

Serampore Girls' College
Department of Electronic Departmental
Report: 2024-25

Number of Regular Students

Year	General Electronics
SEM 1	08
SEM 3	05

Total No. of students ----- 13

Number of the Teachers

SACT II	1
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Student Teacher Ratio:13:1

Class Routine of the department

Routine – Electronic Science (ODD semester)- (July-December, 2024)-2024-25

Serampore Girls' College

Routine –Science (ODD semester)-2024-25 (July-December, 2024)

Day	SE M	9:45-10:45	10:45-11:45	11:45-12:45	12:45-1:45	2:00-3:00	3:00-4:00
Monday	I			CMSM(IG) VB 8			
	III		ELTG(IG) VB 8				
	V						
Tuesday	I			CMSM(IG) VB 8	ELTG(IG) VB 8		
	III		ELTG(IG) VB 8				
	V						
Wednesday	I						
	III	ELTG(IG)(P) VB 8	ELTG(IG)(P) VB 8				
	V						
Thursday	I		CMSM(P) IG VB 8	CMSM(P) IG VB 8	ELTG(IG)(ICT) VB 8	IDC ELTG(IG) VB 8	
	III						
	V		BOTG-SEC(NC) NB 16 PHSG(P)(SM) P LAB	ZOOG(SK) NB 16 PHSG(P)(SM) P LAB		CEMG(MM) NB 16 CMSA(MG) VB 8	CMSA(MG) VB 8
Friday	I			ELTG(IG)(P) VB 8	ELTG(IG)(P) VB 8	IDC ELTG(IG) VB 8	
	III						
	V						
Saturday		Preparatory Day					

Total number of classes: 12 (IG) (Including CMSM and Electronics)

Class Routine of the department

Serampore Girls' College
Routine –Electronic Science (EVEN semester) –(January-June,2025)-2024-2025

Day	SEM	9:45-10:45	10:45-11:45	11:45-12:45	12:45-1:45	2:00-3:00	3:00-4:00
Monday	II		ELTG(IG) VB 8				
	IV				ELTG(IG) PLAB 1		
	VI						
Tuesday	II						
	IV			CMSM(P) (IG)VB 8	CMSM(P) (IG)VB 8		
	VI						
Wednesday	II	ELTG(P)(IG) VB 8	ELTG(P)(IG) VB 8				
	IV			ELTG(IG) VB 8	CMSM(IG) VB 8		
	VI						
Thursday	II						
	IV			CMSM(IG) VB 8			
	VI						
Friday	II		ELTG(IG) VB 8				
	IV			ELTG(IG) VB 8	ELTG(IG) VB 8		
	VI						
Saturday	Preparatory Day						

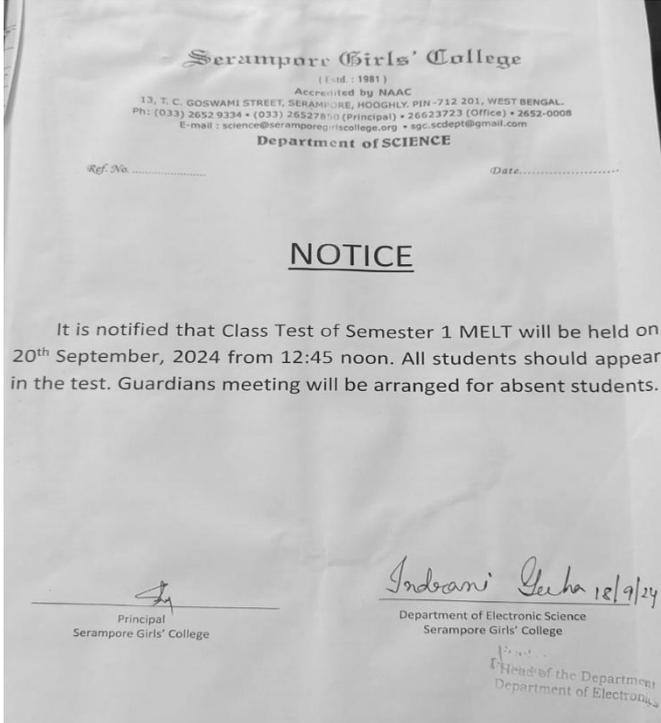
Total number of classes: 12 (IG) (Including CMSM and Electronic Science)

Teaching- Learning Method

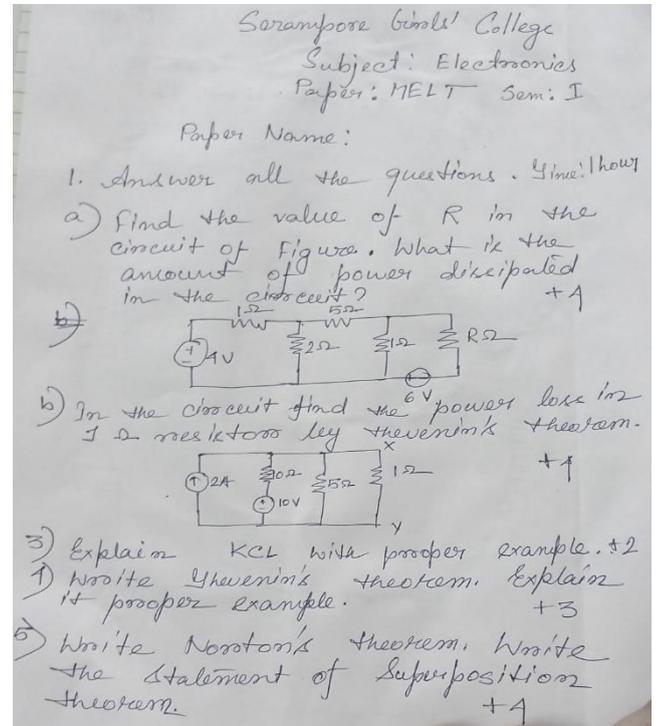
Class Test

ODD SEM (Semester I)

NOTICE



Question Paper



Result

Full Marks : 30
Paper : ELT - MD - CC 2

Roll No.	Paper						
23025	10						
23055	8						
23057	10						
23066	7						
23088	10						
23061	7						

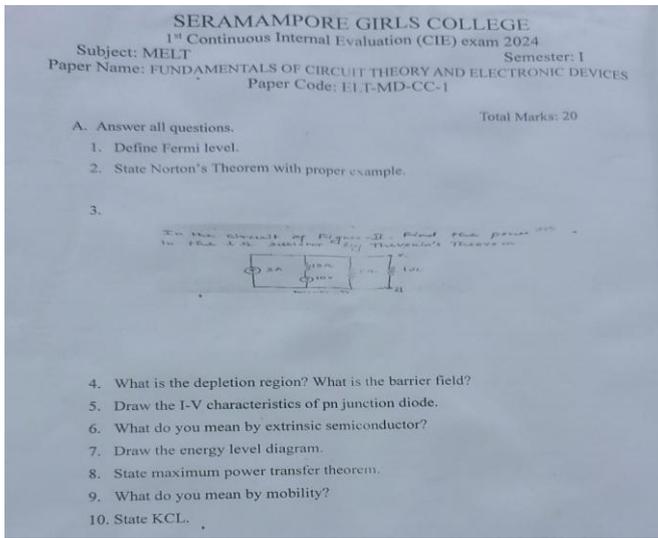
Debnath 9/7/24
Signature of the Examiner

Date : 9/7/24

Continuous internal Assessment:

ODD SEM (Semester I)

Question Paper



Result

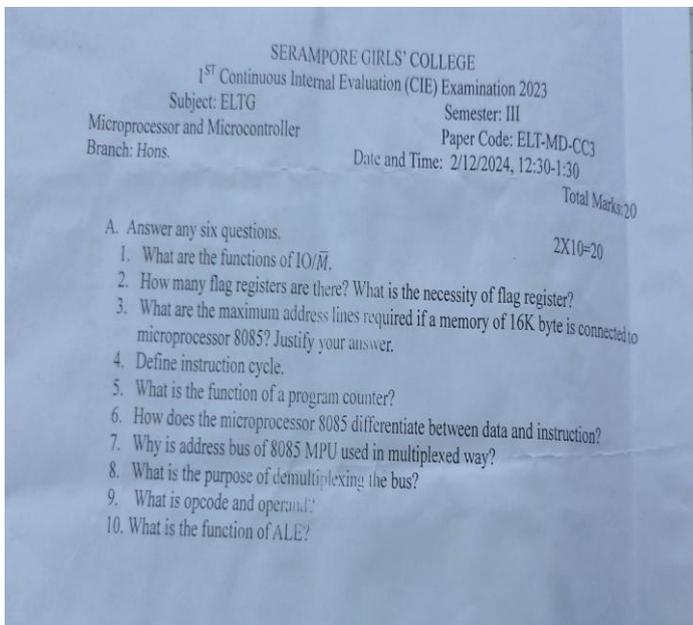
Seramampore Girls' College
SERAMAMPORE, HOOGHLY
B.A/B.Sc. CIE Examination, 20
Subject: MELT-MD-CC-1
Full Marks: 20
Papers: Fundamentals of circuit theory and electronic devices

Roll No.	Paper						
24250	7						
24251	5						
24252	5						
24253	8						
24254	6						
24255	7						
24256	2						
24257	5						
24258	8						

Date: 22/11/24
Signature of the Examiner: Indrani Guha

ODD SEM (Semester III)

Question Paper



Result

Seramampore Girls' College
SERAMAMPORE, HOOGHLY
B.A/B.Sc. CIE Examination, 20
Subject: ELTG-MD-CC-3
Full Marks: 20
Papers: Microprocessor and Microcontroller

Roll No.	Paper						
24259	12						
24260	10						

Date: 5/12/24
Signature of the Examiner: Guha 5/12/24

Even Semester

Question Paper (Semester II)

SERAMPORE GIRLS COLLEGE
Continuous Internal Evaluation (CIE) exam 2025

Subject: Electronic Science Minor
Paper Name: Operational Amplifier and Digital System
Branch: General

Semester: II
Paper Code: MN-2

A. Answer any ten questions Full Marks: 20

1. Write the differences between ideal and practical op amp.
2. What is CMRR?
3. What do you mean by virtual ground?
4. Define input bias current for an OPAMP.
5. Convert the binary number 0111011010 to decimal.
6. Subtract $(1011)_2$ from $(1001)_2$ using 2's complement.
7. Draw the circuit diagram of a difference amplifier using op amp and find an expression for the output voltage.
8. Explain the working of an operational amplifier as an adder with diagram.
9. What is an inverting amplifier?
10. What do you mean by input offset voltage of an OP AMP.
11. What do you mean by slew rate?
12. Convert $(DE4)_{16}$ to Binary.

Result

Serampore Girls' College
SERAMPORE, HOOGHLY

B.A/B.Sc. CIE Examination, 2025
Subject: Electronic Science - Minor
Full Marks: 20
Paper: MN-2
Name: Operational Amplifier & Digital

Roll No.	Paper						
24240	MN-2	13					
24265	MN-2	15					
24877	MN-2	13					
24230	MN-2	10					
24229	MN-2	8					
24226	MN-2	18					
24250	MN-2	14					
24244	MN-2	13					
24259	MN-2	AB					

Date: 7/5/25
Signature of the Examiner: [Signature]
Head of the Department
Department of Electronic

Result Analysis

SERAMPORE GIRLS COLLEGE
CIE Marks
Date of Exam: 30/40/2025
Electronic Science Minor
Paper Name: Operational Amplifier and Digital System

Sl No.	Name	Roll No.	Full Marks	Marks Obtained	Marks obtained in attendance	Total marks	Slow/Advance learner
1	Aditi Chakrabarty	24226	20	18	18	36	Advance
2	Kamalika Ghosh	24240	20	13	12	25	Advance
3	Nilam Yadav	24250	20	14	16	30	Advance
4	Manisha Nalla	24244	20	13	16	29	Advance
5	Suhani Kumari	24877	20	13	14	27	Advance
6	Swarnali Mitra	24265	20	15	18	33	Advance
7	Ankita Santra	24230	20	10	14	24	Advance
8	Ankita Polen	24229	20	8	14	22	Slow

Signature: [Signature]
Head of the Department
Department of Electronic

Report

Report about Parent Teachers Meeting

Department: Electronic Science

Session: 2024-2025

Date: 18/12/2024

Semester: SEM 1

Venue/mode: NB 19

Time: 12 noon

1. On the behalf of Department, we have shown students' attendance (in %), CIE results and behaviour of students to Parents
2. We have taken feedback from parents about their daughters teaching learning and evaluation
3. Conclusion by HOD: Students of Semester 2 were present in the meeting with their guardian. Discussion about their studies was made through one to one communication.

Indrani Guha
Head of the Department
Department of Electronic

Remedial Class

Session: 2024-2025

Even Sem (Semester II)

Notice

Serampore Girls' College
(Estd.: 1981)
Accredited by NAAC
13, T. C. GOSWAMI STREET, SERAMPORE, HOOGHLY, PIN - 712 201, WEST BENGAL.
PH: (033) 2652 9334 • (033) 2652 7850 (Principal) • 26623723 (Office) • 2652-0008
E-mail : science@seramporegirlscollege.org • sgc.scdept@gmail.com

Ref. No. Date: 14/05/2025

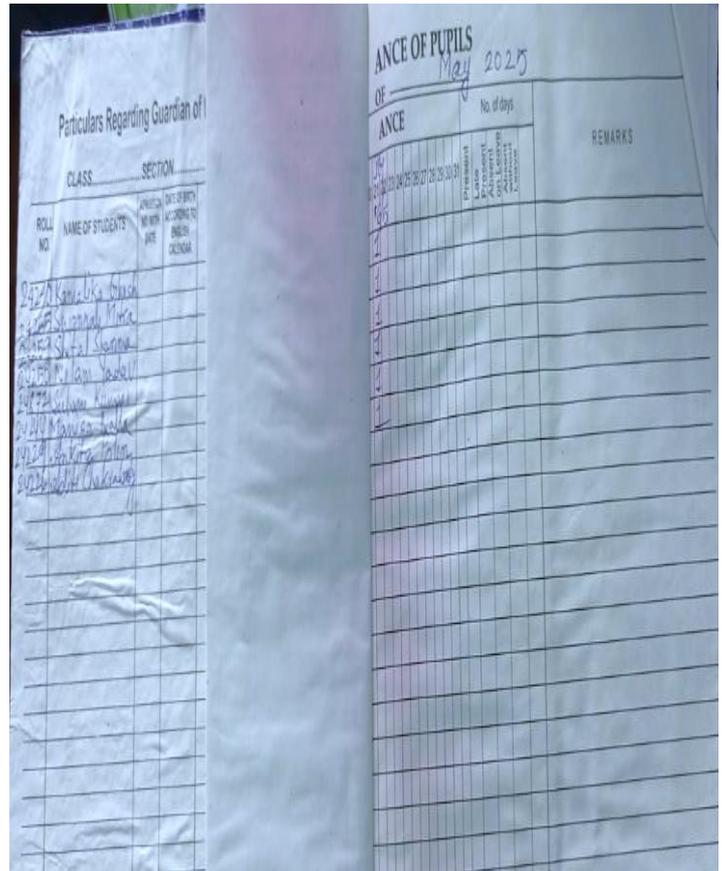
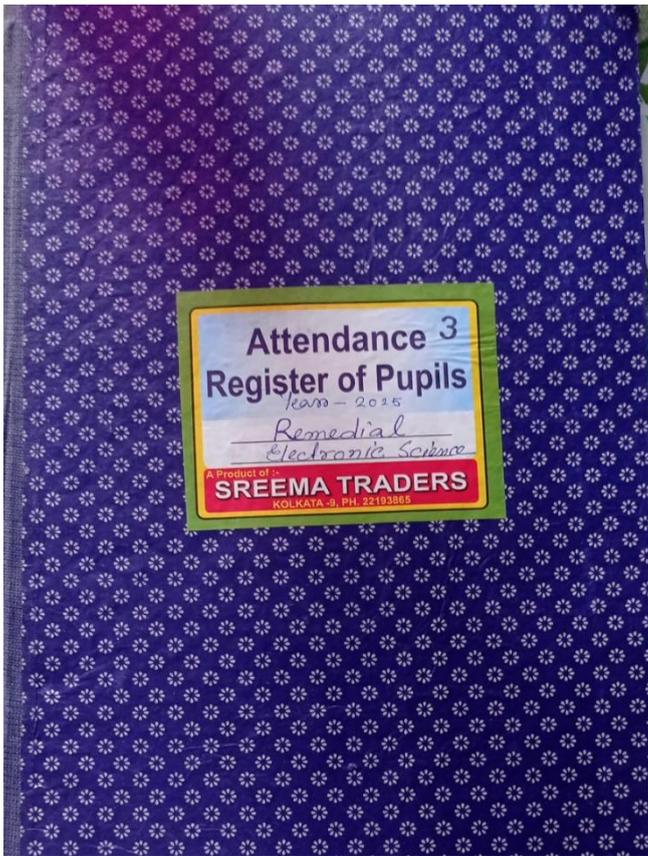
NOTICE

Department Electronic Science has arranged for remedial classes for the students who scored 50% in the CIE as per following schedule: -

Department Name	Sem	Date	Time
Department of Electronic Science	Sem - 2	16/5/2025	10.45 a.m. to 11.45 a.m.

Indrani Guha
Head of the Department
Department of Electronic Science
Serampore Girls' College

Picture of Attendance Register



Report

Report about Remedial Classes

Department: Electronic Science

Session: 2024-2025

Date: 16/05/2025 Semester: SEM II

Venue/mode: VB 8

Time: 10.45 am-11.45 am

1. Discussion was made about the topics in CIE.
2. Doubt cleared related the chapter in CIE
3. Conclusion by HOD: Students of Semester 2 again get a deep knowledge on these topics.

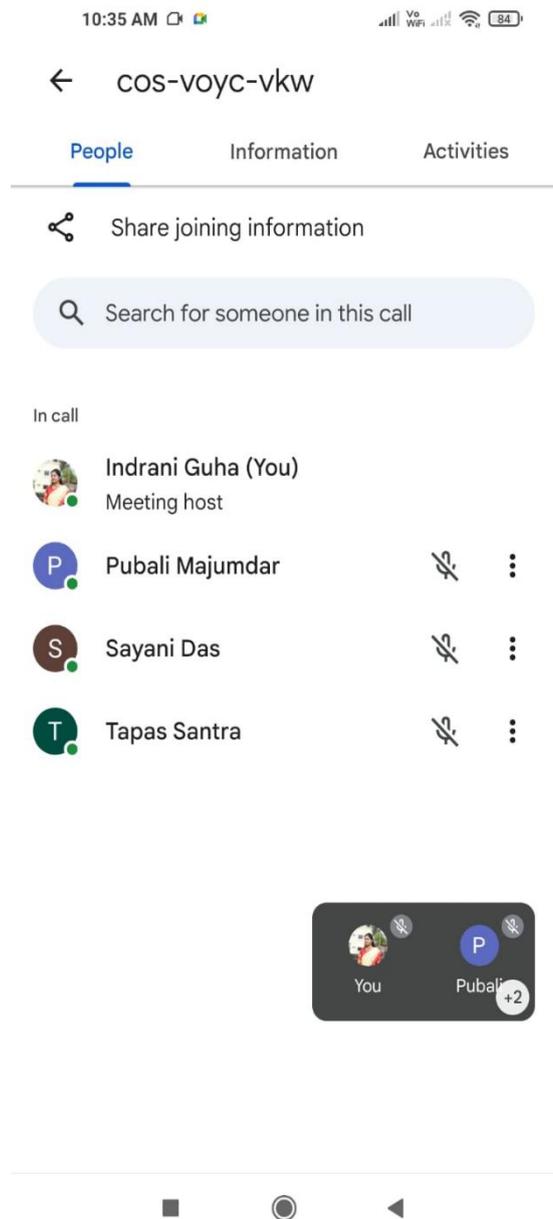
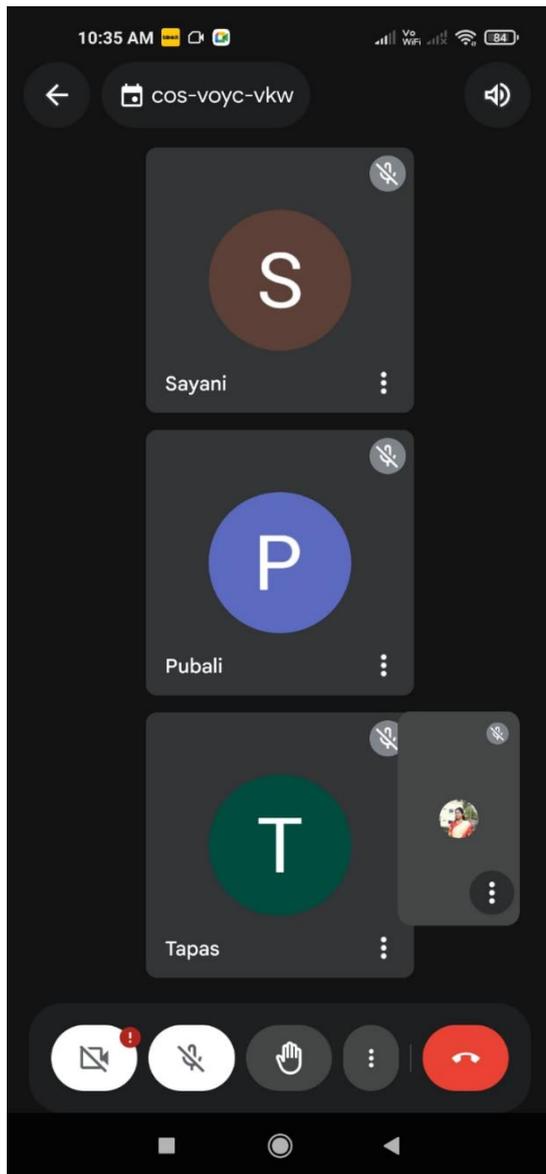
Indrani Guha
Head of the Department
Department of Electronic

Sign of HOD and stamp

ICT

Semester III

1

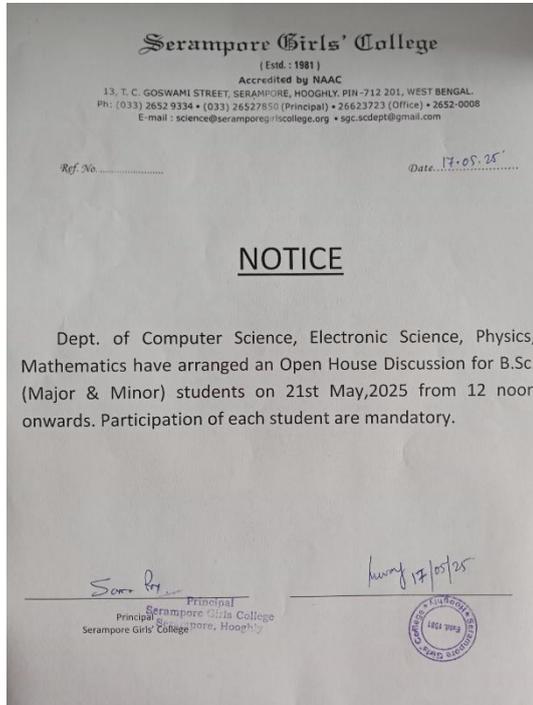


Online Class; Session :2024-2025; semester – III, Mode: Google Meet, Sequential Circuit, Date- 22/02/2025

Departmental Activities

Open House Discussion

Notice



Sample Picture



Open House Discussion; 2024-2025 Session; semester – II, Date:21/05/2025

Signature of Students

Serampore Girls' College
Computer Science, Electronic Science, Physics, Mathematics
Open House Program
2024-25
Date – 21.05.2025

Sl. No.	Students' Name	Roll No.	Mobile No.
1	Sesannai Mitra	24265	6291414932
2	Jaymila Kar	24233	0477817021
3	Ankita Samra	24230	8240519017
4	Aditi Chakraborty	24228	8293751118
5	Vaisha Shaw	24267	9903791167
6	Manisha Nalla	04244	0290137107
7	Suhani Kumar	04277	020062302

S. P. Head of the Department
Department of Physics

17/05/25 Head of the Department
Department of Mathematics

17.5.25 Head of the Department
Department of Computer Science

17/05/25 Head of the Department
Department of Electronic

Teachers' Signature

Report

Report of Open House Program
Session: 2024-2025
Event Type: Open House Program
Event Date: 21 /05/2025
Room No.: VB-6
Semester: 2
Department: Computer Science, Physics, Mathematics and Electronic Science
Attendance: 7
Objective: To discuss about the problems they faced in collage.
Brief Description: Students of semester 2 were present in the meeting with their guardian.
Outcome: Several problems are pointed out throughout the discussion.

Indrani Guha
Head of the Department
Department of Electronic

Teacher's Day Celebration



Report on Fresher's Welcome and Teachers Day Celebration

Report about Teachers Day and Freshers Welcome

Department: Electronic Science

Session:2024-2025

Date: 1/10/2024 **Semester:** SEM I, III **Venue/mode:** SH-1

Time: 11:00-3.00 am

Department: Computer science, Mathematics, Physics, Electronic science, Botany, Zoology, Chemistry

Objective: To welcome the new students of semester I and celebrate teachers' day.

Number of attendees: Students: 26 Teacher: 8

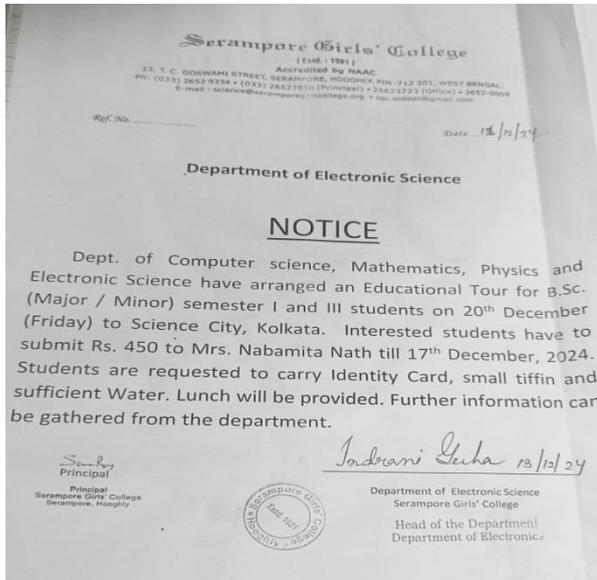
Outcome: It enhanced the relationship between all semester students and teachers.

Andrani Guha
Head of the Department
Department of Electronic

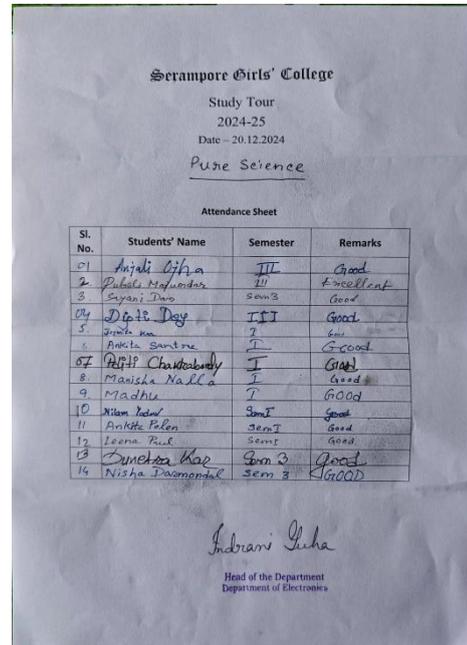
Educational Tour

Semester: I, III

Notice



Students Attendance



Sample Pictures



Report

Report about Educational Tour

Department: Electronic Science

Session: 2024-2025

Date: 20/12/2024

Semester: SEM I, III Venue/mode: Science City Time: 9am-7pm

Number of attendees: 14 Students: 26 Teacher: 8

Department: Computer science, Mathematics, Physics, Electronic science, Botany, Zoology, Chemistry

Objective: To enhance knowledge and understanding (ii) To promote teamwork and social skills (iii) To encourage independent learning (iv) To promote creativity and critical thinking (v) To provide a break from the monotony of classroom learning

Brief Description: Department of Computer Science, Mathematics, Physics and Electronic science together arranged an educational tour to Science City, Kolkata on 20th December, 2024. The tour was arranged for semester-I and semester-III students of all the above-mentioned science departments. The journey was started from Serampore at about 9 a.m. on the day. It is an excellent opportunity for students to learn about various scientific phenomena, including electricity, magnetism, and optics. Students enjoyed the show and earned lots of knowledge from the show. Small lunch and snacks were arranged in between. The journey ended at Serampore at about 7 p.m.

Outcome: In conclusion, the educational tour provides excellent opportunity for students to learn outside of the classroom setting. The tour's theme of promoting scientific knowledge, historical awareness, and environmental consciousness is evident in the choice of destinations. The tour is an excellent opportunity for students to gain practical knowledge that they can apply in real-life situations, broaden their horizons, and enhance their learning experience.

Indrani Guha
Head of the Department
Department of Electronic

Sign of HOD and stamp

Student's Participation in different Activities

Annual Sports



Annual Sports Day, Department: Electronic Science, Date: 23/12/2024, Semester: SEM I
Venue/mode: COLLEGE GROUND Time: 10AM-3PM

Inter College Competition



Department: Electronic Science, **Session:** 2024-2025, **Date:** 04/10/2024, **Semester:** SEM I
Venue/mode: COLLEGE CAMPUS **Time:** 10AM-3PM
Number of attendees: 1, Dance Competition

Earth Day Celebration

Poster Making Competition



Poster Making Competition, Session: 2024-2025, Semester: II, Date: 22/04/2025



Poster Making Competition Prize Distribution, Session: 2024-2025, Semester: II, Date: 22/04/2025, Got 1st Prize

Model Making Competition



Model Making Competition, Session: 2024-2025, Semester: II, Date: 22/04/2025



Model Making Competition Prize Distribution, Session: 2024-2025, Semester: II, Date: 22/04/2025, Got 1st Prize

Art & Craft Exhibition and Food Fair



Participation in Food Fair, Session: 2024-2025, Semester: II, Date: 13/05/2025

Strength of the Department

- Special Attention to all students.
- Teachers are always very responsive.
- Student teacher ratio is very good.
- Laboratory set up is good. All instruments are present.
- Students can practice according to their need.

Weakness of the Department

- Number of students in the department.
- Merits of the most of the students are not up to the mark.

Indrani Guha
Head of the Department
Department of Electronic

Department of Electronic Science