



Principal  
**Dr. Mrs.V.S. Nalawade**  
M.Sc.,M.Ed.,M.Phil.,SET.,Ph.D.

Rayat Shikshan Sanstha's  
**AZAD COLLEGE OF EDUCATION,  
SATARA**

Estd. 1955

Dist.- SATARA -415001 (Maharashtra - India)

(Affiliated to Shivaji University, Kolhapur)

Accredited at 'A' grade (CGPA 3.14) 2012 by NAAC  
Lead College Status Awarded by Shivaji University, Kolhapur

**Founder : Padmabhushan Dr.Karmaveer Bhaurao Patil**



स्वातंत्र्याचा अमृत महोत्सव

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NCTE Approval No.- WRC/APW0425/113029

**2.3.1 Student Centric methods such as experiential learning, participative learning, problem solving methodologies, are used for enhancing student learning**

<b>Sr. No.</b>	<b>Uploaded Documents</b>
1	Course wise details of modes of teaching learning
2	Participative learning Photos
3	Experiential learning
4	Problem solving methodologies Photos
5	Focused group discussion Photos
6	Seminar report
7	Models of teaching lesson note
8	Brain storming and Group discussion report

# Azad College of Education, Satara

## 2.3.1 Course wise details of modes of teaching learning adopted during last completed academic year in each Programme

### First Year Semester - I

Sr. No.	Course No.	Course Name	Teaching learning Mode
1.	1	Childhood & Growing up	Lecture cum discussion method, Group discussion, Cooperative, learning techniqs, Group Discussion , PPT
2.	2	Contemporary India& Education	Lecture cum discussion method, Cooperative learning techniqs, PPT, Project
3.	3	Understanding Discipline & Subjects	Lecture cum discussion method, Cooperative learning techniqs, Brain storming
4.	EPC -1	Reading & Reflecting on Texts	Collaborative learning, Participatory learning , Workshop,
5.	A-7	Language across school curriculum	Collaborative learning, Participatory learning , Workshop
6.	A-1	Diagnostic and Enriching the Teaching Skills	Collaborative learning, participatory learning , workshop
7.	A-2	Lesson Planning Workshop & Demonstration lesson	Collaborative learning, participatory learning , workshop
8.	A-3	Simulated Teaching Workshop	Collaborative learning, participatory learning , workshop
9.	A-4	Teaching Aids Workshop	Collaborative learning, Participatory learning, Workshop, Experiential learning , Project
10.	A-5	School Engagement and visit to innovative centres of pedagogy and leaning	Field visit, experiential learning, Collaborative learning, Seminar, Survey, Project, Problem solving



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## First Year Semester - II

Sr. No.	Course No.	Course Name	Teaching learning Mode
1.	4	Learning and Teaching	Lecture cum discussion method, Brain storming, Cooperative learning techniqs,
2.	5a	Knowledge and Curriculum Part –I	Lecture cum discussion method, Brain storming, Cooperative learning techniqs
3.	6a –I	Pedagogy of School Subject One Part- I	Lecture cum discussion method, Seminars, Brain storming, Cooperative learning techniqs, Group discussion
4.	6a –II	Pedagogy of School Subject Two Part- I	Lecture cum discussion method, Seminars, Brain storming, Cooperative learning techniqs, Problem solving
5.	7	Assessment for Learning	Lecture cum discussion method, Cooperative learning techniqs
6.	EPC -2	Drama & Art in Education	Experiential learning, Participative learning, Collaborative learning,
7.	B-1	School Engagement and visit to innovative centres of Pedagogy and Learning	Experiential learning, Collaborative learning, Field visits, Survey
8.	B-2	Field Engagement	Experiential learning, Collaborative learning, Field visits, Survey
9.	B-3	Internship	Experiential learning, Participative learning, Collaborative learning, Seminar , Work shop, case study, Project
10.	B-4	Diagnostic test on Content knowledge & Remedial Programme	Collaborative learning, Seminar, Participative learning



  
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## Second Year Semester - III

Sr. No.	Course No.	Course Name	Teaching learning Mode
1.	<b>6b -I</b>	Pedagogy of School Subject One Part -II	Lecture cum discussion method, Seminars, Brain storming, Cooperative learning techniqs, PPT, Problem solving
2.	<b>6b -II</b>	Pedagogy of School Subject Two Part -II	Lecture cum discussion method, Seminars, Brain storming, Cooperative learning techniqs, PPT, Problem solving
3.	<b>C-1</b>	School Internship	Workshop, Experiential learning, Collaborative learning, Field visit, Survey, Case study, Research project
4.	<b>C-2</b>	Health & Physical Education	Workshop, Experiential learning, Participative learning
5.	<b>C-3</b>	Psychological Testing	Workshop, Experiential learning, Case study
6.	<b>C-4</b>	Action Research	Workshop, Experiential learning, Collaborative learning, Participative learning , Research project, Problem solving
7.	<b>C-5</b>	Constructivist Approach to Teaching	Workshop, Experiential learning, Collaborative learning, Participative learning, PPT



  
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## Second Year Semester - IV

Sr. No.	Course No.	Course Name	Teaching learning Mode
1.	8	Gender, School & Society	Lecture cum discussion method, Seminars, Brain storming , Participative learning, PPT, Case study
2.	5b	Knowledge & Curriculum Part II	Lecture cum discussion method, Seminars, Brain storming , Participative learning, PPT
3.	9	Creating an inclusive School	Lecture cum discussion method, Seminars, Brain storming, Participative learning, PPT
4.	10	Optional Course (Any One) *	Lecture cum discussion method, Seminars, Brain storming , Participative learning, PPT, Problem solving
5.	EPC 3	Critical Understanding of ICT	Experiential learning, Participative learning, Collaborative learning
6.	EPC 4	Understanding the Self	Presentation, Collaborative learning, Participative learning
7.	D-1	Educational Tour	Collaborative learning, Participative learning , Field visit
8.	D-2	Project related to community Experience	Collaborative learning, Participative learning , Field visit, Project
9.	D-3	Workshop on Models of Teaching	Work shop, Collaborative learning, Participative learning ,
10.	D-4	Annual Lesson Examination	Collaborative learning, Participative learning
11.	D-5	General Orientation of Student Teacher	Workshop, Collaborative learning, Participative learning

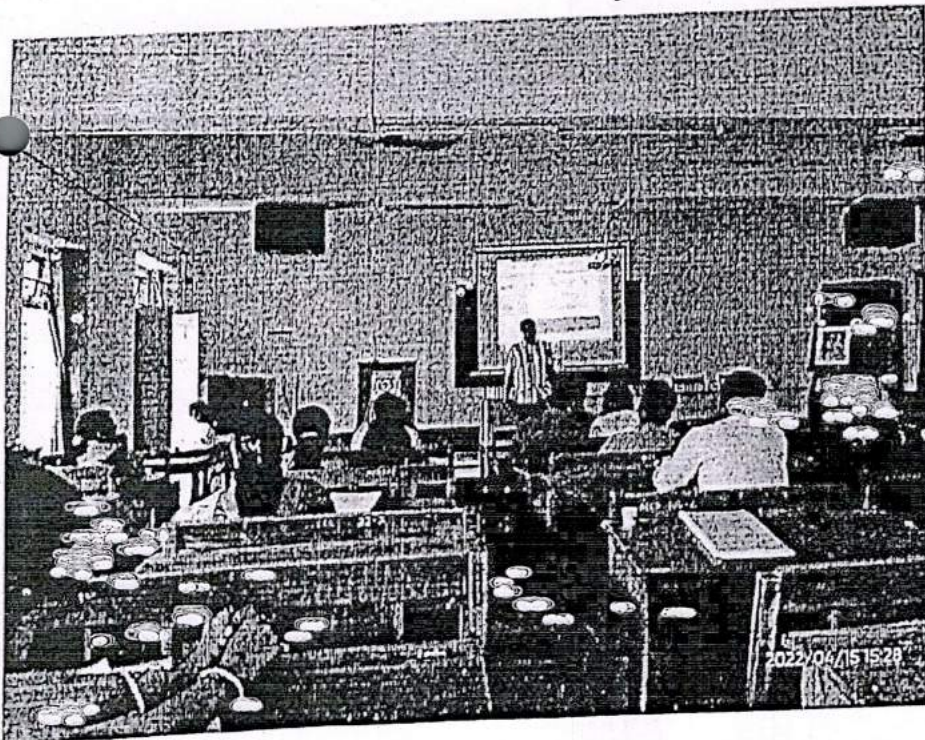


  
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## Participative Learning

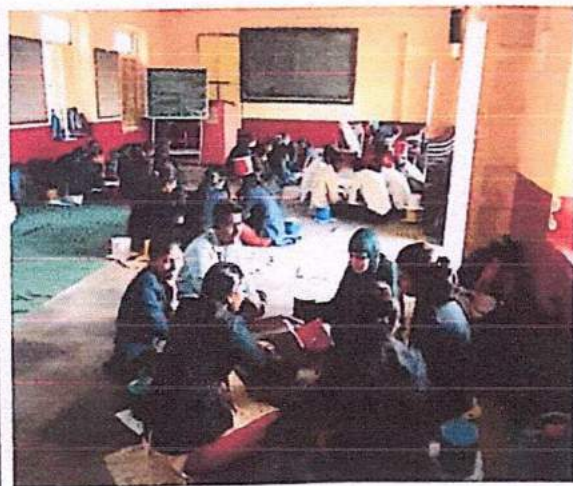
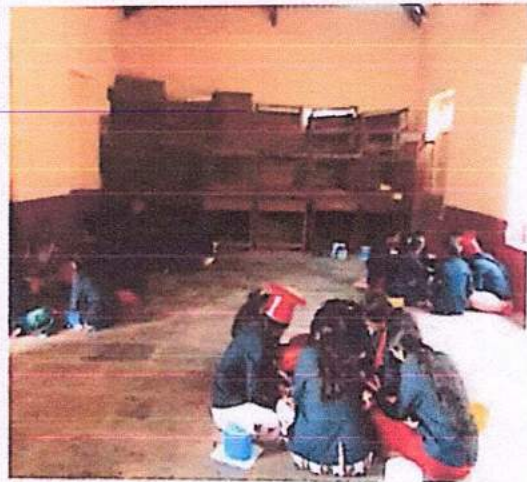
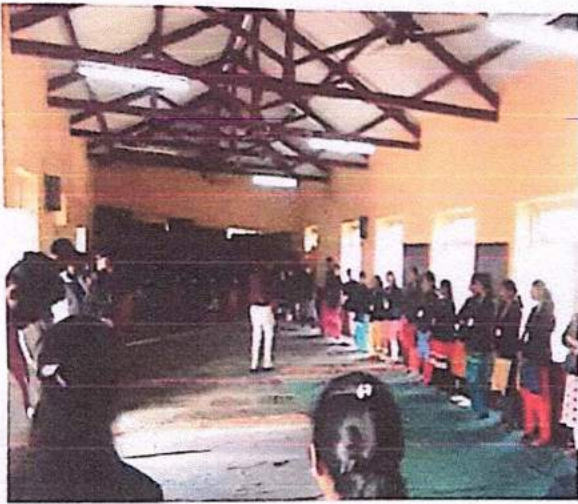
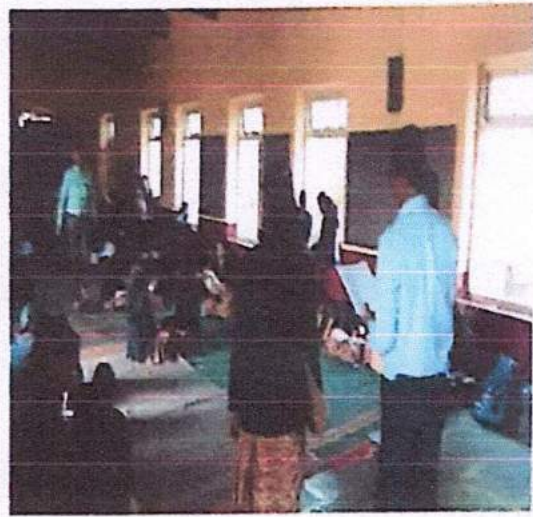
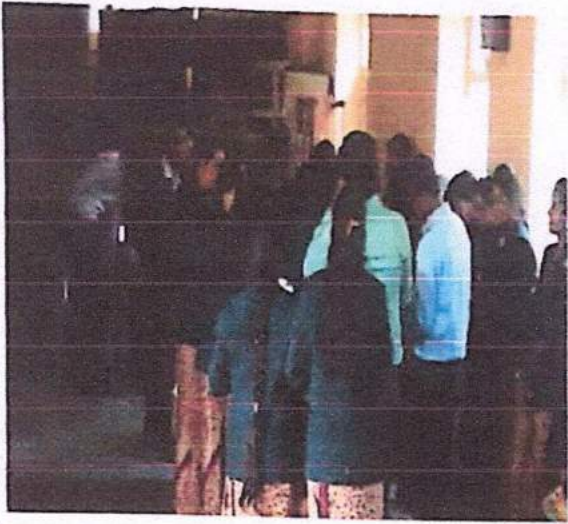


## Use of ICT



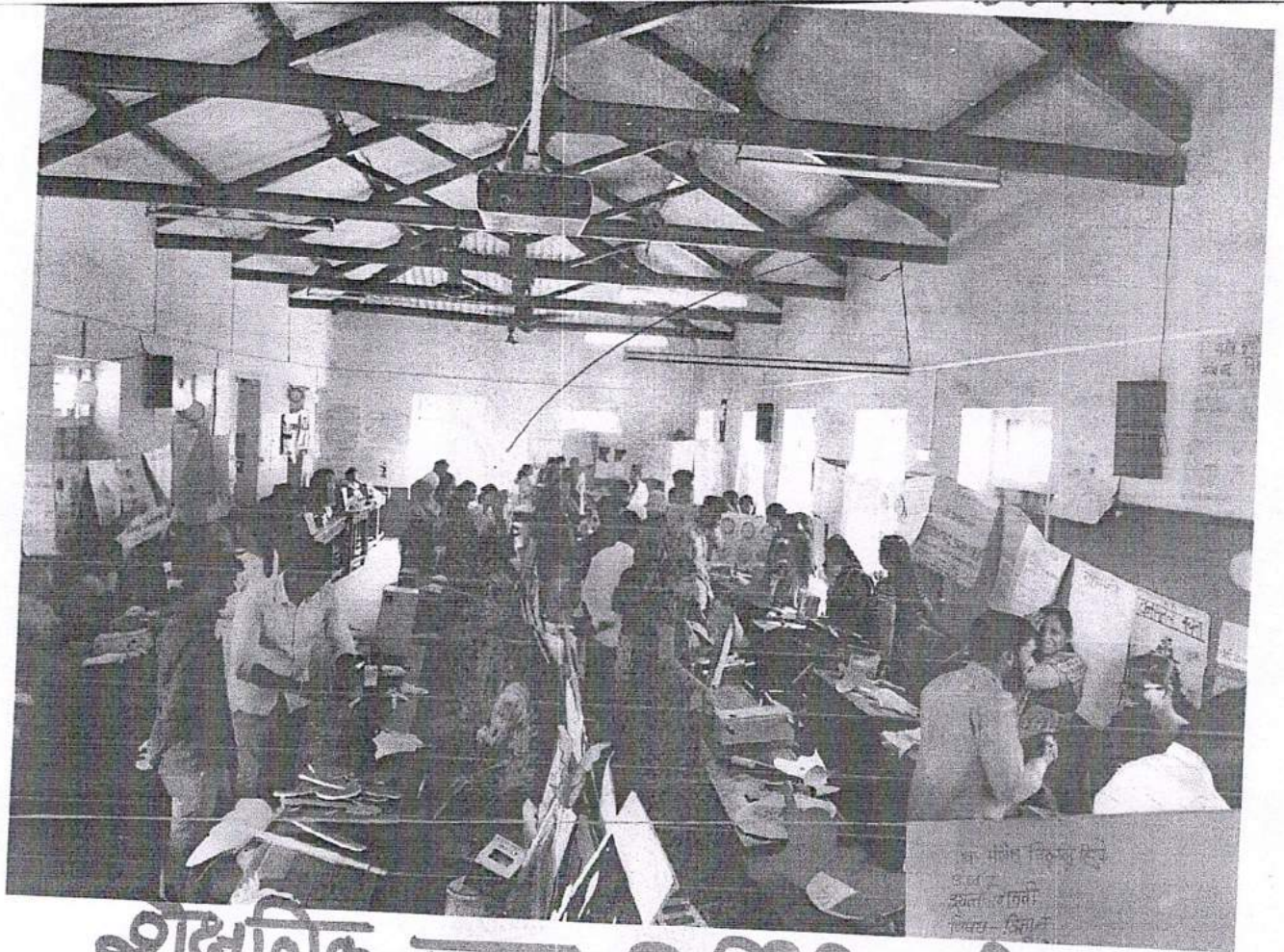
  
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## 2 Participative Learning



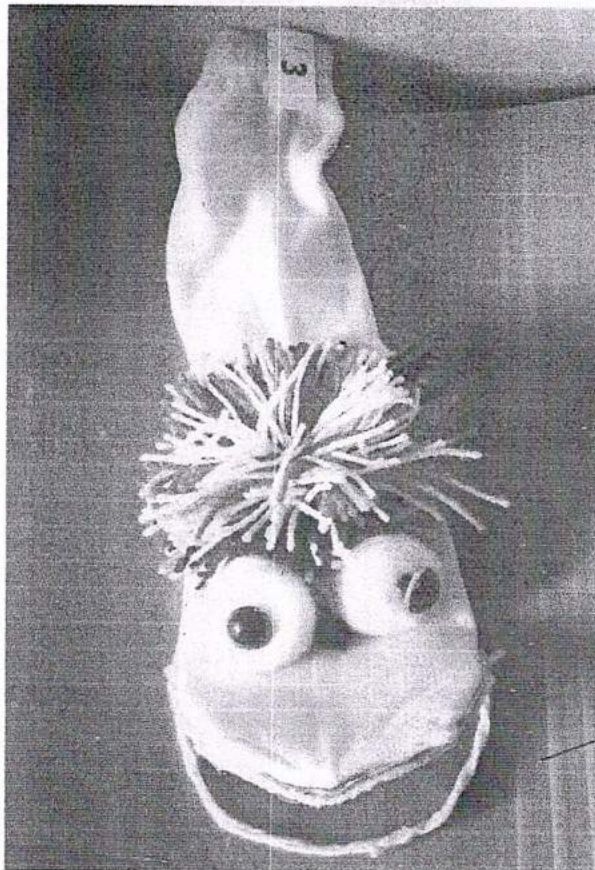
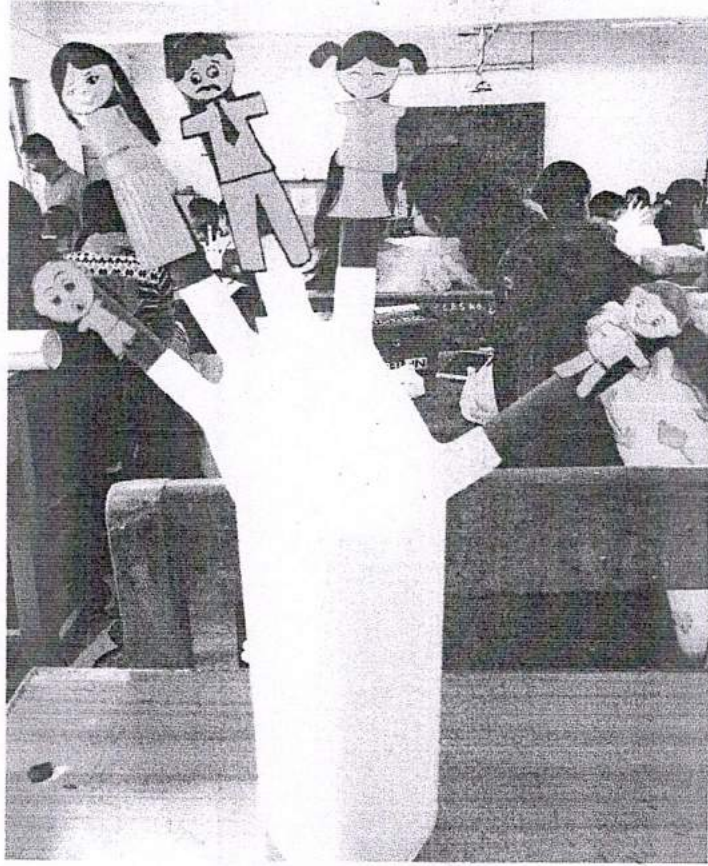
### 3. Teaching Aids Workshop

1. Experiential Learning
2. Participative Learning



शैक्षणिक साधन निर्मिती कार्यशाळा प्रदर्शन

# Hand puppet





3.

1. Experiential learning
2. Participative learning

रयत शिक्षण संस्थेचे,  
आझाद कॉलेज ऑफ एज्युकेशन, सातारा.  
Drama & Art In Education Workshop

२०२१-२०२३(२०२१-२०२२)

सोमवार	गुरूवार	शुक्रवार	शनिवार	सोमवार
०३/१०/२०२२	०६/१०/२०२२	०७/१०/२०२२	०८/१०/२०२२	१०/१०/२०२२
वेळ ११.०० ते ०१.०० डेकोरेशन तृती पतंगे	वेळ ११.०० ते ०१.०० गायन शुभांगी मदने	वेळ ११.०० ते ०१.०० रांगोळी प्रकार मनिषा मोरे	वेळ ११.०० ते ०१.०० अभिनय चंद्रकांत कांबिरे	वेळ ०१.०० ते ०२.३० पेन अँड इंक आर्ट गणेश कोकरे
वेळ ०१.०० ते ०१.३० सुट्टी	वेळ ०१.०० ते ०१.३० सुट्टी	वेळ ०१.०० ते ०१.३० सुट्टी	वेळ ०१.०० ते ०१.३० सुट्टी	वेळ ०२.३० ते ०३.०० सुट्टी
वेळ ०१.३० ते ०२.३० साडी प्रकार व फेटे बांधणी सपना आगटे व श्री गायकवाड	वेळ ०१.३० ते ०३.३० नृत्यकला प्रसाद चव्हाण	वेळ ०१.३० ते ०३.३० पपेट शो तृती पतंगे आणि मनिषा मोरे	वेळ ०१.३० ते ०३.३० काष्ठशिल्प राहुल लोढे	वेळ ०३.०० ते ०५.०० मातीकाम गणेश कोकरे
२.३० ते ३.०० सुट्टी				
वेळ ०३.०० ते ०५.०० वारली पेंटिंग श्वेता जंगम				

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2/3/21

## નટસમ્રાર

નાવ	કાર્યક્રમ નાવ	શેત્ર નં
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જાધવ આશ્વિની અશોક - 1)	નાટક	92
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2)	સમૂહગીતગાયન	
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3)	પોવાડા	
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2) ઘોરપડે પ્રાજક્તા પ્રકાશ - 1)	નાટક	90
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2)	સમૂહગીતગાયન	
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3) કાર્વેકર ગિતાંજલી જગન્નાથ - 1)	નાટક	17
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2)	સમૂહગીતગાયન	
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4) જમવડે ક્ષિતિજા રાજેન્દ્ર - 1)	નાટક	16
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2)	સમૂહગીતગાયન	
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5) ઘોતે ગિતાંજલી રત્નકુમાર - 1)	નૃત્ય	7
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2)	અંગગ-ગાયન	
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3)		
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6) વાડગે દિક્ષા સહ્યાશમ - 1)	નાટક	9
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2)	સમૂહગીતગાયન	
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7) લાગવાન સાયમિન સાજિદ - 1)	નાટક	1
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2)	સમૂહગીતગાયન	
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8) જાધવ માદેશ્વરી આપિનાથ - 1)	નાટક	13
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2)	સમૂહગીતગાયન	
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9) ચંબાળ હર્ષદ મહિપતી - 1)	નાટક	03
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2)	સમૂહગીતગાયન	
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	સેલ નં	રોલ નં
11) છાકો વિના ચંદ્રકાંત	1) નાટક	8
	2) સમૂહગીત ગાયન	

12) ચળાવ શ્વાતી લાનાજી	1) નાટક	05
	2) સમૂહગીત	

13) જમણે દિલીજા રાજેશ	1) નાટક	16
	2) સમૂહગીત	

14) દિરવે મંગેશ વિરલ	1) નાટક	11
	2) પોવાડા	

15) માને રાજેશ આનંદા	1) નાટક	23
	2) પોવાડા	

16) ચળાવ શેઠીર લાનાજી	1) નાટક	04
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17) જાણ સેંકાર રાજેશ	1) નાટક	14
	2) પોવાડા	

## EPC-II

गट क्रमांक - 1

Group - 1

गटाचे नाव :- \* नटसम्राट \*

कार्यक्रमाची रूपरेखा

1) गणेश वंदना - गीतांजली धोत्रे → 5 min

2) समुहगीत गायन - (ऐ वृत्तन मेरे, आवाद रहे तू।)  
- सर्व मुले → 5 min

3) अक्षंभा - सुंदर ते ध्यान - गीतांजली धोत्रे → 5 min

4) नाटक - शेतकऱ्याची व्याथा - सर्व मुले → 25 min

5) पोवाडा - i) युगत मांडली - सर्व मुले → 10 min

ii) सद्यराजांची किर्ती - सर्व मुले + आश्विन जाधव

→ 10 min.

8)

9)

EPC - 2			
Group No - 24			
अ.नं.	हजेरी नं.	विद्यार्थी शिक्षकाचे नाव	सादरीकरण घटक
1	67	यास्मिन मोहम्मद रफी शेख	देशभक्तीपर गीत
2	58	रुतिषा किसन पडघे	डान्स (लावणी)
3	64	शितल अरुण साळुंखे	नाटक
4	57	रेखा संदिप निकम	
5	69	श्वेता शशिकांत शिंदे	
6	65	स्वाती मानसिंग साळुंखे	
7	61	कुणाल विजय पवार	
8	72	सुनिता अंबाजी येडगे	
	58	रुतिषा किसन पडघे	
9	73	साईनाथ मारुती झळके	भारुड
10	70	जीवन उत्तम तडाखे	
11	55	अमर राजेंद्र निकम	
12	63	निकिता संजय रोकडे	
13	68	पूजा वसंत शिंदे	देशभक्तीपर थीम डान्स
14	56	किशोरी रमेश निकम	
15	59	अक्षता तानाजी पाटील	
16	71	अश्विनी दादासो यादव	
17	66	प्रियांका भानुदास सपकाळ	देशभक्तीपर समूहगीत
18		किर्ती ननावरे	
	71	अश्विनी दादासो यादव	
	72	सुनिता अंबाजी येडगे	
	56	किशोरी रमेश निकम	
	68	पूजा वसंत शिंदे	
	67	यास्मिन मोहम्मद रफी शेख	
		<b>मार्गदर्शक प्राध्यापक</b>	
		प्रा.धोंडगे सर	
		प्रा. पाटील मंडम	
		प्रा. कांबळे सर	

ગટમે નાવ - અગતસિંગ

રોલ નં :-

નાવ

- |    |                          |
|----|--------------------------|
| ૩૬ | કુલકર્ણી સુનેલ્લતા સુરેશ |
| ૨૦ | મહાંગડે હોમન રાજેન્દ્ર   |
| ૨૨ | માઠે દિપાલી સુરેશ        |
| ૨૪ | ગાંધી મીનાબી અમૃત        |
| ૨૫ | નાંગરે પ્રતિક્ષા માધવ    |
| ૨૬ | પાટીલ મોકાર હમ્મરાવ      |
| ૨૭ | પઠારે સરિતા દીનિશ્વર     |
| ૨૮ | શાકુત સ્વેતા વિનાયક      |
| ૨૯ | સાવલ પ્રતિક્ષા શાકુત     |
| ૩૦ | સપકાલ રસિકા સંજય         |
| ૩૧ | શિંદે અંકિતા સુરેશ       |
| ૩૨ | તારે વૈભાવી વિદ્યાધર     |
| ૩૩ | ચાલ સોનિયા હંભીરરાવ      |
| ૩૪ | હાપલ્લી મહંદ મહાસિપ્રદ્ય |
| ૩૫ | ચોમુલે પ્રવિદા વિજયકુમાર |
| ૩૬ |                          |

શ્રેણી નં રોલ નં

11) ઘાઙ્ગે વિજા ન્યંદ્રકાંત 1) નાટક 8  
2) સમૂહગીત ગાયન

12) ચણ્ણા શ્વાતી લાનાજી 1) નાટક 05  
2) સમૂહગીત

13) જમણડે દિલીજા રાજેદ્ર 1) નાટક 16  
2) સમૂહગીત

14) દિશ્વે મંગેશ વિઠ્ઠલ 1) નાટક 11  
2) પોવાડા

15) માને રાજેદ્ર આનંદા 1) નાટક 23  
2) પોવાડા

16) ચણ્ણા શ્વાતી લાનાજી 1) નાટક 04

17) જાણજા ઝેંકાર રાજેદ્ર 1) નાટક 14  
2) પોવાડા

गट क्रमांक - ०३

मागदर्शक शिक्षक -

प्रा. नुतन नांगरे मॅडम.

प्रा. डॉ. म. बी. पाटील.

प्रा. डॉ. म. मन. जाधव.

शेल्स नंबर

विद्यार्थींची नावे

०६

ढेंबरे आरती शिवाजी

३६

बोशटे प्रतिक्षा सुशिल

३७

चव्हाण प्रजा जयवंतराव

५०

देशमुख वर्षा अण्णासो

५१

ढोलताडे राजन भगवान

५२

गांबरे चैतन्य विठ्ठल

५३

घाडगे सविता प्रल्हाद

५५

गोगावले आश्विनी सुराम

५५

जाधव सोनाली बबन

५६

जाधव स्वाती अवधूत

५७

जाधव वैभव मनोहर

५८

जगताप वैशाली जगन्नाथ

५९

खामकर रिखा सुनिल

५०

खान आसिका आयुब

५१

खरमाटे मेघा केशव

५२

मदने प्रियांका भाऊसाहेब

५३

मांडवे सौरभ सुभाष

## सादरीकरणा

46	जाधव स्वाती अवधुत	- अभंग
06	देबरे आरती शिवाजी	- नृत्य (1)
42	गांबरे चैतन्य विठ्ठल	- वेशभूषा
36	बीरारे प्रतिक्षा सुनिम	- काव्यवाचन
53	मांडवे सौरभ सुभाष	- काव्यवाचन
50	खान आसिफा आयुब	- गीत
46, 50	जाधव स्वाती अवधुत खान आसिफा आयुब	- विनोदी गीत
47	जाधव वैभव मनोहर	- हुकांकिता

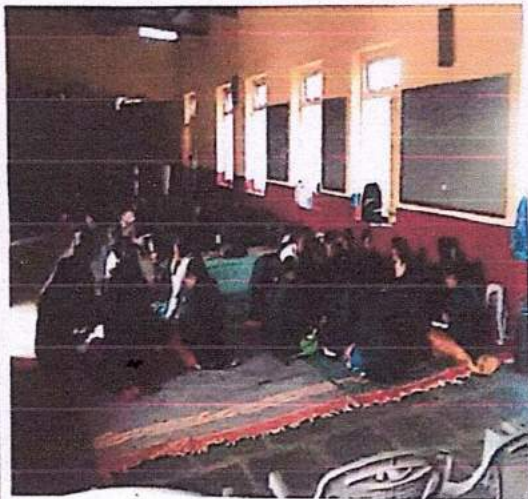
समूहगीत - (सर्वजना)

नारिका - (सर्वजना)

06, मांडवे सौरभ, देबरे आरती 53 - नृत्य  
53, 47, 46, 06, 36, 42, 49, 50, 52 - पोवाडा

50 - सूत्रसंचालन

#### 4. Problem Solving methodology



# 6. Seminar

Rayat Shikshan Sanstha's

**Azad College of Education, Satara**

**B.Ed. Part II , Semester III, 2022-2023**

**Course 6b – I, Science Methodology**

**SEMINAR**



Sr. No.	Name	Topic
1.	Bagwan Saymeen Sajid	Magnetism - चुंबकत्व
2.	Chavan Ranveer Tanaji	Energy - उर्जा
3.	Chavan Swati Tanaji	Motion - गती
4.	Dhembare Arati Shivaji	Properties of matter - पदार्थचे गुणधर्म
5.	Ghadage Veena Chandrakant	Electricity- विद्युत
6.	Ghadge Diksha Sakharam	Land - जमीन
7.	Ghorpade Prajakta Prakash	Animal cell - प्राणीपेशी
8.	Hirve Mangesh Vitthal	Ecosystem - परिसंस्था
9.	Jadhav Ashwini Ashok	Human health- मानवी आरोग्य
10.	Jadhav Maheshwari Adinath	Technology तंत्रज्ञान व मानवी जीवन
11.	Jadhav Onkar Ravindra	Digestive system - पचन संस्था
12.	Jamdade Kshitija Rajendra	Respiratory system - श्वसन संस्था
13.	Karvekar Geetanjali Jagannath	Grain production and management - धान्य उत्पादन व व्यवस्थापन
14.	Kulkarni Snehalata Suresh	Plant tissues - वनस्पती पेशी
15.	Mahangade Komal Rajendra	Reproduction organism - पुनुरुत्पादक जीव
16.	Mane Dipali Suresh	Microorganism - सूक्ष्मजीव
17.	Mane Rajendra Ananda	Atomic bonding - आयनिक बंध
18.	Nale Monali Amrut	Metals - धातू
19.	Nangare Pratiksha Madhav	Non metals - अधातू

20.	Patil Omkar Bapurao	Reflection –परावर्तन
21.	Phadtare Sarita Dnyaneshwar	Refraction - अपवर्तन
22.	Raut Shweta Vinayak	Nanotechnology - अति सूक्ष्म तंत्रज्ञानाची ओळख
23.	Sable Pratiksha Shatrughna	Sound - ध्वनी
24.	Sapkal Rasika Sanjay	Disaster Management - आपत्ती व्यवस्थापन
25.	Shinde Ankita Suresh	Chemical Change - रासायनिक बदल
26.	Tate Vaishnavi Vidyadhar	Pollution - प्रदूषण
27.	Yadav Soniya Hambirrao	विश्व, तारे- Universe, stars

❖ Time for each student – 10 Min. Presentation + 5 Min. Discussion

❖ Submit written synopsis / PPT handouts of presentation.

• Presentation each unit includes –

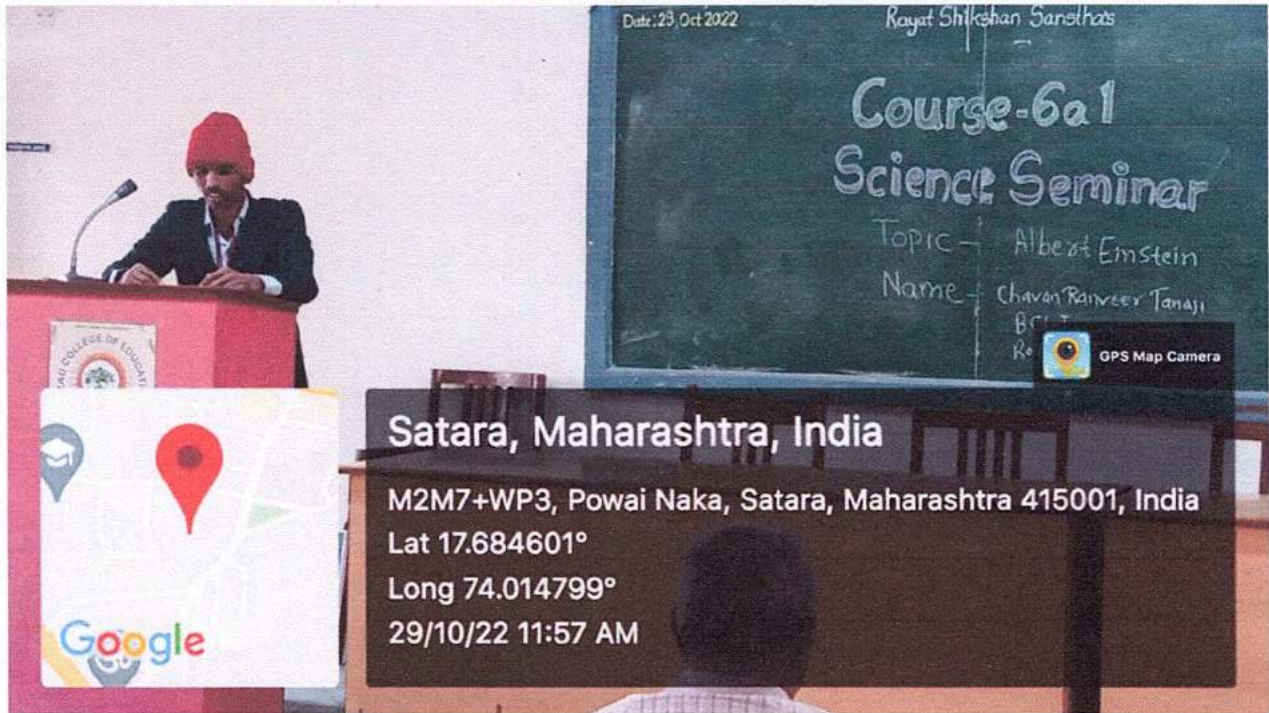
- 1) Content analysis ;
- 2) Specification of instructional objectives in behavioral terms ;
- 3) Suggesting teaching strategies;
- 4) Selection of teaching aids with note on their preparation and mode of use ;
- 5) Design demonstration procedure and / or experiments ;
- 6) Suggest investigatory or observation based questions ;
- 7) Identifying the misconceptions and appropriate remedial strategies

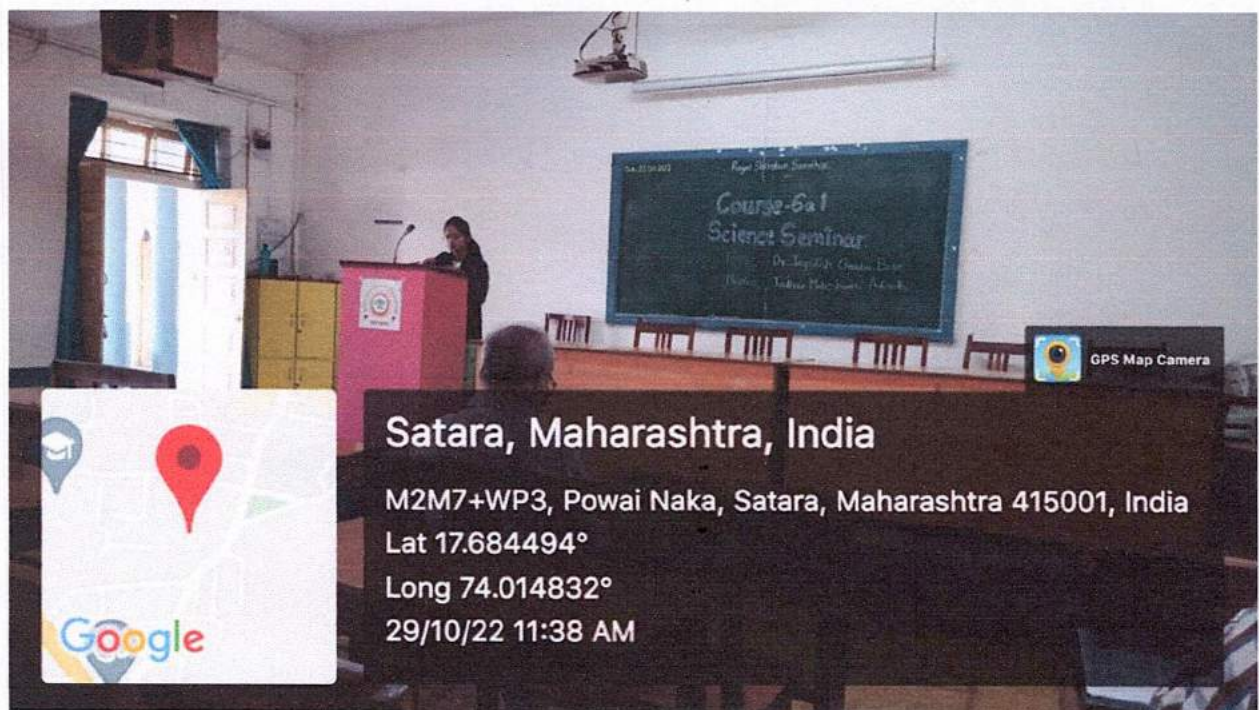


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## Science Seminar Photos





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July 1889

1. The first part of the document is a list of names and their corresponding dates. The names are: "John Doe", "Jane Smith", "Bob Johnson", "Alice Brown", "Charlie White", "David Green", "Eve Black", "Frank Gray", "Grace Pink", "Henry Blue", "Ivy Yellow", "Jack Purple", "Karen Red", "Leo Orange", "Mia Silver", "Noah Gold", "Olivia Bronze", "Peter Copper", "Quinn Iron", "Rachel Steel", "Sam Tin", "Tina Lead", "Uma Zinc", "Victor Nickel", "Wendy Platinum", "Xavier Silver", "Yara Gold", "Zoe Bronze", "Adam Copper", "Eve Iron", "Frank Steel", "Grace Tin", "Henry Lead", "Ivy Zinc", "Jack Nickel", "Karen Platinum", "Leo Silver", "Mia Gold", "Noah Bronze", "Olivia Copper", "Peter Iron", "Quinn Steel", "Rachel Tin", "Sam Lead", "Tina Zinc", "Uma Nickel", "Victor Platinum", "Wendy Silver", "Xavier Gold", "Yara Bronze", "Zoe Copper". 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## models of Teaching - Simulation





Principal  
Azad College of Education  
Satara

दिनांक - / / २००

पत्र निर्देशक

## 8. Brainstorming and Group discussion report

Rayat Shikshan Sanstha's,

### AZAD COLLEGE OF EDUCATION, SATARA

#### Group Discussion Activity Report

#### Semester – III

#### Subject- 6b-I Pedagogy of school subject Science Part II

**Event Date** – 20/03/2023

**Participant** – Science method B.Ed. Second year students (Total - 23)

**Time** – 1.20 pm to 3.00 pm

**Coordinator** – Dr. A. B. Patil

#### Objectives –

To enable the student teacher to ,

1. Understand the objectives, organization and activities of science club.
2. improve communication skill
3. develop the leadership qualities
4. enhance the thinking skill

#### Activity

On 20<sup>th</sup> March 2023 , the group discussion was conducted on topic Science club. There were three groups in discussion. First group choose the topic objectives of science club. Second group organization of science club and third group activities of science club.

All three groups discussed the chosen topic in detailed. Every member of group participated in group discussion. The coordinator observes the discussion of each group and gave needed guidance. After discussion was over, each group leader presented the key points in brief.

Lastly coordinator summaries and conclude the group discussion highlighting all the important points discussed and presented by all the groups.

#### Out comes-

Student teacher

1. Understand the objectives, organization and activities of science club.
2. improve communication skill
3. develop the leadership qualities
4. enhance the thinking skill

  
Head

**Rayat Shikshan Sanstha's,**  
**AZAD COLLEGE OF EDUCATION, SATARA**

Group Discussion Activity  
Presenty

20/03/2023

Sr No.	Roll No.	Name of the Student	Sign
1	10	Ghorpade Prajakta Prakash	<u>Ghorpade</u>
2	12	Jadhav Ashwini Ashok	<u>Ashwini</u>
3	24	Nale Monali Amrut	<u>Monali</u>
4	09	Ghadge Diksha Sakharam	<u>Ghadge</u>
5	25	Nangame Pratiksha Madhav.	<u>Pratiksha</u>
6	17	Kasvekar Greetanjali Jagannath	<u>WLS</u>
7	06	Dhembare Arati Shivaji	<u>Dhembare</u>
8	05	Chavan Swati Tanaji	<u>Chavan</u>
9	35	Yadav Soniya Hambirao	<u>Soniya</u>
10	29	Sabale Pratiksha Shatrughna	<u>Sabale</u>
11	11	Mangesh. Vittal Hirve	<u>Mangesh</u>
12	19	Kulkarni Snehalata Suresh	<u>Sneha</u>
13	26	Patil Omkar Bapurao	<u>Patil</u>
14	33	Tate Vaishnavi Vidyadhar	<u>Vaishnavi</u>
15	31	Gapkal Raksha Sanjay	<u>Raksha</u>
16	8	Ghadage Veena Chandrakant	<u>Ghadage</u>
17	13	Jadhav Maheshwari Adinath	<u>Jadhav</u>
18	23	Mane Rajendra Ananda	<u>Mane</u>
19	28	Raut Shweta Vinayak	<u>Raut</u>
20	16	Jamdade Kshitisa Rajendra	<u>Jamdade</u>
21	14	Jadhav Omkar Ravindra	<u>Jadhav</u>
22	27	Phadtare Sanita Dnyaneshwar	<u>Phadtare</u>
23	32	Shinde Ankita Suresh	<u>Ankita</u>
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Head



Principal  
College of Education  
Satara

## विज्ञान मंडळ -

① उद्दिष्टे - ② रचना ③ शब्दलेखन उपक्रम -

### ① उद्दिष्टे

- 1] विज्ञान विषयाची आवड निर्माण झाली पाहिजे.
- 2] आत्मविश्वास वाढला पाहिजे.
- 3] सृजनशीलता वाढेल.
- 4] व्यावहारिक ज्ञान वाढेल.
- 5] विद्यार्थ्यांमध्ये संशोधक वृत्ती वाढेल.
- 6] वेळेचा सदुपयोग करणे.
- 7] चिकित्सक विचार करणे निर्माण करणे.
- 8] कृतिआधारित शिक्षण मिळणे.
- 9] विद्यार्थ्यांमध्ये वैज्ञानिक दृष्टिकोन निर्माण करणे.
- 10] विज्ञानातील मूलभूत संकल्पना समजून घेणे.
- 11] तंत्रज्ञानाविषयी आवड निर्माण करणे.
- 12] अद्युद्घा निर्मूलन करणे.
- 13] शास्त्रीय दृष्टिकोन बिंबवणे.
- 14] शास्त्रीय शोध व निसर्गातील कुतूहल जोडून काढण्याची सवय विद्यार्थ्यांना लावणे.
- 15] निरीक्षण शक्ती, निष्कर्ष क्षमता इ. कौशल्यांचा विकास करणे.
- 16] शास्त्रीय संज्ञांची आवड निर्माण करणे.
- 17] विद्यार्थ्यांची शास्त्रीय दृष्टी विशाल करणे.
- 18] विद्यार्थ्यांत बारकाईने निरीक्षण करण्याची शक्ति निर्माण करणे.
- 19] गवणवीन घडामोडींचा परिचय करून देणे.

## विज्ञान मंडळाची रचना

- १) मु. रचना करताना लक्षात घ्यावयाच्या बाबी
- १) मंडळाचा हेतू
- २) मंडळाचे नाव
- ३) सभासद कोण असतील, कुसे निवडावे
- ४) पैसा कसा जमवावा व कार्यक्रम कोणते घ्यावेत.

प्रमुख जबाबदारी - विज्ञान शिक्षक

विद्यार्थ्यांना मार्गदर्शन करणे व प्रेरणा देणे तसेच विविध कार्यक्रम राबवणे यशस्वरीत्या पाठ पाडणे.

मुख्याध्यापकाने विज्ञान शिक्षकाच्या मदतीने विज्ञान मंडळाची घटना, कार्यकारी मंडळ स्थापन करावे.

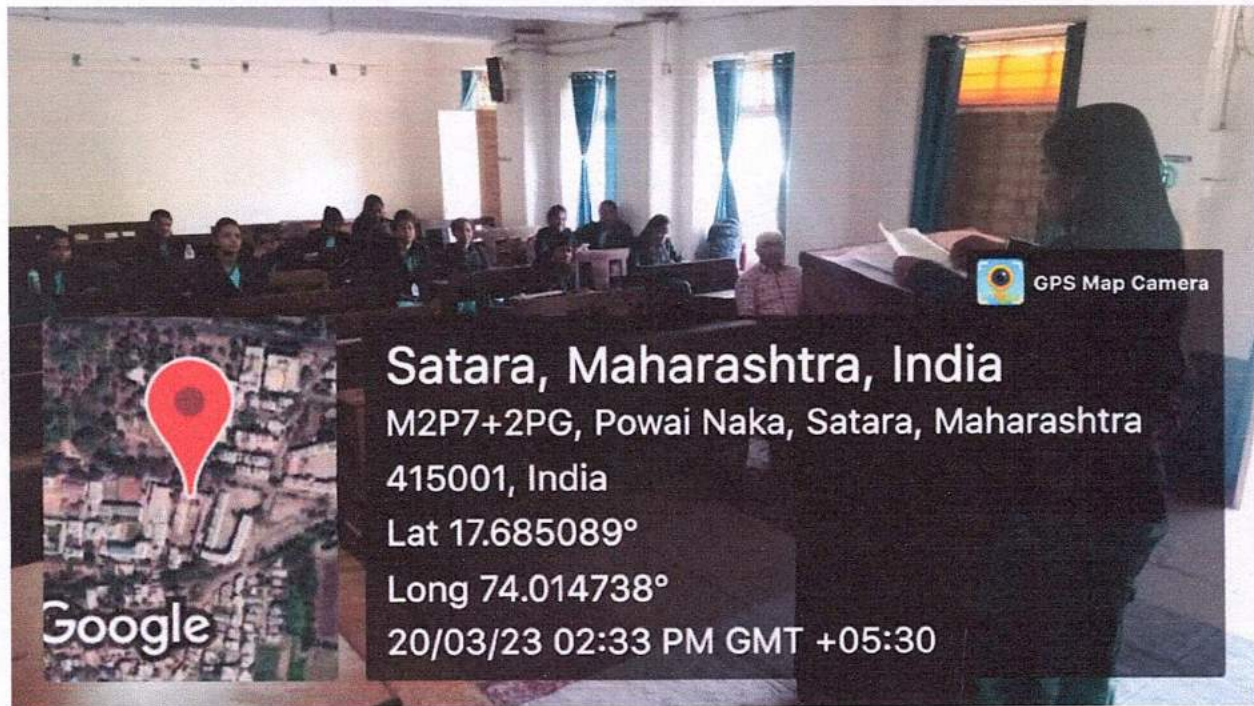
कार्यकारी मंडळातील व्यक्ती

- १) अध्यक्ष - नियोजनपूर्व कार्यक्रमाच्या वेळी अध्यक्ष म्हणून किंवा कार्यकारी मंडळाच्या बैठकांच्या वेळी उपस्थित राहणे.
- २) सचिव - सभेच्या कामकाजाचा वृत्तान्त ठेवणे, पत्रव्यवहार करणे.
- ३) सहसचिव - सचिवाला मदत करणे.
- ४) ग्रंथपाल - विज्ञान मंडळाच्या पुस्तकांची खरेदी, पुस्तकांचे रेजिस्टर Maintan करणे, पुस्तकांची देवाण - घेवाण करणे.
- ५) कोषाध्यक्ष - कार्यकारी मंडळाची मंजूरी घेवून मंडळासाठी लाभगारे साहित्य घेणे, त्याच्या नोंदी ठेवणे.
- ६) बातमीदार - विज्ञान मंडळाने घेतलेल्या कार्यक्रमांची बातमी देणे.
- ७) सदस्य - प्रत्येक इच्छेल्या मुक्त-मुक्त विद्यार्थी किंवा विद्यार्थिनी.

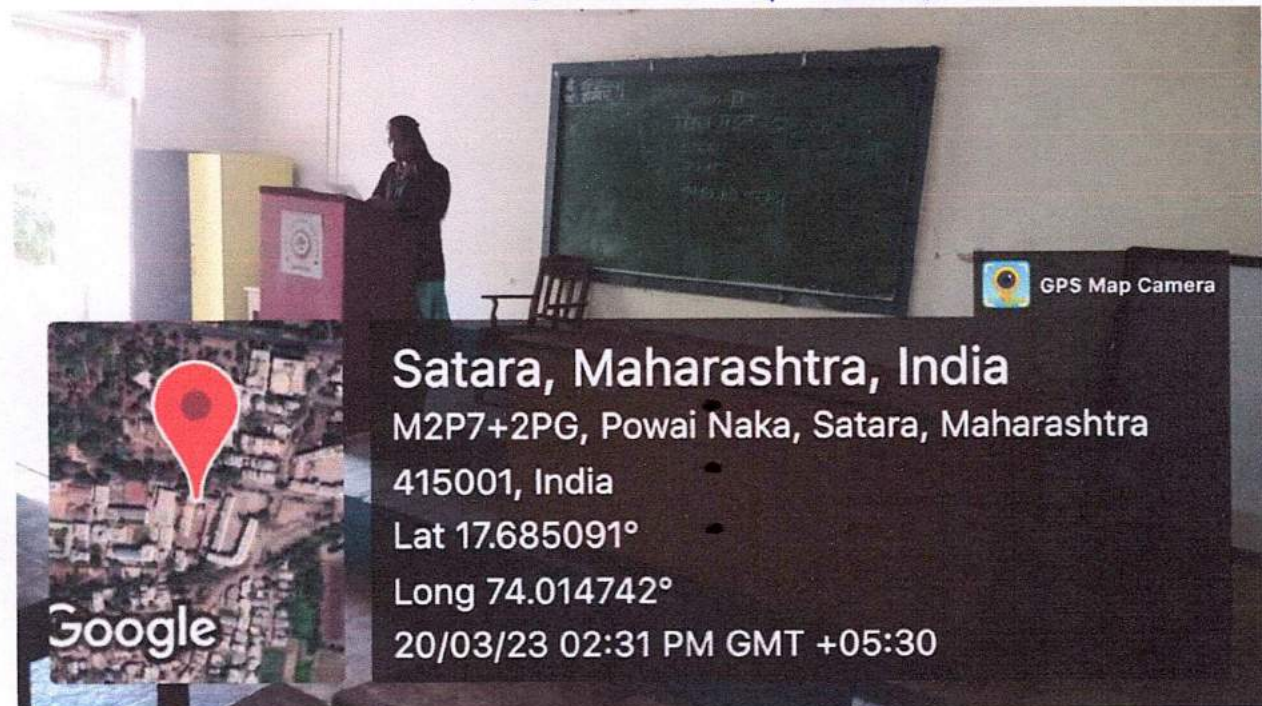
विज्ञान मंडळ उपक्रम

- 1) वैज्ञानिक सहाली - निमगी स्थळांना भेटी देणे.
- 2) विज्ञान जगा व विज्ञान प्रदर्शन भरविणे.
- 3) वैज्ञानिक साधी उपयुक्त उपकरणांची निर्मिती करणे.
- 4) विद्यार्थ्यांना वैज्ञानिक चित्रपट, शोथ, फिल्मस्किप दाखविणे.
- 5) वैज्ञानिक मॉडेल व वैज्ञानिकांच्या माहितीचे तक्ते तयार करणे.
- 6) वैज्ञानिक वस्तुसंग्रह करून प्रदर्शन भरविणे.
- 7) वैज्ञानिक दिन साजरे करणे.  
राष्ट्रीय विज्ञान दिन, राष्ट्रीय वस्तुसंग्रहादिन, राष्ट्रीय ओमान  
वचाव दिन
- 8) भाषण आयोजित करणे.
- 9) विज्ञान हस्तलिखित तयार करणे.
- 10) अर्थ: अर्थ निर्माण करणे कार्यक्रम आयोजित करणे.
- 11) व्याख्याने - विज्ञानाच्या विविध शाखा विषयांमधील तज्ञ व्यक्ती  
तसेच संशोधक, अभ्यासक आपण घेतलेल्या शोधांचा आढावा  
व्याख्यानांमधून करून देतात.
- 12) पाठ्यपारिक विज्ञान संकलन - विविधतेने नटलेल्या या देशात  
वैज्ञानिक साधनसंपत्ती विपुल आहे तिचा वापर करून जीवन  
सुखी बन समृद्ध ते निश्चिस्नेही पद्धतीने जगात याची अनेक तंत्रे  
आगी शास्त्र परंपरेने विकसित झाली आहेत.
- 13) पुस्तक प्रकाशन - नवीन संशोधन करणाऱ्यांची व्याख्येने आयोजित  
करणे, तसेच संशोधनावर आधारित पुस्तक प्रकाशित करण्याचे काम  
परिषद करे.
- 14) विज्ञान रेजम स्पर्धा - आपल्या सभोवार सगळीकडे विज्ञान  
पसरलेले आहे त्याकडे डोळे उघडे ठेऊन बघितले कि त्याची  
जाण पाहणाऱ्याला येते अशी दृष्टी लाभली म्हणून विज्ञान  
रेजम स्पर्धेचे आयोजन करण्यात येत.

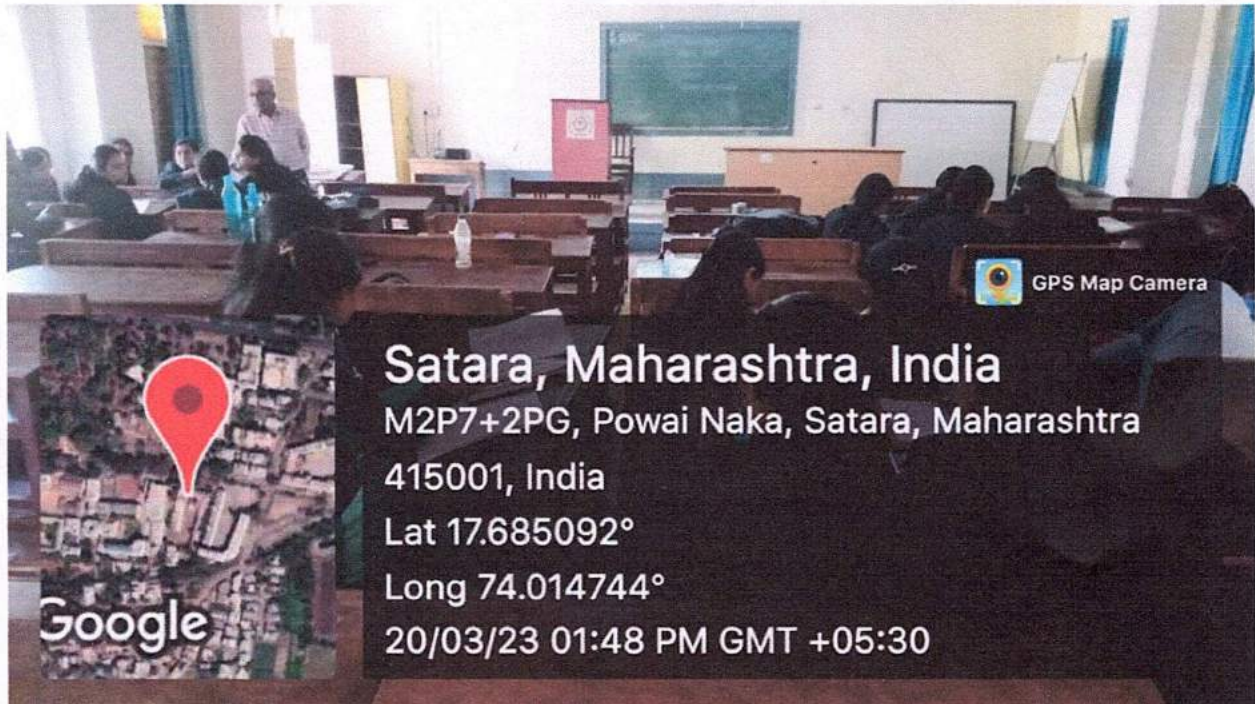
## Presentation of Group-2



## Presentation of Group-3



## Group Discussion



## Presentation of Group-1

