS**

YEAR: 2022-2023

DATE: 16-FEB-2023 TO 18-FEB-2023

CLASS: III YEAR BBC, MZC, CBZ & MPC

CONDUCTED By:- Smt. K.REVATHI.

**TOPICS:** CHROMATOGRAPHY – TYPES – METHODOLOGY – APPLICATIONS.

**OBJECTIVES:-** TO UNDERSTAND THE SEPARATION OF MIXTURE OF COMPONENTS LIKE AMINO ACIDS, DYES AND OTHER ELEMENTAL SEPARATIONS USING PAPER CHROMATOGRAPHY, THIN LAYER CHROMATOGRAPHY & COLUMN CHROMATOGRAPHY

**LIST OF PARTICIPANTS:-**

STUDENT NAME	COURSE	TOPIC	SIGNATURE
1. VARSHA	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	m. varsha
y. Prameela	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	y. Prameela
K. Hemakumar	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	K. Hemakumar
1. Bhoomika	III <sup>rd</sup> B.Sc (CBZ)	Paper chromatography	m. Bhoomika
R. Vasavi	III <sup>rd</sup> B.Sc (M.Z.C)	Thin layer chromatography	R. Vasavi
P. Mahesh	III <sup>rd</sup> B.Sc (M.Z.C)	Thin layer chromatography	P. Mahesh
1. Gajendra Naik	III <sup>rd</sup> B.Sc (M.Z.C)	Thin layer chromatography	M. Gajendra Naik



3	A. Nikhil	III <sup>rd</sup> BSC M2C	Thin layer chromatography	A. Nikhil
9	y. manoj kumar	III <sup>rd</sup> BSC (M.P.C)	High performance liquid chromatography	y. manoj kumar
0	D. bharatham kumar	III <sup>rd</sup> B.SC (MPC)	High performance liquid chromatography.	D. bharatham kumar.
1	M. Ramanjaneya Reddy	III <sup>rd</sup> BSC (MPC)	High performance liquid chromatography	M. Ramanjaneya Reddy
2	M. Devidasanbik	III <sup>rd</sup> BSC BBC	High performance liquid chromatography	M. Devidasa Abu B.
3	K. Srikala	III <sup>rd</sup> BSC BBC	column chromatography	k. srikala
4	G. snehalatha Reddy	III <sup>rd</sup> B.SC (BBC)	column chromatography	G. snehalatha Reddy.
5	J. sugunakar	III <sup>rd</sup> BSC (BBC)	column chromatography	J. sugunakar

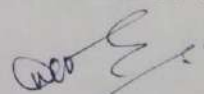
#### OUTCOMES:

- STUDENTS IDENTIFY THE IMPORTANCE OF CHROMATOGRAPHY IN THE SEPARATION AND IDENTIFICATION OF COMPOUNDS IN A MIXTURE.
- STUDENTS ACQUIRE CRITICAL KNOWLEDGE ON VARIOUS CHROMATOGRAPHY TECHNIQUES.

K. Reddy  
18/02/23

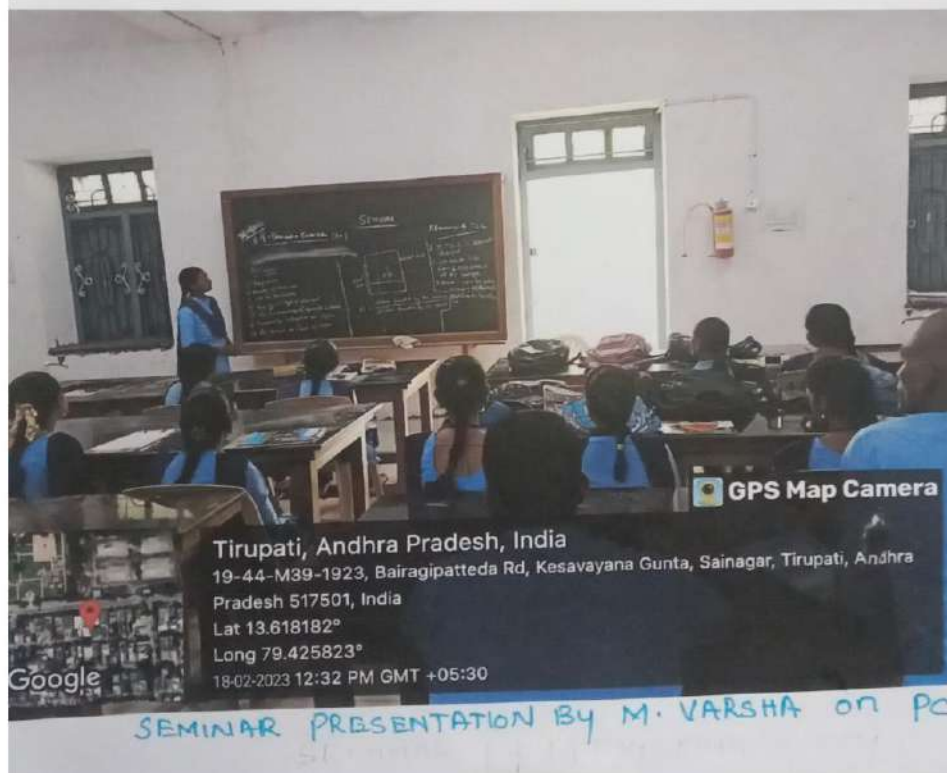
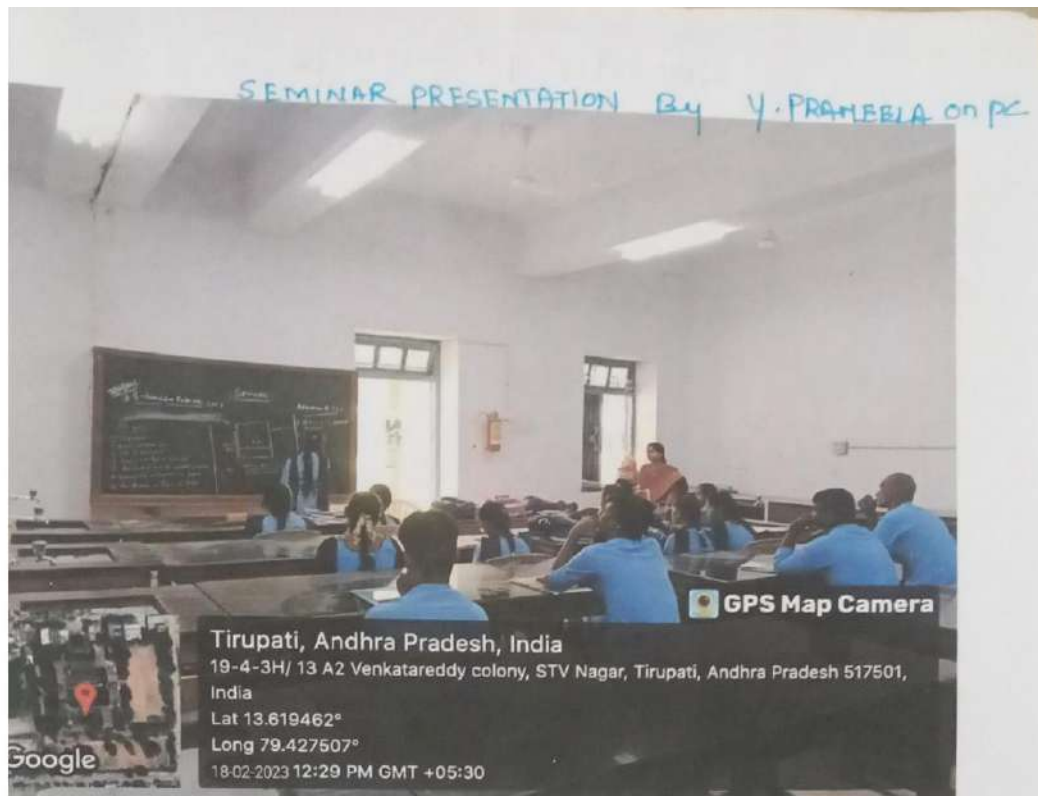
SIGNATURE OF THE TEACHER

SIGNATURE OF THE HOD



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DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI









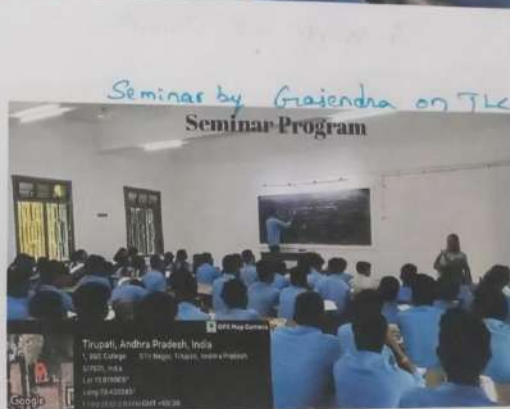
Seminar by Supriya



Seminar by Hemakumar



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**STUDENT SEMINAR (Date: 16-02-2023 & 18-02-2023)**

Chemistry Department Conducted student Seminars in room no:230 with students on topic **CHROMATOGRAPHY-TYPES-METHODOLOGY-APPLICATIONS** by III YEAR BBC,MZC,CBZ & MPC.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**  
**EVENT ORGANISED REPORT: (2022-2023)**

1	Name of the Department	CHEMISTRY
2	Name of Event Organized	STUDENT SEMINARS
3	Title of Event Organized	CHROMATOGRAPHY
4	Name of Coordinator of Event	Dr. V. VENKATA LAKSHMI
5	Class of the Participants	III YEAR BBC,MZC,CBZ & MPC
6	No. of Participants	15
7	Objective of the Event	<ul style="list-style-type: none"><li>• TO UNDERSTAND THE SEPARATION OF MIXTURE OF COMPONENTS LIKE AMINO ACIDS, DYES AND OTHER ELEMENTAL SEPARATIONS USING PAPER CHROMATOGRAPHY, THIN LAYER CHROMATOGRAPHY &amp; COLOUMN CHROMATOGRAPHY</li></ul>
8	Outcome of the Event	<ul style="list-style-type: none"><li>• STUDENTS IDENTIFY THE IMPORTANCE OF CHROMATOGRAPHY IN THE SEPARATION AND IDENTIFICATION OF COMPOUNDS IN A MIXTURE.</li><li>• STUDENTS ACQUIRE CRITICAL KNOWLEDGE ON VARIOUS CHROMATOGRAPHY TECHNIQUES.</li></ul>

  
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**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**

"OM NAMO VENKATESHAYA"  
SGS ARTS COLLEGE, TTD, TIRUPATI

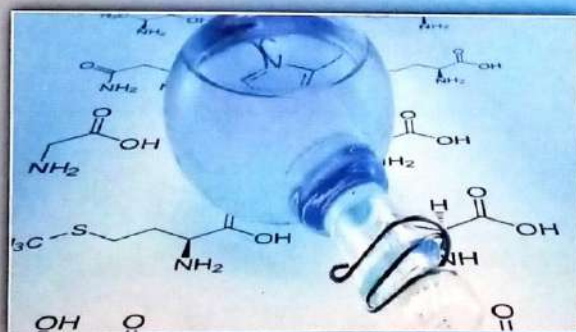


ISO AFFILIATED

ACADEMIC YEAR

2022-2023

Department of Chemistry



GROUP DISCUSSION



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE**

( శ్రీ వేంకటేశ్వర స్వామి ఆశ్రమ కళాశాల )  
( AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI )  
ISO CERTIFIED INSTITUTION



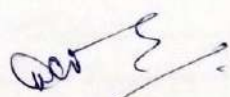
**DEPARTMENT OF CHEMISTRY**

**STUDENT-GROUP DISCUSSION**

1. YEAR: 2022-2023
2. DATE: 22-FEB-2023
3. CLASS: III YEAR BBC,MZC,CBZ & MPC
4. CONDUCTED By:- Smt. K.REVATHI.
5. **TOPIC:-** ANALITICAL METHODS IN CHEMISTRY
6. **OBJECTIVES:-** TO UNDERSTAND THE PRINCIPLES RELATED TO DIFFERENT METHODS OF ANALYSIS IN CHEMISTRY.
7. **OUTCOMES:-** STUDENTS IMPROVE THEIR SELF CONFIDENCE , COMMUNICATION SKILLS & COMPETITIVE SPIRIT TOWARDS THEIR FUTURE.

SIGNATURE OF TEACHER.

SIGNATURE OF HOD.

  
**HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI**



# S.G.S ARTS COLLEGE: TIRUPATI

## DEPARTMENT OF CHEMISTRY

Analytical & Author  
in  
Chemistry

Dr. 22.02.23 Name of the event conducted: Group Discussion. Topic: [Chromatography]

Sl No.	Roll No.	CLASS	NAME OF THE STUDENT	SIGNATURE
Gr. A	1.	III <sup>rd</sup> BSC [CBZ]	M. Bhoomika	M. Bhoomika
	2.	III <sup>rd</sup> CBZ	Y. Ganga devi	Y. Ganga devi
	3.	III <sup>rd</sup> CBZ	M. Vaesha	M. Vaesha
	4.	III <sup>rd</sup> CBZ	Y. Prasameela	Y. Prasameela
	5.	III <sup>rd</sup> BSC [CBZ]	P. Lavanya	P. Lavanya
	6.	III <sup>rd</sup> BSC [CBZ]	K. Tejaswani	K. Tejaswani
	7.	III <sup>rd</sup> BSC [CBZ]	M. Supriya	M. Supriya
GROUP - B				
Gr. B	1.	III <sup>rd</sup> BSC (M2C)	R. Vasavi	R. Vasavi
	2.	III <sup>rd</sup> BSC [M2C]	E. Bhargavi	E. Bhargavi
	3.	III <sup>rd</sup> BSC [M2C]	P. V. Nynakshitha	Nynakshitha - a. P.
	4.	III <sup>rd</sup> BSC [M2C]	D. Homprajal	D. Homprajal
	5.	III <sup>rd</sup> BSC [M2C]	T. Nivedha	T. Nivedha
	6.	III <sup>rd</sup> BSC [M2C]	V. C. Triveni	V. C. Triveni
	7.	III <sup>rd</sup> BSC [M2C]	P. Ranya	P. Ranya
GROUP - C				
Gr. C	1.	III <sup>rd</sup> BSC [M2C]	K. Uppendracindaly	K. Uppendra Reddy
	2.	III <sup>rd</sup> BSC [M2C]	P. M. Gajendra Babu	M. Gajendra Babu
	3.	III <sup>rd</sup> BSC [M2C]	P. Mahesh	P. Mahesh
	4.	III <sup>rd</sup> BSC [M2C]	K. Chistanjeevi	K. Chistanjeevi
	5.	III <sup>rd</sup> BSC [M2C]	S. Ahmad Ali	S. Ahmad
	6.	III <sup>rd</sup> BSC [M2C]	K. Hema Kumar	K. Hema Kumar
	7.	III <sup>rd</sup> BSC [M2C]	G. Manohar Babu	G. Manohar Babu
	8.	III <sup>rd</sup> BSC [M2C]	R. Jagadeesh Babu	R. Jagadeesh Babu
	9.	III <sup>rd</sup> BSC [M2C]	M. Raju	M. Raju
	10.	III <sup>rd</sup> BSC [M2C]	E. Rajesh	E. Rajesh

Name of the event conducted:

HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI

## Group discussion



## group discussion





## group discussion





**GROUP DISSCUSION (Date:22-02-2023)**

Chemistry Department Conducted **GROUP DISSCUSION** in room no:120  
With students on topic **ANALYTICAL METHODS IN CHEMISTRY**.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**

**EVENT ORGANISED REPORT: (2022-2023)**

1	Name of the Department	CHEMISTRY
2	Name of Event Organized	GROUP DISSCUSION
3	Title of Event Organized	ANALYTICAL METHODS IN CHEMISTRY
4	Name of Coordinator of Event	Smt. K.REVATHI.
5	Class of the Participants	III YEAR BBC,MZC,CBZ & MPC
6	No. of Participants	31
7	OBJECTIVES	<ul style="list-style-type: none"><li>• TO UNDERSTAND THE DIFFERENT PRINCIPLES INVOLVED IN QUALITATIVE,QUANTITATIVE,&amp;GRAVIMETRIC ANALYSIS.</li><li>• TO KNOW THE PRINCIPLE AND PROCEDURE OF SEPARATION TECHNIQUES LIKE SOLVENT EXTRACTION &amp;CHROMATOGRAPHY.</li></ul>
8	OUTCOMES	<ul style="list-style-type: none"><li>• STUDENTS ARE INDULGED IN REFERRING VARIOUS BOOKS TO ACQUIRE COMPLETE AWARENESS ON TOPIC.</li><li>• ENLIGHTENS COMPETITIVE SPIRIT AMONG STUDENTS.</li><li>• IMPROVES FRIENDLY RAPPORT AMONG STUDENTS.</li></ul>

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**

## **6. Expert Talks /Guest Lecturers /Seminars**

**Dept. of microbiology organized a seminar on date 09-09-2022 on  
“IMPORTANCE OF MILK DAIRY AND ITS APPLICATIONS”delivered by  
Dr.V. Ravi kumar**



Tirupati,  
Date:07-09-2022.

From:.  
Dr.V. Venkatalakshmi HOD,  
Department of Microbiology ,  
Tirupati.

To:  
Dr.V. Ravi kumar,  
Shreeja Mahila Milk Producer Company STD,  
New Indiranagar, Tirupati.

Respected Sir,

Subject: Request –Permission for Conduct Guest Lecture on 09-09-2022.  
Dr.V.Ravikumar-Request-Regarding.

\*\*\*\*\*

I am Dr.V. Venkatalakshmi HOD of Microbiology from SGS Arts college, Tirupati.  
We take immense pleasure in having you as a guest lecturer for the "IMPORTANCE OF MILK DAIRY AND ITS APPLICATIONS" on 09-09-2022 at 11 A.M in S.G.S Arts college, Tirupati.

Please consider this letter as a humble invitation and kindly revert back with a positive response. It would be deeply appreciated.

Thankfully,

Yours faithfully,



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE - Tirupati**  
( శ్రీ గోవింద రాజ స్వామి ఆర్ట్స్ కళాశాల )  
Affiliated to Sri Venkateswara University  
ISO Certified Institute



Tirupati,  
Date:08-09-2022.

From:  
Dr.V. Ravi kumar,  
Shreeja Mahila Milk Producer Company STD,  
New Indiranagar, Tirupati.

To:  
Dr.V. Venkatalakshmi HOD,  
Department of Microbiology ,  
Tirupati.

Respected Madam,

Subject: Acceptance of Guest Lecture – Request – Regarding.

\*\*\*\*\*

I write to you because I would like to inform you of my intention to accept your invitation to me to be your guest speaker in your seminar about "IMPORTANCE OF MILK DAIRY AND ITS APPLICATIONS". It is an honor to me to be given such invitation and I am very glad to accept it.

I am expecting to get an opportunity to interact with your students. I enjoy the atmosphere and activity going on in the seminar.

I hope I will be able to impart to your audience particularly the students with my knowledge about the subject and exceed your expectations.

Thank you very much and I am looking forward in seeing you soon.

Thankfully,

Yours faithfully,





Tirupati,

Date:08-09-2022.

From:

Dr.V. Venkatalakshmi HOD,  
Department of Microbiology,  
S.G.S.Arts College,  
Tirupati.

To:

The Principal,  
S.G.S.Arts College,  
Tirupati.

Respected Sir,

Sub: - Request -Permission for Conducting Guest Lecture on 09-09-2022 by  
Dr.V. Ravi kumar – Request – Regarding.

\*\*\*\*\*

This is to bring for your kind information that the Department of Microbiology is planning to conduct a Guest lecture on "IMPORTANCE OF MILK DAIRY AND ITS APPLICATIONS" by Dr.V. Ravikumar from shreeja Mahila Milk Producer Company STD New Indiranagar Tirupati.

Thanking you Sir,

Yours faithfully,



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE - Tirupati**  
( శ్రీ గోవింద రాజ స్వామి ఆర్ట్స్ కళాశాల )  
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ISO Certified Institute



## **S.G.S. ARTS COLLEGE, TTD, TIRUPATI.**

**Department of Microbiology.**  
**EVENT ORGANISED REPORT:2021-2022.**

1	<b>Name of the Department</b>	Microbiology
2	<b>Name of Event Organized</b>	Guest Lecture Seminar- Dr.V.Ravi Kumar
3	<b>Title of Event Organized</b>	Importance of Milk Dairy and it's Applications
4	<b>Name of Co-ordinator of Event</b>	Smt.Dr.k. Sridevi
5	<b>Class of the Participants</b>	B.Sc MZC
6	<b>No. of Participants</b>	90
7	<b>Objective of the Event</b>	To know different kinds of Milk products and their importance in Dairy Microbiology.
8	<b>Outcome of the Event</b>	To learn examination of milk samples, composition of milk in health aspects. Importance of microorganisms and their role in milk and milk products. To create interest, awareness and employment in Dairy Industries like Heritage, Amul, Arokya etc .

HOD



**S.G.S. ARTS COLLEGE, TIRUCHANOUR ROAD,  
TIRUPATI.**

**Student supporting programs / Events conducted.**

**Name of the Department: Microbiology.**

**Academic year: 2022-2023.**

S.No	Name of the Program/ Event	Date	Class	No. of Students Participated	Remark
1	Guest Lecture	09-09-2022	B.Sc MZC	90	

**HOD**



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE - Tirupati**  
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List of students  
 III B.Sc MZC

**SGS ARTS COLLEGE , TTD, TIRUPATI**  
**DEPARTMENT OF MICROBIOLOGY**

S.No	Hall Ticket No	Name of the student	Signature
1.	0320008212	A.Ramesh	A.Ramesh.
2.	0320008213	A.Girishma	A.Girishma
3.	0320008214	A.karthek	A. Karthek
4.	0320008215	B.Charan Teja	B.Charan Teja
5.	0320008216	B.Dhamodar Naik	B.Dhamodar Naik
6.	0320008217	B.Nadhiya	B.Nadhiya
7.	0320008218	B.Gurunadh	B. Gurunadh
8.	0320008220	C.Ramakrishna	C. Ramakrishna
9.	0320008221	C.Suresh babu	C.Suresh babu
10.	0320008222	C. Venkataramana	C. Venkataramana
11.	0320008223	C.Chandu	C. Chandu
12.	0320008224	G.Jahnavai	G. Jahnavai
13.	0320008225	G.Raju	G. Raju
14.	0320008226	G.Reddisekhar Naidu	G.Reddisekhar Naidu
15.	0320008227	H.Naveen	H. Naveen
16.	0320008228	I.Kotaiiah	I. Kotaiiah
17.	0320008229	J.Padma	J. Padma
18.	0320008230	K.Sohith Kumar	K. Sohith Kumar
19.	0320008231	K.Hari krishna	K. Hari krishna





Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE - Tirupati**  
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20.	0320008232	K.Ganesh	K. Ganesh
21.	0320008233	K.Mahesh Kumar	K. Mahesh Kumar
22.	0320008234	K.Vinod kumar	K. Vinod Kumar
23.	0320008235	M.Marudha Pandiyan	M. Marudha Pandiyan
24.	0320008236	M.Padmavathi	M. Padmavathi
25.	0320008237	M.Brahma reddy	M. Brahma Reddy
26.	0320008238	M.keerthana	M. Keerthana
27.	0320008239	M.Kumar	M. Kumar
28.	0320008240	N.Uzman	N. Usman
29.	0320008241	N.Mayuri	N. Mayuri
30.	0320008242	P.Lokesh	P. Lokesh
31.	0320008243	P.Vaishnavi	P. Vaishnavi
32.	0320008244	P.Dinesh	P. Dinesh
33.	0320008245	P.Reddiprakash	P. Reddi prakash
34.	0320008246	R.Pavithra	R. Pavithra
35.	0320008247	R.Nikhitha	R. Nikhitha
36.	0320008248	S.Harinadh	S. Harinadh
37.	0320008250	S.Rajesh	S. Rajesh
38.	0320008251	S.Rakesh	S. Rakesh
39.	0320008252	S.Narendra reddy	S. Narendra Reddy
40.	0320008253	T.kirankumar yadav	T. Kiran Kumar yadav
41.	0320008254	V.Sai chaitanya	V. Sai Chaitanya
42.	0320008255	V.Gopala Krishna	V. Gopala Krishna



Tirumala Tirupati Devasthanams  
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## II B.Sc MZC

SRI GOVINDARAJA SWAMY ARTS COLLEGE, TTD, TIRUPATI  
 DEPARTMENT OF MICROBIOLOGY  
 FIRST YEAR: B.S.c. M.Z.C SEMESTER- II

S.No.	HALL-TICKET NUMBER	STUDENT NAME	SIGNATURE
1	20008060001	A. Venkatesh	
2	20008060002	A. Balakulleyappa	A. Balakulleyappa
3	20008060003	A. Lokesh	
4	20008060004	B. Chaitanya	
5	20008060005	B. Madhu	B. Madhu
6	20008060006	B. Deepak Royal	B. Deepak
7	20008060007	B. Lakshmi kanthi Naik	B. Lakshmi kanthi Naik
8	20008060008	B. Hanish Babu	B. Hanish Babu
9	20008060009	B. Sivani	B. Sivani
10	20008060010	B. Rama Krishna Naik	B. Ramakrishna Naik
11	20008060011	C. Prbhakara	
12	20008060012	C. Dhanush	C. Dhanush
13	20008060013	D. Harshita	D. Harshita
14	20008060014	D. Ashok	D. Ashok
15	20008060015	G. Satheesh	G. Satheesh
16	20008060016	G. Lokanadham	G. Lokanadham
17	20008060017	J. Monesh Kumar	J. Monesh Kumar
18	20008060018	J. Pavan Kumar	J. Pavan Kumar
19	20008060019	K. Seetharamanjaneyulu	
20	20008060020	K. Dora Babu	K. Dora Babu
21	20008060021	K. Aravind	K. Aravind
22	20008060022	K. Hemanth	K. Hemanth
23	20008060023	K. Jeevan Kumar	K. Jeevan Kumar
24	20008060024	K. Guru raju	K. Gururaju
25	20008060025	M.S. Tasheem	M.S. Tasheem
26	20008060026	M. Kushwanth Kumar	M. Kushwanth Kumar
27	20008060027	M. Gowtham Naik	M. Gowtham Naik
28	20008060028	M. Kishore Naik	M. Kishore Naik
29	20008060029	N. Thulasi	
30	20008060030	N. Ashok Kumar	
31	20008060031	P. Rishitha	
32	20008060032	P. Lokesh	
33	20008060033	R. Chaitra	
34	20008060034	S. Avinash	S. Avinash
35	20008060035	S. Aysha	S. Aysha
36	20008060036	S. Dheeraj Kumar	S. Dheeraj Kumar
37	20008060037	T. Venkatesh	T. Venkatesh
38	20008060038	V. Sai Prakash	
39	20008060039	V. Manoj Kumar Reddy	
40	20008060040	Y. Sandhya	Y. Sandhya
41	20008060041	Y. Sharath Kumar	Y. Sharath Kumar





Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE - Tirupati**  
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 ISO Certified Institute



IB.Sc MZC

**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF MICROBIOLOGY**  
**First YEAR B.S.c. M.Z.C SEMESTER- I 2022 -2023 batch**

S.No.	Roll Number	STUDENT NAME	signature
1	321451	A. Nikhil	A. Nikhil
2	321452	B. Bhavya	B. Bhavya
3	321453	B. Ashok Kumar	B. Ashok Kumar
4	321454	B. Raghavendra	B. Raghavendra
5	321455	B. Umesh	B. Umesh
6	321456	B. Siddesh	B. Siddesh
7	321457	B. Venkatesh	B. Venkatesh
8	321458	C. Siva	C. Siva
9	321459	D. Homanjali	D. Homanjali
10	321460	E. Bhargavi	E. Bhargavi
11	321461	G. Jahnvi	G. Jahnvi
12	321462	G. Madhu	G. Madhu
13	321463	J. Shashi preetham	J. Shashi preetham
14	321464	K. Ajay Kumar	K. Ajay Kumar
15	321465	K. Chiranjeevi	K. Chiranjeevi
16	321466	K. Tejaswini	K. Tejaswini
17	321467	K. Lakshmi Narayan	K. Lakshmi Narayan
18	321468	K. Kalyani	K. Kalyani
19	321469	K. Upendra Reddy	K. Upendra Reddy
20	321470	K. Leelavathi	K. Leelavathi
21	321471	M. Pavan Kalyan	M. Pavan Kalyan
22	321472	M. Dinesh	M. Dinesh
23	321473	M. Gajendra Naik	M. Gajendra Naik
24	321474	M. Nithish koushik	M. Nithish koushik
25	321475	M. Baby priyanka	M. Baby priyanka
26	321476	N. Vishnu Vardhan	N. Vishnu Vardhan
27	321477	N. Renuka	N. Renuka
28	321478	N. Taanya Priya	N. Taanya Priya
29	321479	P. Abishai Babu	P. Abishai Babu
30	321480	P. Amrutha raj	P. Amrutha raj
31	321481	P. Ramya	P. Ramya
32	321482	P. Mahesh	P. Mahesh
33	321483	P.v. Nynakshitha	P.v. Nynakshitha
34	321484	R. Vasavi	R. Vasavi
35	321485	R. Divya	R. Divya
36	321486	S. Sathish	S. Sathish
37	321487	S. Jyothi	S. Jyothi
38	321488	B. Sonu prakash Naik	B. Sonu prakash Naik
39	321489	T. Anil	T. Anil
40	321490	T. Nivedha	T. Nivedha
41	321491	T.p. Nikhil	T.p. Nikhil
42	321492	VC. Triveni	VC. Triveni
43			



**OM NAMO VENKATESHAYA**  
**TIRUMULA TIRUPATI DEVASTHANAM**  
**S.G.S ARTS COLLEGE, TIRUPATI**

**Phone:(0877)2264599. E-mail:[sgsartscollegettd@gmail.com](mailto:sgsartscollegettd@gmail.com).**  
**Web:[sgsac.edu.in](http://sgsac.edu.in)**

**CIRCULAR**

Tirupati ,

Date :08-09-2022.

All the students of I ,II ,III year B.Sc Microbiology are informed to attend a Guest Lecture on the topic " IMPORTANT OF MILK DAIRY AND ITS APPLICATIONS" by Dr.V. Ravi Kumar on 09-09-2022 in Room No:308.

To :

All teaching staff and students.

HOD

**Photos Evidence**







## **FEED BACK**

Students get knowledge from this Guest Lecture on topic:-

1. Collection of milk samples from rural areas in a milk containers.
2. Milk samples to be examined at Bulk Milk Unit Centres (BMC).
3. Students learnt about Methylene Blue Reduction Test (MBRT), Fat content, Acidity test, Alcohol test etc.
4. Different types of Milk - TonnedMilk , Condensed Milk, Skimmed Milk, Non Skimmed Milk, Full Cream Milk etc.
5. Students shown interest upon the fermented milk products preparation like  
Butter, Ghee, Lassi, Curd ,panneer, Varieties of Cheese, Badam Milk and other products.



**GUEST LECTURE**  
**DEPARTMENT OF BOTANY**

S.G.S ARTS COLLEGE TIRUPATI  
DEPARTMENT OF BOTANY  
SEMINAR BY GUEST LECTURES  
ACADEMIC YEAR 2022-23  
INVITATION LETTER

From  
Smt.T. Sakuntala  
HOD of Botany,  
S.G.S Arts College Tirupati.

To  
Sri. Dr.A.JayaramiReddy,  
Retired HOD of Botony  
SV Arts college  
Tirupathi.

Respected Sir,

Sub-To attend the seminar to our students-Topic on Bio  
Entrepreneurship.

I am here with requesting you to attend seminar on  
Entrepreneurship For our students for their educational enlightenment. I am here  
with again requesting you to provide us your convenient date for the seminar  
bythat make our arrangements to attend the seminar .we will be waiting for  
yourreply with date and time we will be very much thankful for you.

Thanking you Sir,

Yours faithfully,

  
T. Sakuntala  
HEAD  
Dept. of Botany  
S G S Arts College, TIRUPATI.



Permission letter

From  
Smt.T.Sakuntala,  
HOD of Botany,  
S G S Arts College,  
Tirupathi.  
To  
The Principal,  
S G S Arts college,  
Tirupathi.

Respected Sir,

Sub- This is to bring for your kind information that the department of botany is planning to conduct a seminar on BONSAI PLANTS by the retired HOD of botony Sgs Arts collage Tirupati.

So kindly permit us to conduct the seminar on 07-02-2016

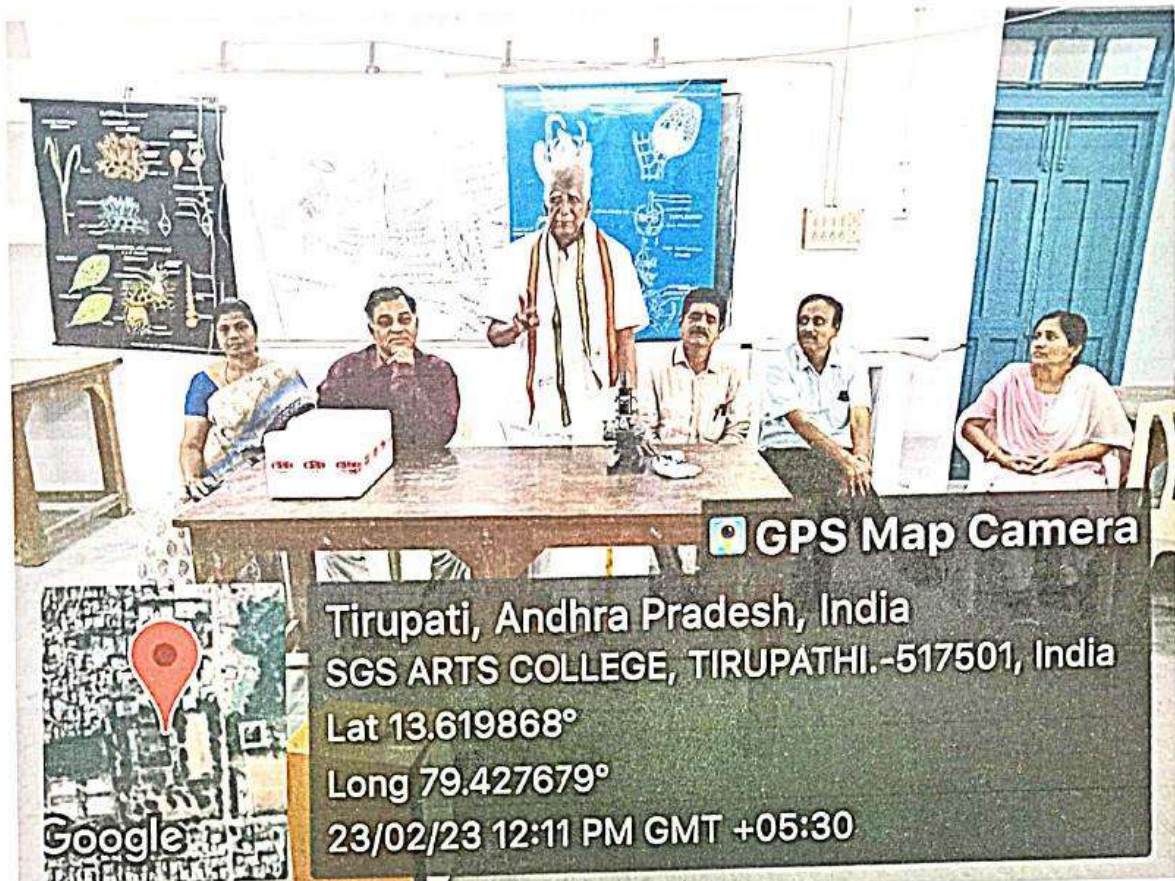
Thanking you madam,

Yours faithfully,

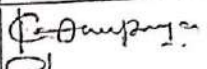
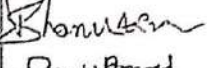
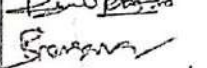
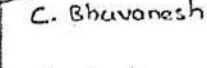
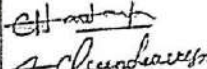


T.Sakuntala

Dept. of Botany  
S G S Arts College, TIRUPATI





S.No	Roll No.	Name of the Student	Signature
1.	20869	K. Anupriya	
2.	20870	Y. Bhanu Kiran	
3.	20871	N. Bhanu Prasad	
4.	20873	D. Bhargava	
5.	20879	C. Bhuvanesh	C. Bhuvanesh
6.	20875	H. Choitanya	
7.	20876	A. Chandravamsi	A. Chandravamsi
8.	20877	K. Chandu	K. Chandu
9.	20879	K. Gouthami	K. Gouthami
10.	20880	R. Gunatya	R. Gunatya
11.	20881	M. Harion	M. Harion
12.	20889	K. Jhansi Bai	K. Jhansi Bai
13.	20885	K. Kamal	Kamal
14.	20886	V. Kiran Kumar	V. Kiran Kumar
15.	20887	A. Mahesh	A. Mahesh
16.	20888	A. Meghana	A. Meghana
17.	20889	C. Mohan	C. Mohan
18.	20890	D. Narasimha Vardhan Reddy	D. Narasimha Vardhan Reddy
19.	20891	M. Naveen Kumar	M. Naveen Kumar
20.	20892	B. Pawan Kalyan	B. Pawan Kalyan
21.	20893	L. Praveen	L. Praveen
22.	20894	V. Praveen	V. Praveen
23.	20895	N. Prem Sagar	N. Prem Sagar
24.	20896	J. Radhika	J. Radhika
25.	20897	B. Raghu	B. Raghu
26.	20898	C. Sai Jayashanthi Kumar	C. Sai Jayashanthi Kumar
27.	20899	S. Sharathi Chandra	S. Sharathi Chandra

SNO	Roll. NO	Name of the student	signature.
28.	20900	G. Siva kumar	G. Siva kumar
29.	20901	M. sivanada Reddy	M. Siva Reddy
30.	20902	G. swathi	G. Swathi
31.	20903	B. Vamsi	B. Vamsi
32.	20905	P. vennela	P. Vennela
33.	20906	M. vinod kumar	M. Vinod kumar.



S.NO.	ROLLNO.	Name of the Student	Signature
1.	20919	E. Chakradhar Goud.	E. Chakradhar
2.	20920	P. Chan Basua.	P. Chan Basua
3.	20921	M. Dhruvraj	Dhruvraj
4.	20922	G. Divya Bharathi Reddy.	G. Divya
5.	20923	B. Gnanesh.	B. Gnanesh
6.	20924	K. G. Harsha Vardhan.	K. G. Harsha
7.	20926	K. Hemant	K. Hemant
8.	20927	D. Indira Mythani	D. Indira Mythani
9.	20928	R. S. Janaki Ram.	R. S. Janaki Ram
10.	20929	M. Kalyan.	M. Kalyan
11.	20930	N. Kiran.	N. Kiran
12.	20931	D. Krishna.	D. Krishna
13.	20932	T. Kishwanth	T. Kishwanth
14.	20933	T. Lakshmanan.	T. Lakshmanan
15.	20934	P. Leena.	P. Leena
16.	20935	A. Mamatha.	A. Mamatha
17.	20936	K. Manjusha.	K. Manjusha
18.	20937	A. Mohan.	A. Mohan
19.	20938	N. N. Rashmi	N. N. Rashmi
20.	20939	D. Natraj.	D. Natraj
21.	20940	K. Navaz Kumar	K. Navaz Kumar
22.	20941	O. Pavan Kumar Raju.	O. P. K. R.
23.	20942	K. Pavan Kumar.	K. Pavan Kumar.

24.	20943	B. phanendra kumar.	B. Ph...
25.	20944.	S. praveen.	S. praveen
26.	20945	T. Ravi kumar.	T. Ravikumar
27.	20946	K. Sai pratap.	K. Sai pratap
28.	20947	P. V. Saisree Harsha.	P. V. Saisree
29.	20948	K. Sai Sreenivas.	K. Sai Sreenivas
30.	20949	B. Subba Reddy.	B. Subba Reddy
31.	20950	S. Surendra Babu	S. Surendra Babu
32.	20951	R. Tejasree	R. Tejasree
33.	20952	P. Ushasree	P. Ushasree
34.	20953	M. Vara prasad	M. Vara Prasad
35.	20954	B. vidya Vatti	B. vidya Vatti
36.	20955	T. Vignesh yadav.	T. Vignesh yadav.
37.	20956	C. Vijaya Brahma	C. Vijaya Brahma
38.	20957	B. Yamini.	B. Yamini

## **7. Students' Office Bearers (Students' Council)**

The student office bearers work under the guidance of the college. The main function of the students office bearers is to organize various activities to provide opportunities to the students of the college to exhibit their talents.

### **Objectives:**

True education aims at holistic and integrated development of an individuals personality including intellectual , physical, emotional, moral and ethical aspects in search of truth. Since the students are the central force of any educational institution, their participation in its activities undoubtedly essential within the overall perspective stated above. Student office bearers for various association are nominated on merit basis as per S.V.University guidelines, Chairman, Secretary and Joint secretary are selected on rotation basis from B.A., B.Com and B.Sc courses . Secretary and Joint secretary for Maths and Science, Arts, Commerce, Language Biological Sciences, Fine arts and Sports are nominated on merit basis. Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

## 8. Field Trips

### Department of Microbiology



Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE**  
(శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం)  
(AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI)  
ISO CERTIFIED INSTITUTION



#### DEPARTMENT OF MICROBIOLOGY

#### FIELD VISIT ACTIVITIES

Student supporting programs / Events conducted

Name of the Department: MICROBIOLOGY

Academic year: 2022-2023

S. No	Name of the Program/ Event	Date	Class	No. of Students Participated	Remarks
1	FIELD VISIT	28-02-2023	B.Sc. MZC	37	-

  
HOD

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)





Tirumala Tirupati Devasthanams  
**S.G.S ARTS COLLEGE**  
(శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం)  
(AFFILIATED TO SRI VENKATESWARA UNIVERSITY, TIRUPATI)  
ISO CERTIFIED INSTITUTION



**PERMISSION LETTER**

Tirupati,

28-02-2023 .

From

Dr V. Venkatalakshmi,  
H.O.D of Microbiology,  
S.G.S ARTS COLLEGE,  
Tirupathi.

To

The Principal,  
S.G.S ARTS COLLEGE,  
Tirupathi.

Respected sir,

**Sub:** Field visit to be undertaken for I,II,III MZC students on 28-02-2023 requesting permission – reg.

This is to bring for your kind information that the Department of Microbiology is planning for field visit to Department of Microbiology at SPMVV , Tirupathi on 28-02-2023 with I,II,III MZC students as a part of their course curriculum.

The students and the faculty members taking part in the field visit are mentioned in the enclosed list.

In this regard I request you to allow us to take part in the field visit mentioned above.

Thanking you

Yours faithfully,

HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

PERMISSION LETTER FOR FIELD VISIT TO DEPARTMENT OF MICROBIOLOGY  
SPMVV UNIVERSITY, TIRUPATI

PERMISSION LETTER

From

Dr V.Venkatlakshmi,  
H.O.D OF MICROBIOLOGY,  
S.G.S ARTS COLLEGE,  
Tirupathi.

To

DEPARTMENT OF MICROBIOLOGY,  
SRI PADMAVATI MAHILA VISWA VIDYALAYAM,  
Tirupathi

Dear Madam,

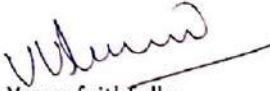
Sub: Field visit to be undertaken for III semester students on  
28-02-2023 requesting permission – Reg.

This is to bring for your kind information that the department of  
Microbiology is planning for field visit to Department of Microbiology at SPMVV ,  
Tirupathi on 28-02-2023 with I,II,III MZC students as a part of their course  
curriculum.

The students and the faculty members taking part in the field visit are  
mentioned in the enclosed list.

In this regard I request you to allow us to take part in the field visit  
mentioned above.

Thanking you

  
Yours faithfully,

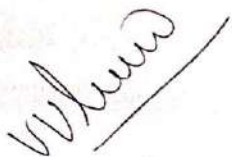
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

**S.G.S. ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF MICROBIOLOGY**

Field trip/Industrial visit/Study tour Report


Academic year : 2022-2023

Name of the department	MICROBIOLOGY
Date of field trip	28-02-2023
Name and address of field visited	Department of Microbiology,SPMVV, TIRUPATI
Class involved in field trip	MZC
No. of students visited	37
Name of accompanying staff	1.Smt Dr. K. Sri Devi
Profile of the field visited in short	Department of Microbiology ,SPMVV, TIRUPATI

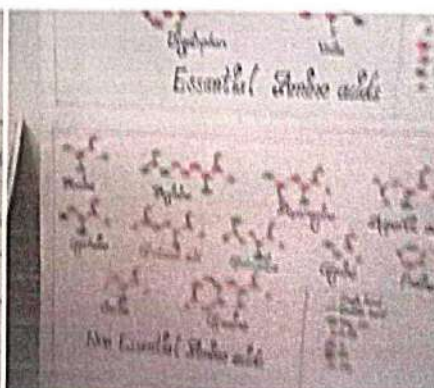
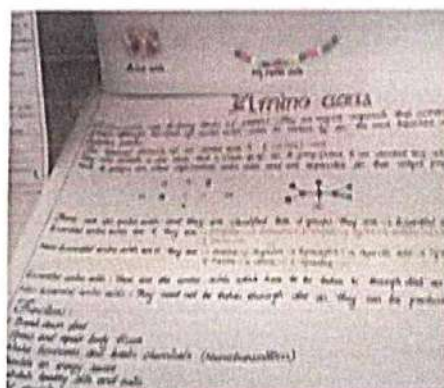
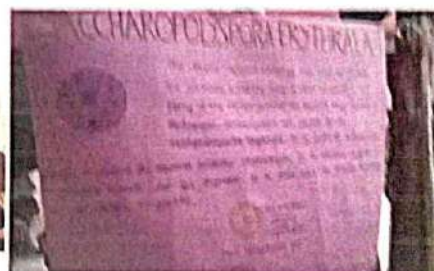
  
**HEAD**  
**DEPT. OF MICROBIOLOGY**  
**SGS ARTS COLLEGE**  
**TIRUPATI-517501 (A.P.)**





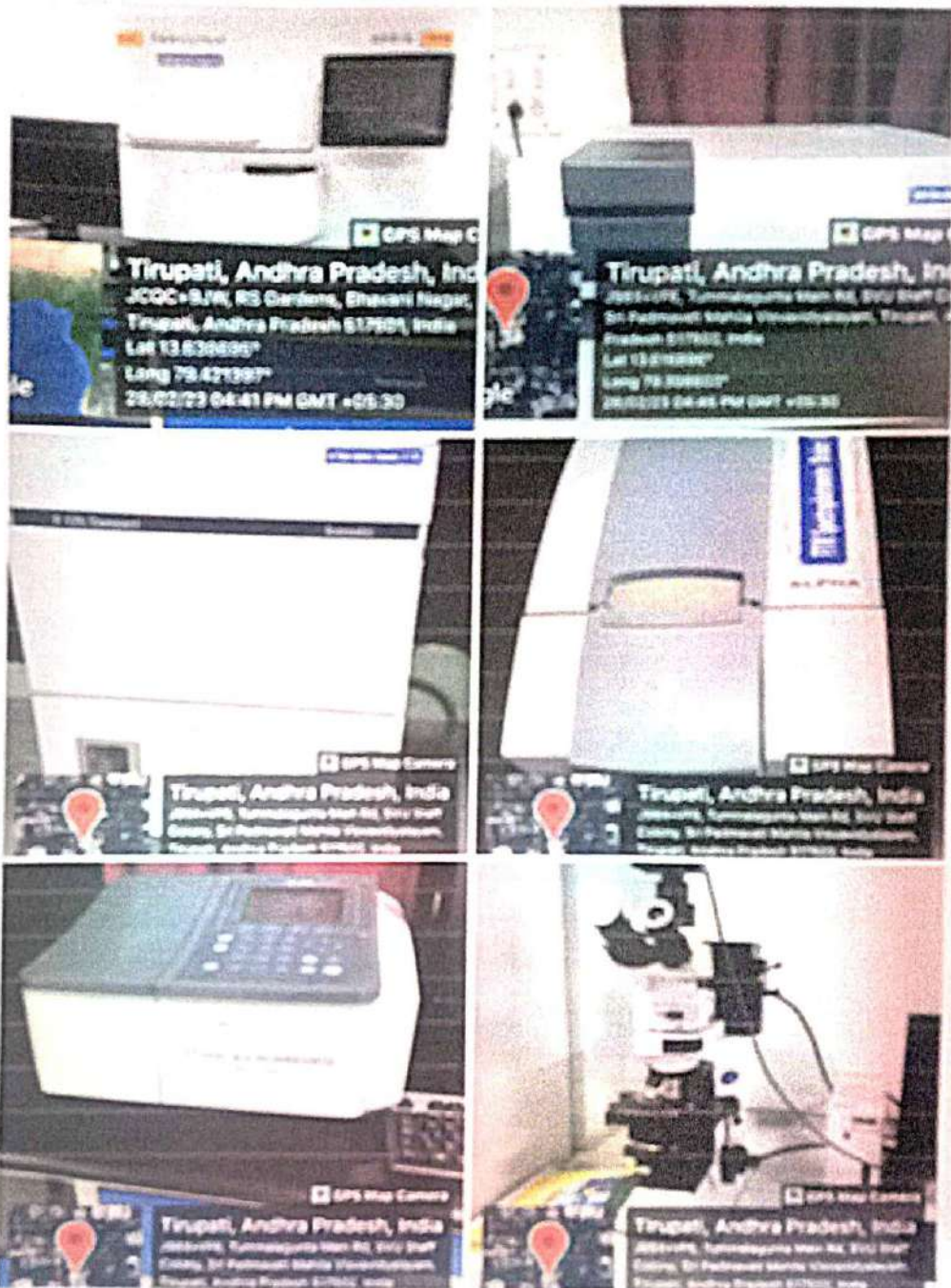
  
 HEAD  
 DEPT. OF MICROBIOLOGY  
 SGS ARTS COLLEGE  
 TIRUPATI-517501 (A.P.)





V. V. Kumar

HEAD  
DEPT. OF MICROBIOLOGY  
SRI ARTS COLLEGE  
CHENNAI



Volume HEAD  
DEPT OF MICROBIOLOGY  
AGR ANTS COLLEGE  
TIRUPATI, ANDHRA PRADESH

Enclosed list:

I,II, III BSC(MZC) students list:

S.no	Hall Ticket Number	Name Of The Student	Signature
1	0323008151	B.Prudvi Naik	B.Prudvi Naik
2	0323008152	C.Ramprasad	C.Ram prasad
3	0323008153	C.Bharath Simha	C.Bharath Simha
4	0323008156	G.Vidyasagar	G. Vidyasagar.
5	0323008157	G.Sivateja	G.SivaTeja
6	0323008158	G.Dileep kumar	G.Dileep kumar.
7	0323008159	G.Ganesh	G. Ganesh.
8	0323008160	K.ISAHAQ ALI	K. Isahaq ali
9	0323008166	P.Susranya	P. susronya
10	0323008167	P.Purushotham	P. purushotham
11	0323008169	R.Vishnu Vardhan	R. vishnu vardhan naik.
12	0323008171	S.k Asif	S.K. Asif
13	0323008173	T.Ganesh	T. Ganesh.
14	0323008174	V.Navya sree	V.Navya Sree
15	0323008175	Y.Varshitha	Y.Varshitha

  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)



S.NO	HALL TICKET NO	NAME OF THE STUDENTS	Signature
1	0322008262	B.Bhavya	B. Bhavya
2	0322008270	E.Bhargavi	E. Bhargavi
3	0322008275	K.Chiranjeevi	K. Chiranjeevi
4	0322008281	M.Pavan kalyan	M. Pavan kalyan
5	0322008283	M.Gajendra Naik	M. Gajendra Naik
6	0322008286	N.Vishnu Vardhan	N. Vishnu Vardhan
7	0322008290	P.Amrutha raj	P. Amrutha raj
8	0322008291	P.Ramya	P. Ramya
9	0322008292	P.Mahesh	P. Mahesh
10	0322008293	Pv.Nynakshitha	Pv. Nynakshitha
11	0322008294	R.Vasavi	R. Vasavi
12	0322008298	B.Sonu prakash Naik	B. Sonu prakash Naik
13	0322008300	T.Nivedha	T. Nivedha

S.NO	HALL-TICKET NO.	NAME OF THE STUDENTS	SIGNATURE
1	0321008328	B.LAKSHMIKANTH NAIK	B. Lakshmi Kanth Naik
2	0321008330	B.SIVANI	B. Sivani
3	0321008334	D.HARSHITHA	D. Harshitha
4	0321008337	G.LOKANADHAM	G. Lokanadham
5	0321008338	J.MONESH KUMAR	J. Monesh Kumar
6	0321008344	K.JEEVAN KUMAR	K. Jeevan Kumar
7	0321008346	M.S.TASNEEM	M. S. Tasneem
8	0321008349	M.KISHORE NAIK	M. Kishore Naik
9	0321008361	Y.SANDHYA	Y. SANDHYA

  
 HEAD  
 DEPT. OF MICROBIOLOGY  
 SGS ARTS COLLEGE  
 TIRUPATI-517501 (A.P.)



### STUDENTS FEEDBACK

#### Objectives:

- This field visit provides interest to the students in learning new facts.
- This field trip ignites and enlightens students thoughts.
- Students develop scientific attitude towards problem solving.
- It provides a platform for the students to use their scientific knowledge and bring the best invention from their brains.
- Students observed the infrastructure , instrumentation .
- Subject Professors and research students explained the Instrumentation and their importance in detection , Analysis etc.

#### Outcomes:

- By this field visit, students learnt about several types of equipments like FLUORESCENT MICROSCOPE, ICE FLAKE MAKER, UV DOUBLE BEAM SPECTROSCOPY, FTIR SPECTROPHOTOMETER(Fourier-transform infrared spectroscopy) utilization in research field of Curie Department.
- Students get knowledge about use of SACCHAROPLOYSPORA ERYTHRAEA as antibiotic for the people who are allergic to penicillin, use ALCANIVORAX BORKUMESIS a degrading marine bacteria and use of CHLORELLA PYRENOIDOSA as inexpensive protein supplement in human diet.
- They get to about of other aspects also like mushroom cultivation, role of amino acids, food spoilage.
- Students get to know about importance applicative knowledge in research field which is useful in daily life.
- It makes many students to think out of the box.

  
HEAD  
DEPT. OF MICROBIOLOGY  
SGS ARTS COLLEGE  
TIRUPATI-517501 (A.P.)

**Department of Botany**  
**AYURVEDIC PHARMACY, TIRUPATI**  
**Field Trip**

DEPARTMENT OF BOTANY  
AYURVEDIC PHARMACY, TIRUPATI  
Academic Year 2022-2023

<u>S. No</u>		<u>DETAILS</u>
<u>1</u>	Name of the Department	<u>BOTANY</u>
<u>2</u>	Date of the Field Trip	24/08/2022
<u>3</u>	Name of the address of field trip	<u>Ayurvedic Pharmacy, Narasinga</u> <u>puram</u>
<u>4</u>	Class involved in field trip	<u>II BBC &amp;</u> <u>II CBZ</u>
<u>5</u>	No of students visited	<u>71</u>
<u>6</u>	Name of accompanying staff	<u>Smt. T. Sakuntha</u> <u>Smt. B. Sulochana Rani</u> <u>Smt. Dr. P. Saritha</u>
<u>7</u>	Profile of the field visited short	Department of Botany faculty visited on 24-08-2022 along with students. In ayurvedic Pharmacy, the director has explained about medicinal values of the plant. And also they demonstrated the preparation of medicines.
<u>8</u>	Objective of the visit	1. Identity various medicinal plants using observation skills 2. Explain properties of medicinal plants 3. Analyze phytochemical data of plant material
<u>9</u>	Out come of the visit	1. They gain knowledge about various medicinal values of plants. 2. Students upgraded with instrumentation.

  
**HEAD**  
Dept. of Botany  
S. P. S. Arts College, TIRUPATI

Tirupati.  
23/8/2022.

from,

T. Sakentala.  
H.O.D of Botany  
S.G.S. Arts College,  
Tirupati.

To,

The principal,  
S.G.S. Arts College,  
Tirupati.

Respected sir,

We are going to field trip to Navasloga-  
pawam with BCC & CBZ third year students. The  
staff members Smt. B. Sulochana Rani & Dr. P. Saritha  
accompanying them. Hence I request you to kindly  
grant me permission to go to field trip on 24/8/22.

Thanking you sir,

Staff members -

1. Smt. B. Sulochana Rani - b.sul - hi
2. Dr. P. Saritha - P. 1 - e

*B. Sakentala*  
23/08/2022  
PRINCIPAL  
S.G.S. ARTS COLLEGE  
T.T.D., TIRUPATI.

Yours faithfully,

T. Sakentala  
HEAD  
Dept. of Botany  
& S. Arts College, TIRUPATI



Students identifying the morphological features of *Vitex negundo*.







Students identifying the morphological features of *Solanum torreyana*.





S.No	Roll No.	Name of the Student	Signature
1.	20869	K. Anupriya	<i>K. Anupriya</i>
2.	20870	Y. Bhanu kiran	<i>Bhanu kiran</i>
3.	20871	N. Bhanu prasad	<i>Bhanu prasad</i>
4.	20873	D. Bhargava	<i>Bhargava</i>
5.	20874	C. Bhuvanesh	<i>C. Bhuvanesh</i>
6.	20875	H. Chaitanya	<i>H. Chaitanya</i>
7.	20876	A. Chandravamsi	<i>A. Chandravamsi</i>
8.	20877	K. Chandu	<i>K. Chandu</i>
9.	20879	K. Gauthami	<i>K. Gauthami</i>
10.	20880	R. Gunatya	<i>R. Gunatya</i>
11.	20881	M. Harion	<i>M. Harion</i>
12.	20884	K. Jhansi Bai	<i>K. Jhansi Bai</i>
13.	20885	K. Kamal	<i>Kamal</i>
14.	20886	V. Kiran kumar	<i>V. Kiran kumar</i>
15.	20887	A. Mahesh	<i>A. Mahesh</i>
16.	20888	A. Meghana	<i>A. Meghana</i>
17.	20889	C. Mohan	<i>C. Mohan</i>
18.	20890	D. Narasimha vardhan Reddy.	<i>D. Narasimha vardhan</i>
19.	20891	M. Navneet kumar	<i>M. Navneet kumar</i>
20.	20892	B. Pawan kalyan	<i>B. Pawan kalyan</i>
21.	20893	L. Praveen	<i>L. Praveen</i>
22.	20894	V. Praveen	<i>V. Praveen</i>
23.	20895	N. Prem sagar	<i>Prem sagar</i>
24.	20896	J. Radhika	<i>J. Radhika</i>
25.	20897	B. Raghui	<i>B. Raghui</i>
26.	20898	C. Sai jaywanthi kumar	<i>Sai jaywanthi kumar</i>
27.	20899	S. Sharath chandra	<i>S. Sharath chandra</i>

SNO	Roll. NO	Name of the student	Signature.
28.	20900	G. Siva kumar	G. Siva kumar
29.	20901	M. sivanada Reddy	M. Sivanada Reddy
30.	20902	G. Swathi	G. Swathi
31.	20903	B. Vamsi	B. Vamsi
32.	20905	P. Vennela	P. Vennela
33.	20906	M. Vinod kumar	M. Vinod kumar.



S.NO.	ROLL NO.	Name of the Student	Signature
1.	20919	C. Chakradhar Goud.	C. Chakradhar
2.	20920	P. Chan Basua.	P. Chan Basua
3.	20921	M. Dhaseeraj	M. Dhaseeraj
4.	20922	G. Divya Bharathi Reddy.	G. Divya
5.	20923	B. Gnanesh.	B. Gnanesh
6.	20924	K. G. Harsha Vardhan.	K. G. Harsha
7.	20926	K. Hemavathi	K. Hemavathi
8.	20927	D. Indira Mythori	D. Indira Mythori
9.	20928	R. S. Janaki Ram.	R. S. Janaki Ram
10.	20929	M. Kalyan.	M. Kalyan
11.	20930	N. Kiran.	N. Kiran
12.	20931	D. Krishna.	D. Krishna
13.	20932	T. Kushwathi	T. Kushwathi
14.	20933	T. Lakshmanan.	T. Lakshmanan
15.	20934	P. Leena.	P. Leena
16.	20935	A. Mamatha.	A. Mamatha
17.	20936	K. Manjusha.	K. Manjusha
18.	20937	A. Mohan.	A. Mohan
19.	20938	N. N. Rashini	N. N. Rashini
20.	20939	D. Natraj	D. Natraj
21.	20940	K. Navaz Kumar	K. Navaz Kumar
22.	20941	O. Pavan Kumar Raju.	O. P. K. Raju
23.	20942	K. Pavan Kumar.	K. Pavan Kumar.

24.	20943	B. phanendra kumar.	B. Ph...
25.	20944.	S. praveen.	S. praveen
26.	20945	T. Ravi kumar.	T. Ravikumar
27.	20946	K. Sai pratap.	K. Sai pratap
28.	20947	P. V. Saisree Harsha.	P. V. Saisree Harsha.
29.	20948	K. Sai Sreenivas.	K. Sai Sreenivas.
30.	20949	B. Subba Reddy.	B. Subba Reddy.
31.	20950	S. Surendra Babu.	S. S. Babu
32.	20951	R. Tejasree	R. Tejasree
33.	20952	P. Ushasree	P. Ushasree
34.	20953	M. Vara prasad	M. Vara Prasad
35.	20954	B. vidya vatti	B. Vidya vatti
36.	20955	T. Vignesh yadav.	T. V. Vignesh yadav.
37.	20956	C. vijaya Brahma	C. Vijaya Brahma
38.	20957	B. Yamini.	B. Yamini

# STUDENT FEED BACK FORM:

Date : 24-08-2022  
Semester: III

Academic year: 2022-2023

Name of the programme : Field Visit

Department : BOTANY

If you have attended Field Visit we encourage you to submit feedback for us.  
This will help us to improve our future and better meet the needs of our faculty.

S.NO	CRITERIA	RATING				
		Very poor	Poor	Average	Good	Excellent
1	Content of the programme				<input checked="" type="checkbox"/>	
2	Presentation style & delivery	Very poor	Poor	Average	Good	<input checked="" type="checkbox"/> Excellent
3	Was it motivating	Very little	Less	Average	Lots	Too much
4	was the time given for questions	Very little	Less	Average	<input checked="" type="checkbox"/> Lots	Too much
5	Was it useful for future	Very useless	Useless	Average	Useful	<input checked="" type="checkbox"/> Very much
6	To What extent you have learnt from this programme					
		Very little	Less	Average	<input checked="" type="checkbox"/> Lots	Too much
7	What is your all rating to this programme					
		Very poor	Poor	Average	<input checked="" type="checkbox"/> Good	Excellent

General Comments:

It has motivated me to study well.

k. Manjusha

Department of Zoology

# Field Visit to Poultry Farm

S G S ARTS COLLEGE, TIRUPATI

## Field Visit to Poultry Farm

Academic Year (2022-2023)

S No	Names	Details
1	Name of the Department	Zoology
2	Date of Field trip	11-10-2023
3	Name and address of field Visited	Poultry Farm, Rangampeta , Chandragiri.
4	Class involved in field trip	III MZC, CBZ Students.
5	No of students visited	54
6	Name of accompanying staff	S.N. Shameer, Dr B. Ravi.
7	Profile of the field visited in short	Department of Zoology faculty visited Poultry Farm on 11-10-2023 along with students and observed different types of breeding and different types of housing system.
8	Objective of the visit	<b>Objectives:</b> To gain knowledge about different types of breeding and different types of housing system and feeding types in the surrounding project area.
9	Outcome of the visit	<b>Learning out comes:</b> Students understand and gained knowledge about different types of bird breeds and their breeding & feeding types.

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



PERMISSION LETTER

S G S ARTS COLLEGE, TIRUPATI  
DEPARTMENT OF ZOOLOGY

2022-23

FIELD VISIT PERMISSION LETTER

**FROM**

S.N. SHAMEER,  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF ZOOLOGY,  
S G S ARTS COLLEGE  
TIRUPATI.

**TO**

THE PRINCIPAL,  
S G S ARTS COLLEGE,  
TIRUPATI.

Sub: Field visit to be undertaken by V semester Zoology students on different poultry farms - requesting permission ---reg.

RESPECTED SIR,

This is to bring for your kind information that the department of the zoology is planning for a field visit in Poultry Farms on oct 10, 2023 with III- year C IZ/MZC Zoology students as part of their course curriculum.

The students and the faculty members taking part in the field visit is mentioned in the enclosed list.

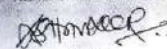
In this regard I request you to allow us to take part in the field visit mentioned above.

Thanking you

With Regards,

S.N. SHAMEER,

HEAD OF THE DEPARTMENT, ZOOLOGY.



HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

  
PRINCIPAL  
S.G.S. ARTS COLLEGE  
TIRUPATI.



HEAD

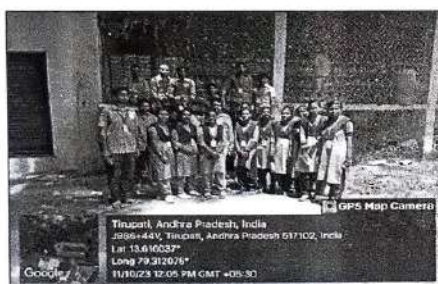
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

S G S ARTS COLLEGE, TIRUPATI

DEPARTMENT OF ZOOLOGY

2022-23

Attended field visit to poultry farm on 11-10-2023.



*[Signature]*

HEAD

Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

# S G S ARTS COLLEGE, TIRUPATI

## DEPARTMENT OF ZOOLOGY

2022-23

### Students who have attended the Field Trip

S.G.S. ARTS COLLEGE TIRUPATI  
DEPARTMENT OF ZOOLOGY 2022-23  
B.Sc. B.M.ZC Semester: V  
STUDENTS NAMES LIST  
FIELD VISIT TO POULTRY FARM  
DATE: 11-10-2023

S NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
01	0322008261	A. Nikhil	A. Nikhil
02	0322008262	B. Bhavya	B. Bhavya
03	0322008264	B. Umesh	B. Umesh
04	0322008266	B. Siddesh	B. Siddesh
05	0322008267	B. Venkatesh	B. Venkatesh
06	0322008268	C. Siva	C. Siva
07	0322008269	D. Hemanth	D. Hemanth
08	0322008270	E. Bhargavi	E. Bhargavi
09	0322008272	G. Madhu	G. Madhu
10	0322008274	K. Ajay Kumar	K. Ajay Kumar
11	0322008275	K. Chiranjeevi	K. Chiranjeevi
12	0322008277	K. Lalitha Nareyan	K. Lalitha Nareyan
13	0322008279	K. Upendra Reddy	K. Upendra Reddy
14	0322008281	M. Pavankalyan	M. Pavankalyan
15	0322008282	M. Dinesh	M. Dinesh
16	0322008283	M. Gajendra Naik	M. Gajendra Naik
17	0322008284	M. Nishish Koushik	M. Nishish Koushik
18	0322008285	M. Baby Priyanka	M. Baby Priyanka
19	0322008287	N. Vishnu Vardhan	N. Vishnu Vardhan
20	0322008289	P. Abhishek Babu	P. Abhishek Babu
21	0322008290	P. Amrutha Raj	P. Amrutha Raj
22	0322008291	P. Ramya	P. Ramya
23	0322008292	P. Mahesh	P. Mahesh
24	0322008293	P. Nynakshitha	P. Nynakshitha
25	0322008295	R. Vasavi	R. Vasavi
26	0322008296	R. Divya	R. Divya
27	0322008298	S. Sathish	S. Sathish
28	0322008298	B. Sonuprakash Naik	B. Sonuprakash Naik
29	0322008299	T. Anil	T. Anil
30	0322008300	T. Nivedha	T. Nivedha
31	0322008301	T. P. Nikhil	T. P. Nikhil
32	0322008302	V. C. Triveni	V. C. Triveni

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

*[Signature]*

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



SGS ARTS COLLEGE TIRUPATI

DEPARTMENT OF ZOOLOGY, 2022-23

IIB Sc CBZSemester IV

STUDENTS NAMES LIST

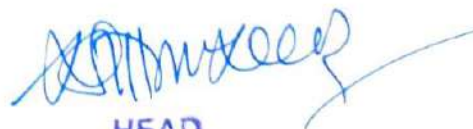
FIELD VISIT TO POULTRY FARM

DATE 11-10-2023

S.NO	HALL TICKET NO	NAME OF THE STUDENTS	SIGNATURES
1.	0322008037	B.jagadeesh	B. Jagadeesh
2.	0322008041	E.Rajesh	E. Rajesh
3.	0322008043	G.Jyothna	G. Jyothna
4.	0322008044	G.karthik	G. Karthik
5.	0322008045	G.manoharbabu	G. Manoharbabu
6.	0322008047	K.Hemakumar	K. Hemakumar
7.	0322008049	K.Raju	K. Raju
8.	0322008050	K.sangeetha	K. Sangeetha
9.	0322008279	K.tejaswini	K. Tejaswini
10.	0322008052	K.Harilingadu	K. Harilingadu
11.	0322008054	K.vinodkumar	K. Vinodkumar
12.	0322008055	M.Raju	M. Raju
13.	0322008056	M.supriya	M. Supriya
14.	0322008057	M.bhoomika	M. Bhoomika
15.	0322008058	M.vasu Deva reddy	M. Vasu Deva reddy
16.	0322008059	P.vanisree	P. Vanisree
17.	0322008060	P.Lavanya	P. Lavanya
18.	0322008062	S.Ahmad Ali	S. Ahmad Ali
19.	0322008065	T. Teja	T. Teja
20.	0322008066	M.varsha	M. Varsha
21.	0322008067	Y.prameela	Y. Prameela
22.	0322008068	Y.Ganga Devi	Y. Ganga Devi



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S.G.S. Arts College  
TIRUPATI-517 501



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Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



## STUDENTS FEEDBACK FORM ON FIELD VISIT TO POULTRY FARM

### STUDENT FEEDBACK REPORT

### STUDENT FEEDBACK FORM

Date: 10.10.23

Academic year: 2022-23

Semester: V Sem

Name of the program: Field visit to Poultry farm

### DEPARTMENT OF ZOOLOGY

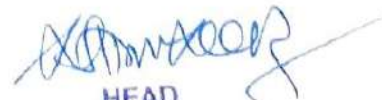
If you have attended our field visit we encourage you to submit feedback for us. This will help us to improve our future sessions and better meet the needs of our faculty.

S.no	CRITERIA	RATING				
1	Content of the programme	Very poor	Poor	Average	Good ✓	Excellent
2	Presentation style & delivery	Very poor	Poor	Average	Good ✓	Excellent
3	Was it motivating	Very little	Less	Average	Lots ✓	Very much
4	Was the time given for questions	Very little	Less	Average	Lots ✓	Very much
5	Was it useful for future	Very little	Useless	Average	Useful ✓	Very much
6	To what extent you have learnt from this programme	Very little	Less	Average	Lots ✓	Very much
7	What is your all rating to this programme	Very poor	Poor	Average	Good ✓	Excellent

General comments: It has motivated me to study well.

Signature: Nisha Hegde

Date: 13.10.2023



HEAD

Department of Zoology  
S.G.S. Arts College  
JIRUPATI-517 501

# STUDENT FEEDBACK REPORT

## STUDENT FEEDBACK FORM

Date: 11-10-2023

Academic year: 2022-2023

Semester: 1<sup>st</sup> Sem

Name of the program: Field visit to poultry farm

### DEPARTMENT OF ZOOLOGY

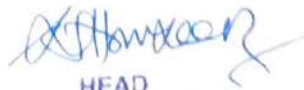
If you have attended our field visit we encourage you to submit feedback for us. This will help us to improve our future sessions and better meet the needs of our faculty.

S.no	CRITERIA	RATING				
1	Content of the programme	Very poor	Poor	Average	Good	Excellent
2	Presentation style & delivery	Very poor	Poor	Average	Good	Excellent
3	Was it motivating	Very little	Less	Average	Lots	Very much
4	Was the time given for questions	Very little	Less	Average	Lots	Very much
5	Was it useful for future	Very useless	Useless	Average	Useful	Very much
6	To what extent you have learnt from this programme	Very little	Less	Average	Lots	Very much
7	What is your all rating to this programme	Very poor	Poor	Average	Good	Excellent

General comments: It has motivated me to study well.

Signature: R. Ravi

Date: 13-10-23

  
 HEAD  
 Department of Zoology  
 S.G.S. Arts College  
 TIRUPATI-517 501

# STUDENT FEEDBACK REPORT

## STUDENT FEEDBACK FORM

Date: 11-10-2023

Academic year: 2022-2023

Semester: V<sup>th</sup> Semesters

Name of the program: Field visit to poultry farm

### DEPARTMENT OF ZOOLOGY

If you have attended our field visit we encourage you to submit feedback for us. This will help us to improve our future sessions and better meet the needs of our faculty.

S.no	CRITERIA	RATING				
1	Content of the programme	Very poor	Poor	Average	Good	Excellent
2	Presentation style & delivery	Very poor	Poor	Average	Good	Excellent
3	Was it motivating	Very little	Less	Average	Lots	Very much
4	Was the time given for questions	Very little	Less	Average	Lots	Very much
5	Was it useful for future	Very useless	Useless	Average	Useful	Very much
6	To what extent you have learnt from this programme	Very little	Less	Average	Lots	Very much
7	What is your all rating to this programme	Very poor	Poor	Average	Good	Excellent

General comments: It has motivated me to study well.

Signature: E. Bhargavi

Date: 13-10-2023

HEAD

Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



## **Other Programmes**

- 1. Orientation Programs**
- 2. Bridge Courses**
- 3. Skill development Course**
- 4. Certificate Courses**



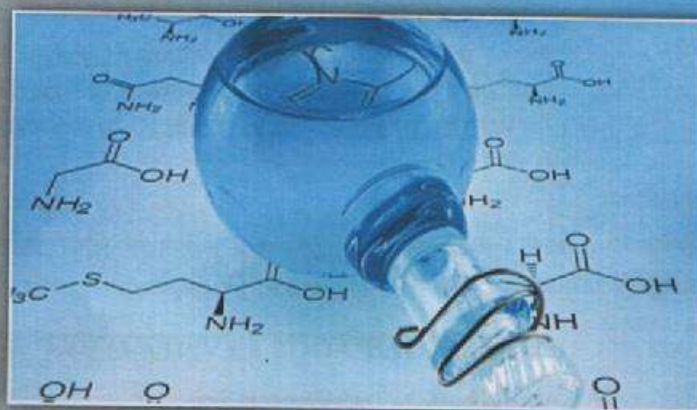
**"OM NAMO VENKATESHAYA"**  
**SGS ARTS COLLEGE, TTD, TIRUPATI**



ISO AFFILIATED

# ACADEMIC YEAR 2022-2023

Department of Chemistry



## LAB ORIENTATION PROGRAM

Tirupati,

Date: 07-Dec-2022

**From**

The **HOD** of **CHEMISTRY**  
S.G.S.Arts College,  
Tirupati.

**To**

The **Principal**,  
S.G.S.Arts College,  
Tirupati.

Respected Sir,

**Sub:** - Permission for Conducting **LAB ORIENTATION PROGRAM** – Request – Regarding.

\*\*\*\*\*

We are conducting **LAB ORIENTATION PROGRAM** for **I YEAR STUDENTS**.

Hence, I Request you to grant me permission **09-Dec-2022 FN** ,

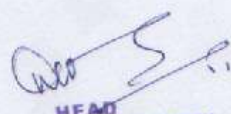
Thanking you Sir.

Yours Faithfully,

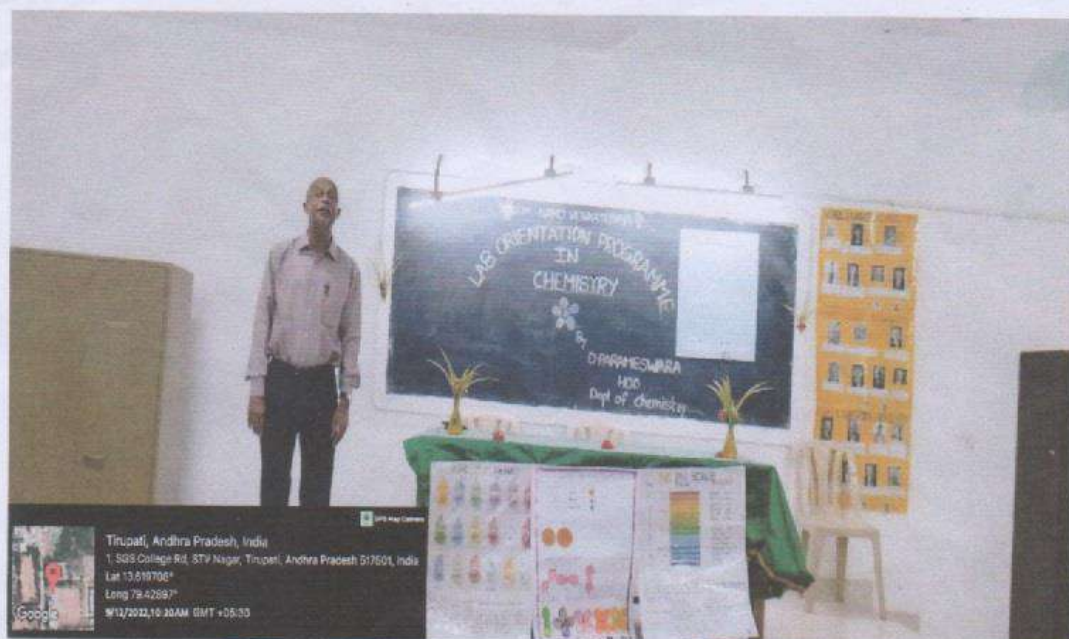
HOD

Copy to:

The Students.

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**





Lab Introduction to I year Students by  
 Sri. D. Parameswara, HOD. Dept. of chemistry.







①

SGIS ARTS COLLEGE, TIRUCHANOUR ROAD, TIRUPATHI

DEPT. OF CHEMISTRY

STUDENT ATTENDANCE LIST FOR LABORATORY ORIENTATION PROGRAM

GROUP - MPC (EM)

SNO	Roll No.	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1.	321001	ALANGADU, ROHITH	A. Rohith
2.	321002	A. MALLIKARTJUNA	A. malikarjuna
3.	321003	A. TIRUPATHIRAO	A. Tirupathi Rao.
4.	321004	A. SRIRAM	A. srinidhi
5.	321005	A. SANJAY	A. sanjay
6.	321006	B. VISHNU VARDHAN NAIDU	B. Vishnu vardhan Naidu
7.	321007	B. VISHNU	B. vishnu.
8.	321008	B. HANUMANTHU	B. Hanumanthu
9.	321009	C. HARI BABU	C. Hari babu
10.	321010	C. CHANDU YADAV	C. Chandu yadav
11.	321011	C. NAVEEN	A. srinidhi
12.	321012	D. SIVA KUMAR	D. Sivakumar
13.	321013	D. DATHU	D. Dathan
14.	321014	D. RAGHAVENDRA	D. Raghavendra
15.	321015	D. GOWITHAM KUMAR	A. srinidhi

GROUP - MPC (EM)

S.NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
16.	321016	G. SHESHADRI	G. sheshadri
17.	321017	G. SABAREESH	Absent
18.	321018	J. MANOVIKAS	J. Manovikas.
19.	321019	K. SIVASANKAR	K. Siva Sankar
20.	321020	K. THIRUMALANATH	K. Thirumalanath
21.	321021	K. NIRANJAN	Absent
22.	321022	K. MAHESH	K. Mahesh
23.	321023	K. SUNKANNA	K. Sunkanna
24.	321024	L. JANARDHAN.	L. Janardhan.
25.	321025	M. RAMANANEYAREDDY	M. Ramanu neya Reddy
26.	321026	M. VENKATESH.	Absent
27.	321027	M. TEJNATH.	M. Tejnath
28.	321028	M. SRINATH	M. Srinath
29.	321029	M. ANIL	M. ANIL
30.	321030	N. SEETHARAMIREDDY	Absent
31.	321031	N. LOKESWARA REDDY	N. Lokeswara Reddy
32.	321032	P. PAVAN KUMAR	P. Pavan Kumar.
33.	321033	P. SUNIL BABU	P. Sunil babu
34.	321034	P. MALLIKARJUNA	P. mallikarjunu
35.	321035	P. MAHENDRA.	P. Mahendra



3

Group - MPC(EM)

SNO	ROLL NO.	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
36	321036	S. KRISHNA VAMSI	Abhant
37	321037	SK. Aslam Basha	Abhant
38	321038	S. TRIVEDI	S. Trivedi
39	321039	S. RAKESH	S. Rakesh
40	321040	S. GINANAPRAKASH	P. Gnanaprakash
41	321041	T. DEVA	T. Deva
42	321042	V. THAYANNA	V. Thayanna
43	321043	Y. MANOJ KUMAR	Y. Manoj Kumar
44	321044	Y. HARI KRISHNA	Y. Harikrishna
45	321045	Y. SUKADEV	
46	321046	Y. RAVINDRA PRASAD	<del>Y. Ravindra Prasad</del>

SGS ARTS COLLEGE TIRUCHANOOR ROAD, TIRUPATHI

DEPT. OF CHEMISTRY

STUDENT ATTENDANCE LIST FOR LABORATORY ORIENTATION PROGRAM

GROUP - MZC (EM)

S.No	Roll. No	NAME OF THE STUDENT	SIGNATURE OF STUDENT
1	321451	A. Nikhil	A. Nikhil
2	321452	B. Bhavya	B. Bhavya
3	321453	B. Ashok kumar	Abhishek
4	321454	B. Umesh	B. Umesh
5	321456	B. Siddesh	B. Siddesh
6	321457	B. Venkatesh	B. Venkatesh
7	321458	C. Siva	C. Siva
8	321459	D. Homanjali	D. Homanjali
9	321460	E. Bhargavi	E. Bhargavi
10	321461	G. Jahnavi	Abhishek
11	321462	G. Madhu	G. Madhu
12	321463	J. sashi prae tham	Abhishek
13	321464	k. Ajay kumar	k. Ajay kumar
14	321465	k. Ghiranjeevi	k. Ghiranjeevi
15	321466	k. Tejaswini	Abhishek
16	321467	k. Lakshminarayana	k. Lakshminarayana
17	321468	k. kalyani	k. kalyani



SGS ARTS COLLEGE TIRUCHANODUR ROAD, TIRUPATHI

(5)

DEPT. OF CHEMISTRY

STUDENT ATTENDANCE LIST FOR LABORATORY ORIENTATION PROGRAM

Group - MZC

S.No	Roll No	NAME OF THE STUDENT	SIGNATURE OF STUDENT
18	321469	K. Upendra Reddy	K. Upendra Reddy
19	321470	K. Leelavathi	K. Leelavathi
20	321471	M. Pavankalyan	M. Pavankalyan
21	321472	M. Dinesh	M. Dinesh
22	321473	M. Gajendra Naik	M. Gajendra Naik
23	321474	M. Nithish Kaushik	M. Nithish Kaushik
24	321475	M. Baby Priyanka	M. Baby Priyanka
25	321476	N. Vishnu Vardhan	N. Vishnu Vardhan
26	321477	N. Renuka	N. Renuka
27	321478	N. Taanya Priya	N. Taanya Priya
28	321479	P. Abishai Babu	P. Abishai Babu
29	321480	P. Amrutha Raj	P. Amrutha Raj
30	321481	P. Ramya	P. Ramya
31	321482	P. Mahesh	P. Mahesh
32	321483	P. Nynakshitha	P. Nynakshitha
33	321484	R. Vasavi	R. Vasavi
34	321485	R. Divya	R. Divya
35	321486	S. Seethesh	S. Seethesh
36	321487	S. Jyothi	S. Jyothi
37	321488	B. Sonu Prakash Naik	B. Sonu Prakash Naik
38	321489	T. Anil	T. Anil

SGS Arts college TIRUCHANUR Road, Tirupati  
Dept of chemistry

(6)

Student Attendance List for Laboratory Orientation Programme

GROUP - BSc(CBZ)(E.M)

S.No	Roll Number	Name of the student	Signature.
1,	321351	A. Dinesh	A. Dinesh
2,	321352	B. Jagadesh Naik	B. Jagadesh Naik
3,	321353	C. veeranjineyulu	C. veeranjineyulu
4,	321354	C. Narendra	Abinet
5,	321355	E. Rajesh	E. Rajesh
6,	321356	G. N Lokesh	G. N. Lokesh
7,	321357	G. Jyosthna	G. Jyosthna
8,	321358	G. Karthik	G. Karthik
9,	321359	G. mahofar babu	Abinet
10,	321360	G. Hemanth Kumar	G. Hemanth Kumar
11,	321361	K. Hema Kumar	K. Hema Kumar
12,	321362	K. Siva	K. Siva
13,	321363	K. Raju	K. Raju
14,	321364	K. Sangeetha	K. Sangeetha
15,	321365	K. Tejaswini	K. Tejaswini
16,	321366	K. Anjali	K. Anjali
17,	321367	K. Hari Lingado.	K. Hari Lingado



(7)

S.No	Roll Number	Name	Signature
18,	321368	K. Sudhakar	K. Sudhakar
19,	321369	K. Vinod Kumar	K. Vinod Kumar
20,	321370	M. Raju	M. Raju
21,	321371	M. Supriya	M. Supriya
22,	321372	M. Bhoomika	M. Bhoomika
23,	321373	M. Vaso Deva Reddy	M. Vaso Deva Reddy
24,	321374	P. Vanisree	P. Vanisree
25,	321375	P. Laya Lavanya	P. Lavanya
26,	321376	S. Ahmad Ali	S. Ahmad Ali
27,	321377	H. Lakshmi Balaji	H. Lakshmi Balaji
28,	321378	T. Bhagya Sri	T. Bhagya Sri
29,	321379	T. Teja	T. Teja
30,	321380	M. Varsha	M. Varsha
31,	321381	Y. Prameela	Y. Prameela
32,	321382	Y. Ganga devi	Y. Ganga devi

SGS ARTS COLLEGE TIRUCHANDUR ROAD, TIRUPATI,  
DEPT. OF CHEMISTRY

STUDENT ATTENDANCE LIST FOR LABORATORY  
ORIENTATION PROGRAM

GROUP - BBC (EM)			
S.NO	Roll No.	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1.	321401	B. Sreelatha	B. Sreelatha
2.	321402	B. Sunil Naik	B. Sunil
3.	321403	B. Reddy Prasanth <del>Sai Prasad</del>	B. Reddy Prasanth
4.	321404	B. Sai Prasad	B. Sai Prasad
5.	321405	B. Aravind	B. Aravind
6.	321406	D. Anitha	D. Anitha
7.	321407	M. Devendra Naik	Absent -
8.	321408	G. Snehalatha Reddy	G. Sneha.
9.	321409.	G. Naga babu	G. Nagababu
10.	321410	G. Jokesk	G. Jokesk
11.	321411	G. Jagadeesh	G. Jagadeesh.
12.	321412	J. Sugunakar	J. Sugunakar
13.	321413	J. Teja sree	J. Tejasree
14.	321414	K. Sri kala	K. Sri kala
15.	321415	L. Jaya Prakash	Absent -
16.	321416	M. Bala Gurupiah	M. Bala
17.	321417	M. Lokesh babu	M. Lokesh Babu



(9)

S.No.	Roll No.	Name of the student	Sign of the student
18.	321418	M. Tejaswi	M. Tejaswi
19.	321419	M. Loukya	M. Loukya
20.	321420	M. Jeeran	M. Jeeran
21.	321421	M. Jahnvi	M. Jahnvi
22.	321422	N.V. Hari keerthi	N.V. Harikeerthi
23.	321423	P. Mukesh Rushi	P. Mukesh Rushi
24.	321424	P. Yagwanth	Abhishek
25.	321425	P. Chandramouli	P. Chandramouli
26.	321426	P. Venkateswara	Abhishek
27.	321427	P. Vinod Kumar	P. Vinod Kumar
28.	321428	P. Poojitha	P. Poojitha
29.	321429	S. Sudheer	S. Sudheer
30.	321430	T. Chandrasekhar	T. Chandrasekhar
31.	321431	Y. Rajendra Prasad	Abhishek
32.	321432	V. Venkata Vinay Kumar	V. Venkata Vinay Kumar
33.	321433	Y. Sree vaishnavi	Y. Sreevaishnavi
34.	321434	Y. Suresh	Y. Suresh

**LAB ORIENTATION PROGRAM (Date:09-Dec -2022)**

Chemistry Department Conducted LAB ORIENTATION PROGRAM in  
laboratory:- 1 for 1 YEAR BBC,MZC,CBZ & MPC Students.

**S.G.S.ARTS COLLEGE, TTD, TIRUPATI**  
**DEPARTMENT OF CHEMISTRY**  
**EVENT ORGANISED REPORT: (2022-2023)**

1	Name of the Department	CHEMISTRY
2	Name of Event Organized	LAB ORIENTATION PROGRAM
4	Name of Coordinator of Event	Sri .D.PARAMESWARA
5	Class of the Participants	1 YEAR BBC,MZC,CBZ & MPC
6	No. of Participants	155
7	OBJECTIVES	<ul style="list-style-type: none"><li>• TO BRING AWARENESS ABOUT GLASS WARE,EQUIPMENT,CHEMICALS &amp; PROCEDURES INVOLVED IN LABORATORY</li><li>• TO FOLLOW SAFTY PRECAUTIONS WHILE PERFORMING PRACTICALS</li></ul>
8	OUTCOMES	<ul style="list-style-type: none"><li>• STUDENTS GOT AWARENESS ON HOW TO HANDLE GLASS WAR&amp; LABORATORY EQUIPMENT.</li></ul>

  
**HEAD**  
**DEPARTMENT OF CHEMISTRY**  
**S. G. S. ARTS COLLEGE**  
**TIRUPATHI**



## Bridge Courses

ARTS COLLEGE, TTD, TIRUPATI

ESTD : 1969

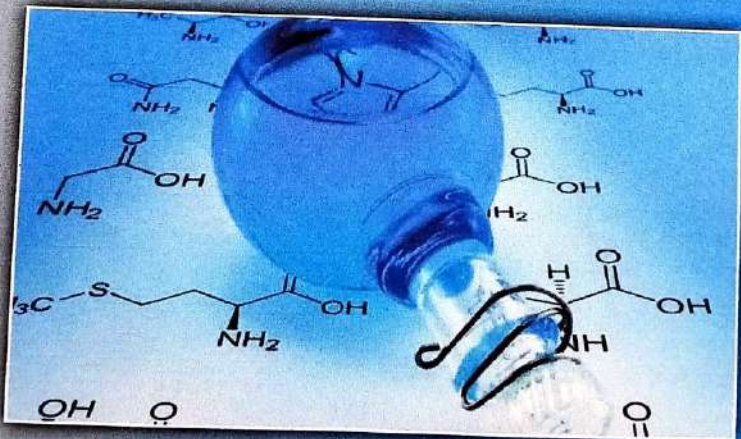
SRI GOVINDARAJA SWAMY ARTS COLLEGE  
T.T.D. TIRUPATI  
सत्यमेव जयते

ACCREDITED WITH GRAD  
**A+**  
NAAC

ISO AFFILIATED

**ACADEMIC YEAR  
2022-2023**

Department of Chemistry



**BRIDGE COURSE**

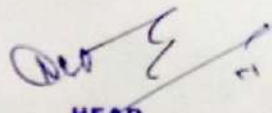
ACADEMIC YEAR: 2022-2023  
SGS Arts College, Tirupati  
Department of Chemistry



Circular

First-year Life Sciences students who studied vocational courses at the intermediate level are informed to attend the bridge course which will be held at seminar hall, SGS Degree College, Tirupati from 14-11-2022 to 19-11-2022.

Head,  
Department of Chemistry

  
**HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI**



HEAD

Tirupathi  
09.11.2022

From  
Sri. D. Parameswara,  
HOD of Chemistry,  
SGS Arts College,  
Tirupathi.

To  
The Principal,  
SGS Arts College,  
Tirupathi.

Sir,

Sub:- Permission for conducting Chemistry Bridge course to students of  
first year degree – request – Regarding.  
&&&&

Kindly permit the Department of Chemistry to conduct Bridge  
Course to the students of first year degree who studied Vocational Course in  
intermediate for one week i.e. from 14-11-2022 to 19-11-2022. Time table and  
syllabus are enclosed.

Thanking you sir

Yours faithfully

  
**HEAD  
DEPARTMENT OF CHEMISTRY  
S. G. S. ARTS COLLEGE  
TIRUPATHI**



ACADEMIC YEAR:2022-2023  
Department of Chemistry  
Bridge Course Student Attendance List



S.No	Name of the student	Course Studied in Intermediate	Programme Joined in UG	14-11-2022	15-11-2022	16-11-2022	17-11-2022	18-11-2022	19-11-2022
1	K.Dinesh	MLT ( Medical Lab Technician Course)	BBC	X	X	X	X	X	X
2	S.Hanuk	Agl.Polytechnic	BBC	X	X	a	X	X	X
3	K.Sachin	MLT ( Medical Lab Technician Course)	BBC	X	X	X	X	X	X
4	M.Sasanka	Agl.Polytechnic	BBC	X	X	X	X	X	X
5	C.Venkatalak	MLT ( Medical Lab Technician Course)	BBC	X	X	X	X	X	X
6	N.Dinesh kun	MLT ( Medical Lab Technician Course)	MZC	X	X	X	X	a	X
7	P.PavankuMA	MLT ( Medical Lab Technician Course)	MZC	X	X	X	X	X	X

W A K P W A

W A K P W A



**ACADEMIC YEAR:2022-2023**  
**Bridge Course in Chemistry**  
**Syllabus**



S.No	Subject	Syllabus
1	Inorganic Chemistry	Electronic Configuration of elements Classification of elements in to s,p,d,f blocks. Periodic properties
2	Physical Chemistry	States of matter- Gaseous state,solid state Solutions Ionic Equilibria
3	Organic Chemistry	Nomenclature of Organic Compounds Types of Reactions Types of Reagents Bond polarising Effects Reaction Intermediates
4	General Chemistry	Stereo Chemistry Colloids Adsorption Analytical Chemistry





ACADEMIC YEAR:2022-2023  
Bridge Course in Chemistry  
Students Marks List



S.No	Name of the student	Marks
1	K.Dinesh	18
2	S.Hanuk	16
3	K.Sachin	17
4	M.Sasanka	17
5	C.Venkatalakshmi	18
6	N.Dinesh kumar	13
7	P.PavankuMAR	15
8	S.Yedukondalu	14

*K. Ravi*  
SIGNATURE





**ACADEMIC YEAR:2022-2023**  
**Bridge Course-Summary**



<b>Name of the programme</b>	Bridge course in chemistry for vocational students
<b>Duration of Course</b>	One Week
<b>Date</b>	14-11-2022 to 19-11-2022
<b>Venue</b>	Seminar Hall

S.No	Subject name	Faculty Name	
1	Inorganic Chemistry	P Suguna	4
2	Physical Chemistry	V Venkata Lakshmi	4
3	Organic Chemistry	P.Srujana	4
4	General Chemistry	K. Revathi	4

ACADEMIC YEAR:2022-2023  
Bridge Course-Summary



Name of the programme	Bridge course in chemistry for vocational students
Duration of Course	One Week
Date	14-11-2022 to 19-11-2022
Venue	Seminar Hall

S.No	Subject name	Faculty Name	
1	Inorganic Chemistry	P Suguna	4
2	Physical Chemistry	V Venkata Lakshmi	4
3	Organic Chemistry	P.Srujana	4
4	General Chemistry	K. Revathi	4



ACADEMIC YEAR:2022-2023  
Bridge Course in Chemistry  
Students List



S.No	Name of the student	Signature
1	K.Dinesh	K. Dinesh
2	S.Hanuk	S. Hanuk
3	K.Sachin	K. Sachin
4	M.Sasanka	M. Sasanka
5	C.Venkatalakshmi	C. Venkatalakshmi
6	N.Dinesh kumar	N. Dinesh kumar
7	P.Pavankumar	P. Pavankumar
8	S.Yedukondalu	S. Yedukondalu

SIGNATURE



**ACADEMIC YEAR:2022-2023**  
**Department of Chemistry**  
**Bridge Course Time Table**



Day	10AM-11AM	11AM-12NOON	12NOON-1PM	2PM-3PM	3PM-4PM
Monday	Inorganic	Physical	Organic	General	Q&A Session
Tuesday	Physical	Organic	General	Inorganic	
Wednesday	Organic	General	Inorganic	Physical	
Thursday	General	Inorganic	Physical	Organic	
Friday	Inorganic	Physical	Organic	General	
Saturday	Physical	Organic	General	Inorganic	



## BRIDGE COURSE



# **Bride course**

## **Department of Zoology**

OM NAMO VENKATESAYA  
SRI GOVINDARAJA SWAMY ARTS COLLEGE-TIRUPATI  
TIRUMALA TIRUPATI DEVASTHANAMS  
(AFFILIATED TO S.V. UNIVERSITY, TIRUPATI)  
Estd : 1969



SGS ARTS COLLEGE  
DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE  
ACADAMIC YEAR 2022-2023

  
HEAD  
Department of Zoology  
S.G.S. Arts Coll  
TIRUPATI

**DETAILS OF COURSE**

Name of the certificate course	: MILK ADULTERATION
Batch	: 1 & 2
Timing	: Theory 04:00 to 05:00 pm Practicals 09:00 to 10:00 am
No. Of students/Dept/year/Course Durat	: 35/ZOOLOGY/2022/40 Hours
Venue	: Theory : Room No: 120,121 : Practicals :ZOOLOGY LAB
Pre requisite	: Students having Zoology as one of the subject
Eligible groups	: MZC & CBZ
Trainers	: Sri. S.N.Shameer, Dr.B.Ravi
Certificate	: Yes
Course Coordinator	: Sri.S.N.Shameer

  
HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

Permission Letter  
SGSCA Dept of Zoology /HOD/Certificate course

Date:19-11-2022

From,

HOD,  
Department of Zoology,  
S.G.S Art's College,  
Tirupati.

To,

The Principal,  
S.G.S Art's College,  
Tirupati.

Respected sir,

Sub: Request for permission to conduct certificate course in MILK ADULTERATION - Regarding

We have planned to conduct a forty hours certificate course MILK ADULTERATION two batches of second year students Life Science group from 22-11-2022 to 23-12-2022 . Therefore kindly permit us.so conduct this certificate course.

Thanking you,

Your Faithfully,



HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



**NOTICE**

SGSAC/Dept.of Zoology/HOD/Certificate Course

All the students of Batch 1 and Batch 2 who are enrolled for  
Certificate Course in MILK ADULTERATION are hereby informed that the  
Final Examination will be held on 25-12-2022.

**Date:23-12-2022**

**HOD**

  
**HEAD**  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

### NOTICE

SGSAC/Dept. of Zoology/HOD/Certificate Course

It is to inform all the Second Year students of Life Science groups that we are going to conduct a Certificate Course. The details of the course offered are as followed.

Course name	MILK ADULTERATION
Course date & duration	22/Nov/22 to 23/Dec/22:40 hours. 4 weeks
Timings	Batch 1: Theory:9:00AMto10:00Am Practical:4:00PMto5:00PM  Batch 2: Theory:4:00PMto5:00PM Practical:9:00AMto10:00AM
Course Mentors	Batch 1:S.N.Shameer Batch 2:Dr.B.Ravi

Students who are interested to join the course can contact the Coordinator of Certificate Course Sri.S.N.Shameer for further details of course content,study material and prerequisite of the course.

HOD



Course Coordinator

— **HEAD**  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

TirumalaTirupatiDevasthanam

SGS ARTS COLLEGE ,Tirupati

Department of Zoology

Syllabus of certificate course in milk adulteration

Course Code no:101:Introduction to Milk and Milk Products

**Course Objective:**

- 1.To understand the introduction and composition of milk.
- 2.To provide hands on training about milk and milk detection methods.,

**Course learning outcomes:**

After successful completion of the course, students will be able to:

- 1.This course provides knowledge on various types of milk and milk products.
- 2.It provides knowledge to students on various tests to detect quality of milk and milk products

**Unit I :**

DAIRY CHEMISTRY : Milk Composition – Physico Chemical properties of milk - Animal, Feed and Environmental factors influencing the composition of milk – Milk lipids, proteins, Sugar and their biosynthesis, classes and significance – Minerals and Vitamins in milk – Thermal stability of Milk – Freezing Point depression of Milk.

**Unit II :**

DAIRY PROCESSING AND TECHNOLOGY: Dairy processing – Milk collection, transportation & Grading of milk – Standardization – Pasteurization – homogenization of milk – packaging of milk – cleaning and sanitation – Cleaning in Place (CIP) System of cleaning agents – Dairy technology – Manufacture of Fat rich dairy products cream – butter – ghee – Ice cream – concentrated and dried milk products – cheese and other fermented products – manufacture of Dahi – Yoghurt – Shrikand – Indigenous milk products – Effective utilization of dairy by – products.

**Unit III :**

QUALITY ANALYSIS OF MILK : Sensory analysis of milk – Determination of Specific gravity, fat , SNF, TS, Acidity & pH in milk and their significance and interpretation – Determination and significance of MBR Test – SPC – Phosphatase activity in milk – common adulterants in milk and their detection techniques – Advanced analytical techniques in milk and milk products.

**Unit IV :**

STANDARDS FOR MILK AND MILK PRODUCTS : Definition of Milk and Milk Products under the PFA Rules , 1955/Food Safety Act 2006 – Classes of Milk – Legal / Statutory standards of milk and milk products – bacteriological standards for milk and milk products – BIS, PFA standards – Maximum Permissible limits of Aflatoxin, Pesticides, Antibiotic residues and Heavy metals in Milk and Milk Products – Storage of Milk and Milk Products – Labeling of Milk and Milk products.

**REFERENCE BOOKS :**

- 1.Dairy science: Petersen (W.E) Publisher – Lippincott & Company
- 2.Outlines of Dairy Technology – Sukumar (De) – Oxford University press
- 3.Indian Dairy products – Rangappa (K.S.) & Achary (KT) – Asia Publishing House.
- 4.The technology of milk processing – Ananthakrishnan, C.P., Khan, A.Q. and Padmanabhan, P.N.Shri Lakshmi publications.
- 5.Dairy India 2007, Sixth edition 6. Economic of Milk Production – BharatiPratimaAcharya Publishers.

HEAD

Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TIRUPATI**

**ADD ON COURSE : MILK ADULTERATION**

**Student Name list**

**Batch-I**

S.No	Roll no	Name of the student	CLASS
1	321351	B. Jagadeesh	II CBZ
2	321355	E. Ramesh	II CBZ
3	321357	G. Jyoshna	II CBZ
4	321358	G. Karthik	II CBZ
5	321359	G. Manohar Babu	II CBZ
6	321361	K. Hema Kumar	II CBZ
7	321363	K. Raju	II CBZ
8	321364	K. Sangeetha	II CBZ
9	321365	K. Tejaswini	II CBZ
10	321367	K. Hari Lingadu	II CBZ
11	321369	K. Vinod Kumar	II CBZ
12	321370	M. Raju	II CBZ
13	321371	M. Supriya	II CBZ
14	321372	M. Bhoomika	II CBZ
15	321373	M. Vasu Deva Reddy	II CBZ
16	321374	P. Vani sree	II CBZ
17	321375	P. Lavanya	II CBZ
18	321376	S. Ahmad Ali	II CBZ
19	321379	T. Teja	II CBZ
20	321380	M. Varsha	II CBZ
21	321381	Y. Prameela	II CBZ
22	321382	Y. Ganga Devi	II CBZ



**HEAD**

**Department of Zoology**  
**S.G.S. Arts College**  
**TIRUPATI-517 501**



**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TIRUPATI**

**ADD ON COURSE : MILK ADULTERATION**

**Student Name list**

**Batch-II**

S.No.	Roll No.	Name of the Student	Class
1	321451	A. Nikhil	II MZC
2	321452	B. Bhavya	II MZC
3	321454	B. Umesh	II MZC
4	321455	B. Siddesh	II MZC
5	321457	B. Venkatesh	II MZC
6	321458	C. Siva	II MZC
7	321459	D. Homanjali	II MZC
8	321460	E. Bhargavi	II MZC
9	321462	G. Madhu	II MZC
10	321464	K. Ajay Kumar	II MZC
11	321465	K. Chiranjeevi	II MZC
12	321467	K. Lakshmi Narayana	II MZC
13	321469	K. Upendra Reddy	II MZC
14	321471	M. Pavan Kalyan	II MZC
15	321472	M. Dinesh	II MZC
16	321473	M. Gajendra Naik	II MZC
17	321474	M. Nithish koushik	II MZC
18	321475	M. Baby Priyanka	II MZC
19	321476	N. Vishnu vardhan	II MZC
20	321479	P. Abhishai Babu	II MZC
21	321480	P. Amruth Raj	II MZC
22	321481	P. Ramya	II MZC
23	321482	P. Mahesh	II MZC
24	321483	P. V. Nynakshitha	II MZC
25	321484	R. Vasavi	II MZC
26	321485	R. Divya	II MZC
27	321486	S. Sathish	II MZC
28	321488	B. Sonu Prakash naik	II MZC
29	321489	T. Anil	II MZC
30	321490	T. Nivedha	II MZC
31	321491	T. P. Nikhil	II MZC
32	321492	V. C. Triveni	II MZC



**HEAD**

**Department of Zoology,  
S.G.S. Arts College  
TIRUPATI-517 501**

**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TIRUPATI**

**ADD ON COURSE MILK ADULTERATION**

**Bsc.CBZ**

**Batch-I**

S.No	Roll no	Name of the student	SIGNATURE
1	321351	B. Jagadeesh Naick	B. Jagadeesh Naick
2	321355	E. Rajesh E. Rajesh	E. Rajesh
3	321357	G. Jyoshna	G. Jyoshna
4	321358	G. Karthik	G. Karthik
5	321359	G. Manohar Babu	G. Manohar Babu
6	321361	K. Hema Kumar	K. Hema Kumar
7	321363	K. Raju	K. Raju
8	321364	K. Sangeetha	K. Sangeetha
9	321365	K. Tejaswini	K. Tejaswini
10	321367	K. Hari Lingadu	K. Hari Lingadu
11	321369	K. Vinod Kumar	K. Vinod Kumar
12	321370	M. Raju	M. Raju
13	321371	M. Supriya	M. Supriya
14	321372	M. Bhoomika	M. Bhoomika
15	321373	M. Vasu Deva Reddy	M. Vasu Deva Reddy
16	321374	P. Vani sree	P. Vani sree
17	321375	P. Lavanya	P. Lavanya
18	321376	S. Ahmad Ali	S. Ahmad Ali
19	321379	T. Teja	T. Teja
20	321380	M. Varsha	M. Varsha
21	321381	Y. Prameela	Y. Prameela
22	321382	Y. Ganga Devi	Y. Ganga Devi



**HEAD**

**Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501**


**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TIRUPATI**

**ADD ON COURSE MILK ADULTERATION**

**Bsc.MZC**

**Batch-II**

S.No	Roll no	Name of the student	SIGNATURE
1	321451	A.Nikhil	A. Nikhil
2	321452	B. Bhavya	B. Bhavya
3	321454	B. Umesh	B. Umesh
4	321455	B. Siddesh	B. Siddesh
5	321457	B. Venkatesh	B. Venkatesh
6	321458	C. Siva	C. Siva
7	321459	D. Homanjali	D. Homanjali
8	321460	E. Bhargavi	E. Bhargavi
9	321462	G. Madhu	G. Madhu
10	321464	K. Ajay Kumar	K. Ajay Kumar
11	321465	K.Chiranjeevi	K. Chiranjeevi
12	321467	K. Lakshmi Narayana	K. Lakshmi Narayana
13	321469	K.Upendra Reddy	K. Upendra Reddy
14	321471	M.Pavan Kalyan	M. Pavan Kalyan
15	321472	M.Dinesh	M. Dinesh
16	321473	M.Gajendra Naik	M. GAJENDRA NAIK
17	321474	M. Nithish koushik	M. Nithish koushik
18	321475	M.Baby Priyanka	M. Baby Priyanka
19	321476	N.Vishnu vardhan	N. Vishnu Vardhan
20	321479	P.Abhishai Babu	P. Abhisai Babu
21	321480	P.Amruth Raj	P. Amrutha Raj
22	321481	P.Ramya	P. Ramya
23	321482	P.Mahesh	P. Mahesh
24	321483	P.V.Nynakshitha	P. V. Nynakshitha
25	321484	R. Vasavi	R. Vasavi
26	321485	R.Divya	R. Divya
27	321486	S.Sathish	S. Sathish
28	321488	B.Sonu Prakash naik	B. Sonu Prakash naik
29	321489	T.Anil	T. Anil
30	321490	T.Nivedha	T. Nivedha
31	321491	T.P. Nikhil	T.P. Nikhil
32	321492	V.C. Triveni	V.C. Triveni

  
**HEAD**  
 Department of Zoology  
 S.G.S. Arts College  
 TIRUPATI-517 501

S.G.S ARTS COLLEGE, TIRUPATI  
DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE IN MILK ADULTERATION  
ACADEMIC YEAR 2022-2023

BATCH TIME TABLE

DAY/ TIME	THEORY	PRACTICAL
	09:00-10AM	04:00-05PM
MONDAY	SNS	BR
TUESDAY	SNS	BR
WEDNESDAY	SNS	BR
THURSDAY	SNS	BR
FRIDAY	SNS	BR
SATURDAY	SNS	BR

  
S.N.Shameer  
HOD

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



S.G.S ARTS COLLEGE, TIRUPATI  
DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE IN MILK ADULTERATION  
ACADEMIC YEAR 2022-2023

REPORT OF COURSE:

- 1.Name OF the COURSE. :MILK ADULTERATION  
2Name of the course coordinator. :Sri.S.N.Shameer  
3.No of students Admitted. :54(32 per batch – I , 22 per batch - II)  
4.Faculty members :02

S.No.	Name of the teacher	Batch	No. of Hours [classes] Engaged	
			Theory	Practical
1	Sri.S.N.Shameer	1	10	10
2	Dr.B.Ravi	2	10	10

- 5.No.of students appeared for exam : Batch 1: 22  
Batch 2: 32  
6.No.of students passed. : Batch 1: 22  
Batch 2 : 32  
7.Percentage of results. : 100%  
8.Date of theory Examination. :26-12-2022  
9.Name of examiners. :Batch 1:Sri.S.N.Shameer  
Batch 2: Dr.B.Ravi  
10.Date of Decleration of results. :28-12-2022

HOD



Signature of course coordinator

HEAD  
Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

**SGS ARTS COLLEGE, TTD, TIRUPATI,  
DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE IN MILK ADULTERATION  
STUDENTS ATTENDANCE LIST BATCH -I THEORY 09 to 10am**

S. No	Roll No	Name of the student	22/11/2022	23/11/2022	24/11/2022	25/11/2022	26/11/2022	28/11/2022	29/11/2022	30/11/2022	1/12/2022	2/12/2022	3/12/2022	5/12/2022	6/12/2022	7/12/2022	8/12/2022	9/12/2022	10/12/2022	12/12/2022	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022	19/12/2022	20/12/2022	21/12/2022	23/12/2022
1	321351	B. Jagadeesh	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	321355	E. Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	321357	G. Jyoshna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	321358	G. Karthik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	321359	G. Manohar Babu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	321361	K. Hema Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	321363	K. Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	321364	K. Sangeetha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	321365	K. Tejaswini	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	321367	K. Hari Lingadu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	321369	K. Vinod Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	321370	M. Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	321371	M. Supriya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	321372	M. Bhoomika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	321373	M. Vasu Deva Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	321374	P. Vani sree	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	321375	P. Lavanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	321376	S. Ahmad Ali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	321379	T. Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	321380	M. Varsha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	321381	Y. Prameela	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	321382	Y. Ganga Devi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

HEAD

Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517501

**STUDENTS ATTENDANCE LIST BATCH -II THEORY 09 to 10am**

1. Definition  
 2. Beispiel  
 3. Erklärung  
 4. Fazit







**CIRCULAR**

It is to inform all the faculty of Department of Zoology to attend staff meeting at 11:00 AM in the HOD chamber to discuss the conduct of certificate courses for the academic year 2022-23.

Faculty Members Attended:

HOD	Name of the Faculty	Signature
Sri. S.N.Shameer	1.Dr B.Ravi	B. Ravi

Agenda: Certificate courses to be conducted for the Academic Year 2022-2023

All the staff members of the department discussed the agenda. The following resolutions were passed unanimously.

☑ It was decided to conduct a certificate course on MILK ADULTERATION to the Final year students of Life Sciences groups in the month of November to December (22/11/2022 to 23/12/2022) .

☑ HOD offered vote of thanks.

Faculty:

1. Dr.B. Ravi

Signature:

HOD



Department of Zoology

HEAD

Department of Zoology

S.G.S. Arts College

TIRUPATI-517 501

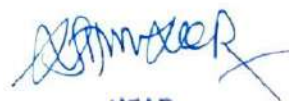
**S.G.S ARTS COLLEGE, TIRUPATI**  
**DEPARTMENT OF ZOOLOGY**

TIME:..

MARKS 50

**MILK ADULTERATION QUESTION PAPER :**  
**CHOOSE THE CORRECT ANSWERS**

- 1.what are the common adulterants used in milk? ( )  
a.Urea, Caustic soda                      b.Formalin,Salicylic acid  
c.Both a and b.                              d.None of these
- 2.For what purpose the adulterants are added to the milk? ( )  
a.Shelf life                                      b.For froth  
c.Spoil of milk                                  d.To decrease the shelf life
- 3.The most common health issues caused by adulterants? ( )  
a.Food poisoning                              b.Gastrointestinal complications  
c.Cancer heart problems                      d.All of the above
- 4.What is used as adulterants to increase carbohydrate content and density of milk? ( )  
a.Ammonium sulphate.                      b.Boric acid  
c.Table sugar.                                  d.Melamine
- 5.The acids used to increase the shelf life of the milk? ( )  
a.Benzoic acid.                                  b.Acetic acid  
c.Salicylic acid                                  d.Both a and c
- 6.The adulterant which is highly toxic and leave a damaging effect on the liver and kidney is ?  
a.Formalin                                      b.Starch ( )  
c.Hydrogen peroxide.                          d.None of the above
- 7.What is the primary source of fat in synthetic milk? ( )  
a.Vegetable fat                                  b.Oil  
c.Both a and b.                                  d.Animal fat
- 8.What is added in diary products for flavour, preservation and textural properties? ( )  
a.Salt    b.Detergents  
c.Paint.    d.Urea
- 9.What is used as adulterant in milk to increase the solid content? ( )  
a.Soap.    b.Starch  
c.Salt    d.Both a and b
- 10.What is SNF in milk? ( )  
a.Solid not fat.                                  b.Milk fat  
c.Stimmed not fat.                              c.Both a and b
- 11.Milk is a deficient in? ( )  
a.Vitamin C.                                      b.Iron  
c.Both a&b.                                      d.None of the above




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12. Methylene Blue test is used for Detection of ? ( )  
 a. Milk powder b. Sugar  
 c. Micro-organism d. Milk protein
13. The Phosphatase test is used for? ( )  
 a. Pastuerization b. Adulteration in milk  
 c. Urea in milk d. None of the above
14. The specific gravity of milk fat at 21°C? ( )  
 a. 0.70 b. 0.82  
 c. 0.93 d. 0.98
15. The iodine numbers measures the amount of.. ( )  
 a. Free fatty acids b. Saturated Fatty acids  
 c. Chain length of fatty acids d. Unsaturated Glycerides
16. Milk fat differs from other common fats in having a large percentage of ? ( )  
 a. Free fatty acids b. Saturated fatty acids  
 c. Volatile fatty acids d. None of the above
17. Saponification number of butter fat is : ( )  
 a. 190 b. 195  
 c. 210 d. 231
18. 10-15% more milk is produced with which growth hormones, if injected to lactating cows? ( )  
 a. Auxin b. Bovine Growth Hormone  
 c. Ethylene d. None of the above
19. The process to increase in volume caused by whipping air into the ice cream mix during freezing is called? ( )  
 a. Homogenization b. Aging  
 c. Over run d. Hardening
20. Semisolid ice cream is placed in a hardening room at a temperature of about? ( )  
 a. -15°C b. -20°C  
 c. -34°C d. -44°C
21. The "eyes" in swiss cheese are formed by the growth of.. ( )  
 a. Leuconostoc b. Propionibacterium  
 c. Streptococcus d. Lactobacillus
22. Lactose reduces copper salt to ? ( )  
 a. Cupric Oxide b. Cuprous oxide  
 c. copper oxide d. None of the above
23. Yellow colour of milk fat is due to presence of ? ( )  
 a. Vitamin D b. Carotinoids  
 c. Calcium d. Folic acid
24. Tests for proper pasteurization are based on the activity of which enzyme ? ( )  
 a. Lactase b. Diastase  
 c. Phosphatase d. Catalase
25. Starch is split by which enzyme ? ( )  
 a. Diastase b. Lactase



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 TIRUPATI-517 501

- c. Phosphatase. d. Catalase
26. What is the freezing point of milk? ( )  
 a. 0° b. -0.55°c  
 c. -1°c. d. -1.55°c
27. What is the average boiling point of milk? ( )  
 a. 100-101°c b. 105-110°c  
 c. 115-117°c. d. 102-105°c
28. What is the average specific gravity of normal whole milk at 16°c ( )  
 a. 0.903. b. 1.032  
 c. 1.582. d. 2.032
29. Which is the pre-dominating organism in dirty utensils of milk ( )  
 a. Lactobacillus bulgaricus. b. Propionibacterium  
 c. Streptococcus Lactic. d. All of the above
30. Energy value of a food is measured in terms of ? ( )  
 a. Carbohydrates. b. Fats  
 c. Proteins. d. Calories
31. The high nutritive value of cheese is due to:- ( )  
 a. High mineral contents. b. High protein contents  
 c. Taste & flavour. c. All of the above
32. Legal butter must contain at least what percentage of fat ( )  
 a. 70%. b. 80%  
 c. 90%. d. 95%
33. Food value of ice cream depends to a large extent on its ? ( )  
 a. Flavour. b. Volume  
 c. Composition. d. None of the above
34. Chlorine compounds have widespread acceptance in dairy industry due to ? ( )  
 a. Non- toxicity. b. High sanitizing efficiency  
 c. High corrosiveness. d. None of the above
35. At what concentration chlorine sanitizing solutions are usually used in the dairy industry? ( )  
 a. 50-100ppm. b. 100-200 ppm  
 c. 200-500ppm. d. 500-800ppm
36. The process of raising or lowering the percent of fat in milk or cream to a desired standard is called. ( )  
 a. Enrichment. b. Fortification  
 c. Standardization. d. None of the above
37. Butter milk is a fluid product resulting from the manufacture of ? ( )  
 a. Cheese. b. Yogurt  
 c. Ice cream. d. Buttur
38. Fatty acids synthesized in mammary gland are ( )  
 a. Higher chain fatty acids. b. Unsaturated fatty acids  
 c. Lower chain fatty acids. d. Medium and lower fatty acids
39. Most variable. constituent of milk is ? ( )  
 a. Proteins. b. Fat

( )  
  
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- c Lactose d Minerals ( )
- 40 Which of the following has largest particle size in milk? ( )
- a Lactose b Casein micelles
- c Fat globule d None of the above ( )
- 41 Lactose has water solubility of ? ( )
- a 100% b 50%
- c 18% d 25%
- 42 Temperature and time combination used for LTLT Pasteurization method? ( )
- a 72°celsius for 15 seconds b 63° celsius for 30 mins
- c 135°degree celsius for 2-5seconds d 72°degree celsius for 15 mins
- 43 A process of reducing the fat globules in milk to extremely smaller particles and distributing it uniformly throughout the milk is known as? ( )
- a Separation b Homogenization
- c Evaporation d Fermentation ( )
- 44 The major carbohydrate present in milk is?
- a Fructose b Sucrose
- c Maltose d Lactose ( )
- 45 The basic sources of microbial contamination of milk is from?
- a Within the udder b The exterior of the teats and udder
- c Milk handling and storage equipment d All the above ( )
- 46 The Butyro-Refractometer reading of milk fat ranges from?
- a 40 to 45 b 45 to 50
- c 50 to 60 d None of the above ( )
- 47 Enzyme required for cheese formation from milk is ? ( )
- a Amylase b Protease
- c Rennet d Phosphatase ( )
- 48 The psychrotrophic spoilage of pasteurized milk is primarily due to. ( )
- a Propionibacter sp b Proteus sp
- c Pseudomonas sp d Staphylococcus
- 49 Sweet curdling and bitty cream in pasteurized milk and cream is caused by ? ( )
- a Pseudomonas florescens b Bacillus cereus
- c Staphylococcus aureus d None of the above
- 50 The centrifugal procedure used for removing bacteria from milk is known as ? ( )
- a Homogenization b Evaporation
- c Bactofugation d Pasteurization



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S.G.S ARTS COLLEGE TTD TIRUPATI.  
DEPARTMENT OF ZOOLOGY.  
EXAM KEY SHEET.

1.c	21.b	41.c
2.a	22.b	42.a
3.d	23.b	43.b
4.c	24.c	44.d
5.d	25.a	45.d
6.a	26.b	46.a
7.c	27.a	47.c
8.a	28.b	48.c
9.b	29.c	49.b
10.a	30.d	50.c
11.b	31.b	
12.c	32.b	
13.a	33.c	
14.c	34.b	
15.d	35.c	
16.c	36.c	
17.d	37.d	
18.b	38.c	
19.c	39.b	
20.c	40.c	



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Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501

**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TIRUPATI**  
**ADD ON COURSE: MILK ADULTERATION**  
**MARKS SHEET BATCH-II**  
**Bsc.MZC**

S.No	Roll no	Name of the student	Marks in figure	Marks in words
1	321451	A.Nikhil	45	forty five
2	321452	B. Bhavya	46	forty six
3	321454	B. Umesh	38	thirty eight
4	321455	B. Siddesh	43	forty three
5	321457	B. Venkatesh	44	forty four
6	321458	C. Siva	37	thirty seven
7	321459	D. Homanjali	48	forty eight
8	321460	E. Bhargavi	47	forty seven
9	321462	G. Madhu	36	thirty six
10	321464	K. Ajay Kumar	35	thirty five
11	321465	K.Chiranjeevi	47	forty seven
12	321467	K. Lakshmi Narayana	37	thirty seven
13	321469	K.Upendra Reddy	45	forty five
14	321471	M.Pavan Kalyan	43	forty three
15	321472	M.Dinesh	39	thirty nine
16	321473	M.Gajendra Naik	42	forty two
17	321474	M. Nithish koushik	46	forty six
18	321475	M.Baby Priyanka	40	forty
19	321476	N.Vishnu vardhan	41	forty one
20	321479	P.Abhishai Babu	45	forty five
21	321480	P.Amruth Raj	41	forty one
22	321481	P.Ramya	42	forty two
23	321482	P.Mahesh	44	forty four
24	321483	P.V.Nynakshitha	49	forty nine
25	321484	R. Vasavi	49	forty nine
26	321485	R.Divya	44	forty four
27	321486	S.Sathish	42	forty two
28	321488	B.Sonu Prakash naik	43	forty three
29	321489	T.Anil	40	forty
30	321490	T.Nivedha	49	forty nine
31	321491	T.P. Nikhil	36	thirty six
32	321492	V.C. Triveni	39	thirty nine

  
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 Department of Zoology  
 S.G.S. Arts College  
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**SRI GOVINDARAJA SWAMY ARTS COLLEGE, TIRUPATI**

**ADD ON COURSE : MILK ADULTERATION**

**MARKS SHEET BATCH-I**

**Bsc.CBZ**

S.No	Roll no	Name of the student	Marks in figure	Marks in words
1	321351	B. Jagadeesh	40	Forty
2	321355	E. Ramesh	36	Thirty Six
3	321357	G. Jyoshna	38	Thirty Eight
4	321358	G. Karthik	42	forty Two
5	321359	G. Manohar Babu	45	forty five
6	321361	K. Hema Kumar	48	forty Eight
7	321363	K. Raju	37	Thirty Seven
8	321364	K. Sangeetha	46	forty Six
9	321365	K. Tejaswini	42	forty Two
10	321367	K. Hari Lingadu	36	Thirty Six
11	321369	K. Vinod Kumar	45	forty five
12	321370	M. Raju	37	Thirty Seven
13	321371	M. Supriya	41	forty one
14	321372	M. Bhoomika	39	Thirty nine
15	321373	M. Vasu Deva Reddy	40	forty
16	321374	P. Vani sree	41	forty one
17	321375	P. Lavanya	44	forty four
18	321376	S. Ahmad Ali	43	forty Three
19	321379	T. Teja	39	Thirty nine
20	321380	M. Varsha	49	forty nine
21	321381	Y. Prameela	47	forty Seven
22	321382	Y. Ganga Devi	36	Thirty Six



**HEAD**

Department of Zoology  
S.G.S. Arts College  
TIRUPATI-517 501



**SKILL DEVELOPMENT PROGRAM**

**OM NAMOVENKATESAYA**

**SRI GOVINDARAJASWAMY ARTS  
COLLEGE: TTD, TIRUPATI**



**DEPARTMENT OF ENGLISH  
EXTRA CURRICULAR ACTIVITY  
FOR STUDENTS  
ACADEMIC YEAR 2022-23**

**OM NAMOVENKATESAYA**

**SRI GOVINDARAJASWAMY ARTS  
COLLEGE: TTD, TIRUPATI**



## DEPARTMENT OF ENGLISH EXTRA CURRICULAR ACTIVITY ON SKILL DEVELOPMENT COUSES

YEAR : 2022-23  
DATE : 20-4-2023  
CONDUCTED BY : Dr.V.Madhu Kumar, HOD of English

Sri P.Chandraiah,  
Dr.A.Venkata Ramanamma  
Dr Radhika  
:Awareness on Skill Development

PROGRAMME TOPIC  
Courses

OBJECTIVES OF THE  
PROGRAMME  
Skill Development

: inculcate awareness towards  
Courses among the students  
opportunities.

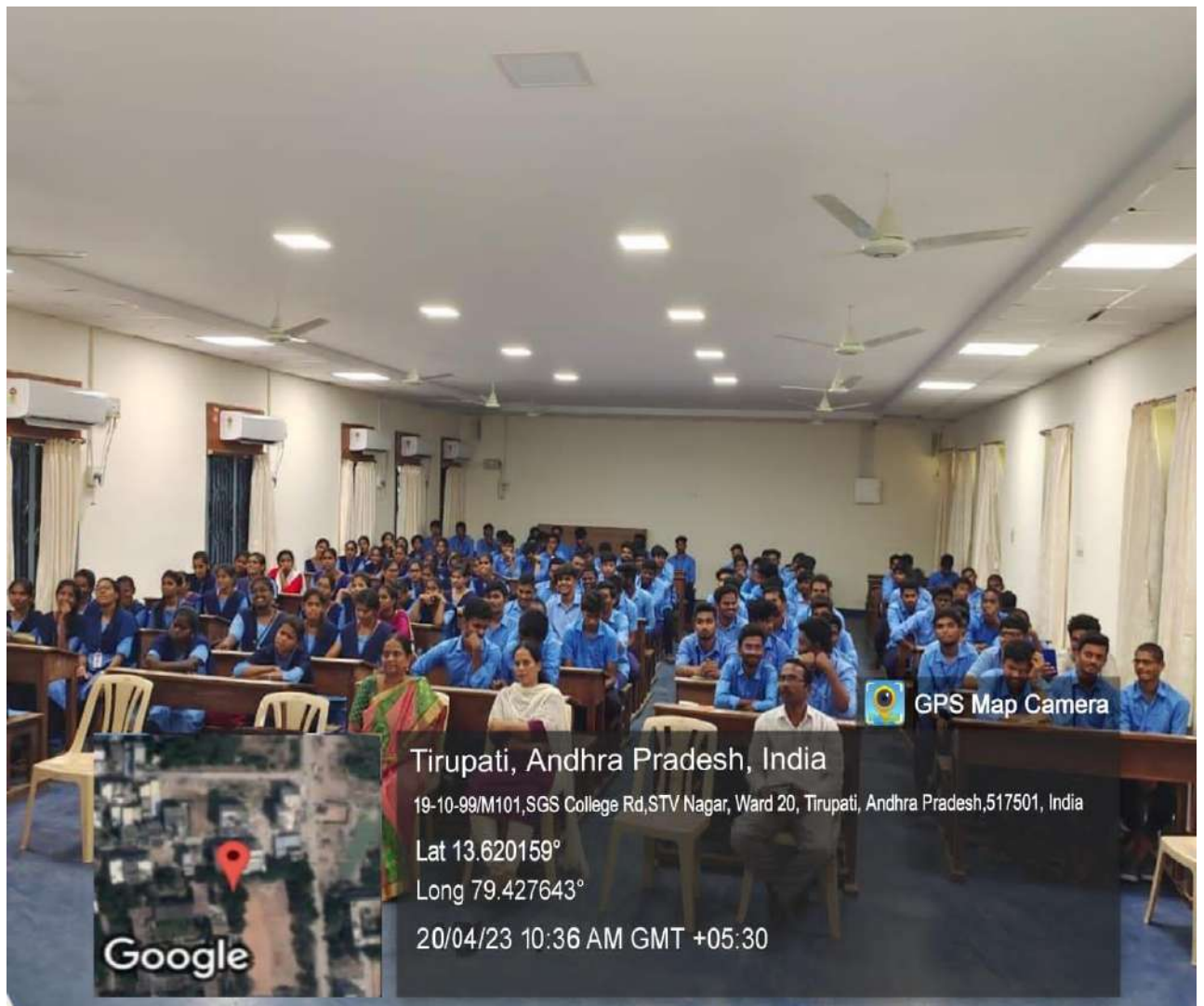
for employment

OUT COMES OF THE  
PROGRAMME  
towards one

: Students acquired knowledge

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Degree course.

Month, two months technical  
addition our



Tirupati, Andhra Pradesh, India

19-10-99/M101,SGS College Rd,STV Nagar, Ward 20, Tirupati, Andhra Pradesh,517501, India

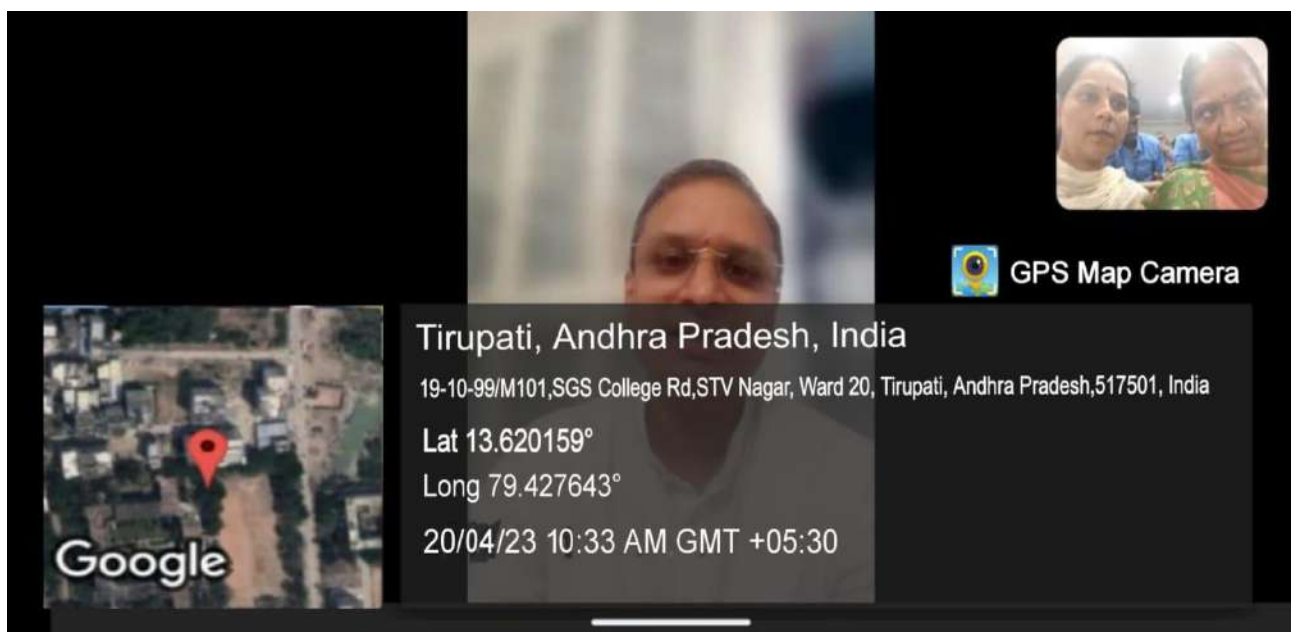
Lat 13.620159°

Long 79.427643°

20/04/23 10:36 AM GMT +05:30



GPS Map Camera





2022-23  
I Semester

I B.Sc. (CT&HM) EM

22111	BADADHALA GIRI BABU	D. Giri babu
22112	BATHALA VENKATESH	B. Venkatesh
22113	BODDU TEJA	B. Teja
22114	BRAMHANAPALLI BHUSHAN KUMAR	B. Bhushan kumar
22115	BUDAMAGUNTALA MAHESH	B. Mahesh
22116	C JAHNAVI	C. JAHNAVI
22117	CHERI PREM KUMAR	C. PREM KUMAR
22118	CHERI PAVAN KUMAR	C. Pavan kumar
22119	CHILAPOTHU MOHAN BABU	C. Mohan babu
22120	DEVARA THARUN KUMAR	D. Tharun kumar
22121	KAMBAM PRABHUKUMAR	K. Prabhu kumar
22122	KOTAPATI SIVA KRISHNA	K. siva krishna
22123	KURUVA HARIKRISHNA	K. HariKrishna
22124	MANTHRI HEMASAGAR	M. hema satar
22125	MEKALA NANDU	M. nandu
22126	NARIGANTI SUNEEL	N. suneel
22127	PADI DINESH	P. Dinesh
22128	PATURU LAKSHMIPATHI	P. lakshmi pathi
22129	POLIPALLI MAHESH	P. mahesh
22130	PYARA REDDEPPA	P. Reddeppa
22131	ROSIGALLA CHINNA SUBBARAYUDU	
22132	SANAPATHI RAMAKRISHNA	S. Ramakrishna
22133	SATHYALA SIMHADRI	S. Simhadri
22134	SETTI MANOJ KUMAR	S. Manoj kumar
22135	SYAMAL KIRAN	S. Kiran
22136	THANNEERU DURGAPRASAD	T. Durgaprasad

I Semester  
2022-23

I B.Sc. (BBC) EM

22011	BHUKYA SUNIL NAIK	Bhukya sunil Naik
22012	BAINT SREELATHA	Baint sreelatha
22013	BODDU REDDY PRASANTH	B. Reddy Prasanth
22014	Buddannagarisaiprasad	B. Sai Prasad
22015	CHIRROLLA PAVAN KUMAR	C. Pavan Kumar
22016	DEVENDRA NAIK MODARACHA	D. Naik Modaracha
22017	GADDAM SNEHA LATHA REDDY	G. sneha latha reddy
22018	GOLLAPALLI NAGABABU	G. nagababu
22019	GUNTI JAGADEESH	Gunti jagadeesh
22020	JATURU TEJASREE	J. Teja sree
22021	JUTLAIH MATAM SUGUNAKAR	J. matam sugunakar
22022	L JAYAPRAKASH	L. JAYAPRAKASH
22023	M KUSHWANTH	M. kushwanth
22024	MALARAPU BHAVYA BAVANA	M. Bhavya Bavana
22025	MALLIBOYANA BALA GURIAH	M. Bala Guriah
22026	MANDAPATI LOKESH BABU	M. Lokesh babu
22027	MANJULA TEJASWI	M. Tejaswi
22028	MELLA LOUKYA	MELLALOUKYA
22029	MUNDLAPUDI JAHNAVI	M. Jahnavi
22030	NANDAMVEERA HARIKEERTHI	N. Harikeerthi
22031	P POOJITHA	P. Poojitha
22032	PALAKALA LOKESH	P. Lokesh
22033	PALIGALA MUKESH RUSHI	P. Mukesh Rushi
22034	PAMULA CHANDRAMOULI	P. Chandramouli
22035	PASUPULETI VENKATESWARA	P. Venkateswara
22036	PEMARA VINODKUMAR	P. Vinodkumar

2022-23  
I Semester

B.Sc MPCs 1ST YEAR

S.no	Hallticker Number	Roll No	Student Name	
1	323008001	32422001	BANAVARAM MOHAN RAJ	B. Mohan Raj
2	323008002	32422002	BANGI SANTHOSH KUMAR	B. Sathnosh Kumar
3	323008003	32422003	BHEEMAVARAM CHAITHANYA	B. Chaitanya
4	323008004	32422004	BUSINE VANNURU	B. Vannuru
5	323008005	32422005	CHAVIDI UDAY KIRAN	C. Uday Kiran
6	323008006	32422006	CHINTALA BHARGAV	C. Bhargav
7	323008007	32422007	DASETTY SAI KIRAN	D. Sai Kiran
8	323008008	32422008	EGUVAPUTTURU SURYA	E. Surya
9	323008009	32422009	GAAJULA SREEKANTH	G. Sreekanth
10	323008010	32422010	GADI JYOTHI BABU	G. Jyothi Babu
11	323008011	32422011	GANDURI VARUN	G. Varun
12	323008012	32422012	GORLA KARTHIK YADAV	G. Karthik Yadav
13	323008013	32422013	J JAYANTHI	J. Jayanthi
14	323008014	32422014	KAKUTURI SRI SAI	K. Sri Sai
15	323008015	32422015	KANTA PARTHA SARADHI	K. Saradhi
16	323008016	32422016	MANCHURI HARITHA	M. Haritha
17	323008017	32422017	NALLAGATLA MADHUMOHAN	N. Madhumohan
18	323008018	32422018	NALLAGATLA NAGENDRA BABU	N. Nagendra Babu
19	323008019	32422019	NEELA VEDAVATHI	N. Vedavathi
20	323008020	32422020	PALLA VENKATA PRAVEEN KUMAR	P. Praveen Kumar
21	323008021	32422021	PALLIKONDA ARUN VAMSI	P. Arun Kumar
22	323008022	32422022	PODALA THARUN KUMAR	P. Tharun Kumar
23	323008023	32422023	SALLAKUTTI SUJINA	S. Sujina
24	323008024	32422024	TEKURI DAMODAR	T. Damodar
25	323008025	32422025	THUDAKULA NAVEENA	T. Dhmodar
26	323008026	32422026	VEERAPPAREDDY JEEVAN KUMAR	V. Jeevan Kumar
27	323008027	32422027	VEMPALLI NAGESWARI	V. Nageswari
28	323008028	32422028	YERUKALA SRINIVASULU	Y. Srinivasulu



2022-23  
I Semester CBZ/BZC

B.Sc BZC 1ST YEAR

S.no	Hallticker Number	Roll No	Student Name	
1	3.23E+08	31022001	CHALAMALA APUROOPA	C. APURROOPA
2	3.23E+08	31022002	DHANNASI JYOTHI	Dhannasi Jyothi
3	3.23E+08	31022003	ERRABALLI GANESH	E. Ganesh
4	3.23E+08	31022004	KOPPALA REVANTHKUMAR	K. Revanth Kumar
5	3.23E+08	31022005	MEESALA SAILU	M. SAILU
6	3.23E+08	31022006	NALAGARLA VARUN TEJA	N. Varun Teja
7	3.23E+08	31022007	NUMBER RAKESH	number RAKESH
8	3.23E+08	31022008	PATTU MARAPU GUNASEKHAR	PATTU MARAPU GUNASEKHAR
9	3.23E+08	31022009	PEDDAPALYAM SIVAJI	P. Sivaji
10	3.23E+08	31022010	REPALLI DANIEL	R. Daniel
11	3.23E+08	31022011	SALLAKUTTI SUJATHA	S. Sujatha
12	3.23E+08	31022012	SAMIKARI LOKESH	SAMIKARI Lokesh
13	3.23E+08	31022013	SHANAMPURI THULASILAKSHMI	S. Thulasi lakshmi
14	3.23E+08	31022014	THUMMURU VENKATESH	T VENKATESH



2022-23  
II semester

I BA (ASCA)

21361	BALIPONGU MADHU	BALIPONGU MADHU
21362	BANDI INDRASEKHAR REDDY	B. INDRASEKHAR REDDY
21363	BANDI VENKATA SWAMI	B. VENKATA SWAMI
21364	BUKKE SANTOSH NAIK	B. SANTOSH NAIK
21365	CHEMBETI SAIKUMAR	C. SAIKUMAR
21366	CHUKKA MURALI	CHUKKA MURALI
21367	DEVIREDDY NARENDRA	D. NARENDRA
21368	DHOPPALAPUDI GUNAVATHI	D. GUNAVATHI
21369	DODDI PAVAN KUMAR	D. PAVAN KUMAR
21370	K PURUSHOTHAM	K PURUSHOTHAM
21371	KALISSETTY SASIDHAR	K. SASIDHAR
21372	KAPPALA KIRAN	K. KIRAN
21373	KAVALI BRAHMAIAH	K. BRAHMAIAH
21374	KOVI RAMUDU	KOVI RAMUDU
21375	KURRAKALVA RAMESH	K. RAMESH
21376	MADIGA BABU	M. BABU
21377	MALLI VENKATESH	M. Venkatesh
21378	MALOTHU PRAVEEN	M. PRAVEEN
21379	MEKAPILLA MUNINANDHU	M. muninandhu
21380	MUDDANAMAINA SAI KUMAR	M. Sai Kumar
21381	N KODANDAPANI	N. Kodandapani
21382	NAVIDA THARUN	N. THARUN
21383	NALLAPPAGARI UDAY KIRAN	N. UDAY KIRAN
21384	NUMBER RAKESH	N. RAKESH

**Special Program for Lifestyle Disorders**  
**Department of CTHM**

**"OM NAMO VENKATESAYA"**

**Sri Govindaraja Swamy Arts College, Tirupati**

**Tirumala Tirupati Devasthanams**

**( Affiliated To S.V university : Tirupati)**

**ESTD :1969**



**Department of Hotel Management**

*Record of Additional responsibilities  
of staff and Outcome*

**2022 - 2023**















Department of  
CATERING TOURISM & HOTEL MANAGEMENT  
List of Students Participation

S.NO	NAME
1	NAJESH
2	PRAKASH
3	MANOJ
4	MADHU
5	LATHIF
6	LAHARI
7	POORNIMA
8	CHAITANYA
9	VAMSI
10	SAI LOKESH
11	SAI KARTHIK
12	AKHIL
13	NANDHINI
14	HARIKA
15	NANDHU
16	PREM
17	HEMSAGAR
18	HARI KISHORE
19	P. MAHESH
20	RAMAKRISHNA
21	BASVARAJU
22	B TEJA
23	N AJAY
24	N SAI VENKAT
25	B JAGAN
26	B GIRI
27	REDDEPPA
28	MANOJ
29	LAXMIPATI
30	SAHITYA
31	SATEESH

H.O.D.  
CATERING TOURING  
HOTEL MANAGEMENT  
S.G.S. ARTS COLLEGE  
TIRUPATI