SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, (AUTONOMOUS),

SION (W), MUMBAI -400 022

NAAC SSR – CYCLE 4 : 2018-2023

Metric No. 5: 5.1.3:

Following capacity development and skills enhancement activities are organised for improving students' capability (1. Soft Skills, 2. Language and Communication Skills, 3. Life Skills, 4. Awareness of trends in technology)

Sr. No.	Activities on Awareness of Trends in technology	Page numbers
1.	Seminar on the role of community radio in rural development	01
2.	HACCP and FoSTaC training workshop	05
3.	Advanced Java Training by Anudip Foundations	08
4.	Training program on 8085 microprocessor	10
5.	Participation in Anutech Food Exhibition in Collaboration with CASMB	13
6.	Educational visit to BARC for an exhibition on Nuclear reactors and non-power DAE technologies	15
7.	Training program on C++ programming	17
8.	Liquid chromatography Mass Spectrometric applications	20
9.	3D Printing Techniques for Biomedical Applications	26
10.	Dr. Rajalakshmi Amudan Lecture Series and exhibition 2022-23	36
11.	Group theory and its applications	46
12.	Guest lecture on International migration from a source region perspective: A study Indian Emigrants	50
13.	Industrial visit to HPCL, Mumbai	56
14.	Educational visit to IMD, Colaba	61
15.	Industrial visit to Bombay Stock Exchange	65
16.	Workshop on Analytical techniques (HPLC, MS-GC, HPTLC, FTIR)	68
17.	IWSA-SIES Internship Program for TY undergraduates	70
18.	5 day workshop on Nuclear laboratory Course	77
19.	Raman effect and its application & Demonstration of instruments	79
20.	Field visit to RBI Monetary Museum	87
21.	Visit to Indian Meteorological Department	90
22.	Excursion to Srushti Farms Resort, Vasind	92
23.	Understanding urban governance	94
24.	Visit to National Stock Exchange	101
25.	Guest lecture on Anthroposophic Psychotherapy	105

26.	Seminar on Awareness about Intellectual Property rights	107
27.	Industrial visit to Samyog Foods Pvt Ltd	111
28.	Field visit to ACTREC	113
29.	Visit to Blood line Bank, Thane	116
30.	Excursion to Coastal and Marine Biodiversity Centre, Airoli, Navi Mumbai	121
31.	Hydroponics Workshop	123
32.	Excursion to Karnala Sanctuary and GoGreen nursery	125
33.	Excursion to Mahableshwar, Panchagani and Wai	129
34.	National webinar on Myco-Drug development and future prospects in fungal systematics	133
35.	Excursion to Palasdari	146
36.	Visit to Friends of the Trees - Vegetable, Fruit and Flower show at D.G. Ruparel College	150
37.	Visit to BMC flower show at Veer Mata Jijabai Bhosale Udhyan, Byculla	150
38.	Visit to Rani Baug, Byculla	153
39.	Workshop on Terrarium	156
40.	Concept based learning - A research based pedagogy tool to impart training and development skills in instrumentation and bioanalytical techniques	158
41.	Demonstration session of Electrophoretic separations using vertical electrophoretic apparatus	163
42.	One-day session and demonstration on maintenance and troubleshooting associated with HPTLC instrument model LINOMAT 5	165
43.	Workshop on demonstration of instruments in bioanalytical science laboratory	167
44.	Cryo-EM structure of the ancient eukaryotic ribosome from the human parasite *Giardia lamblia*	170
45.	Guest Lecture on Psychoanalysis	175
46.	Guest lecture on Wildlife through my lens	179
47.	Introduction to complex dynamics	180
48.	Visit to Chromatography Laboratory at SIES School of Packaging Technology	185
49.	Visit to Cheese Factory	188
50.	Visit to Lilavati Hospital, Bandra	191
51.	Visit to Oncopathology Centre, Wadala	195
52.	One-day visit to SIES School of Packaging Technology Centre, Nerul	207
53.	One-day visit to Vasantdada Sugar Institute	210
54.	Workshop on Aquascaping	214
55.	International Webinar - Celebration of World Fungus Day	217
56.	Guest Lecture of Zoroastrianism	224

This is to certify that the attached documents have been verified and found to be true.

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

College Seal

SIES College of Arts, Science and Commerce (Autonomous)

Sion (West)

Department of Mass Media

Report on Seminar

Date: 1st March 2023

Title: Seminar on the Role of Community Radio in Rural Development

A seminar conducted by the Department of Mass Media which was hosted by Ms. Rajeshwari V.

Objectives of the Event:

1. To raise awareness about community radio for promoting rural development.
2. To highlight successful community radio initiatives and share best practices for establishment and management.
3. To encourage collaboration with community radio stations for promoting development initiatives in rural communities.

Program:

Date	Topic	Beneficiaries
1st March 2023	Seminar on the Role of Community Radio in Rural Development	6

Methodology:

- The seminar commenced with an introductory session, which was followed by a comprehensive PowerPoint presentation on the topic.

- Additionally, a video was presented to enhance the understanding of the subject matter.
- As the seminar progressed, an interactive discussion was initiated with the students, who actively participated by providing their inputs and thoughts on the concepts explained.
- The session concluded with a discussion of Case Studies

Outcome:

The program helped the students to understand:

1. The seminar highlighted the importance of community radio and its role in promoting community development.
2. It also provided insights into the challenges faced by community radio and how they can be addressed.
3. This seminar encouraged students to explore the possibilities of community radio and support its growth in the future.

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<u>Annexures to the Report</u>

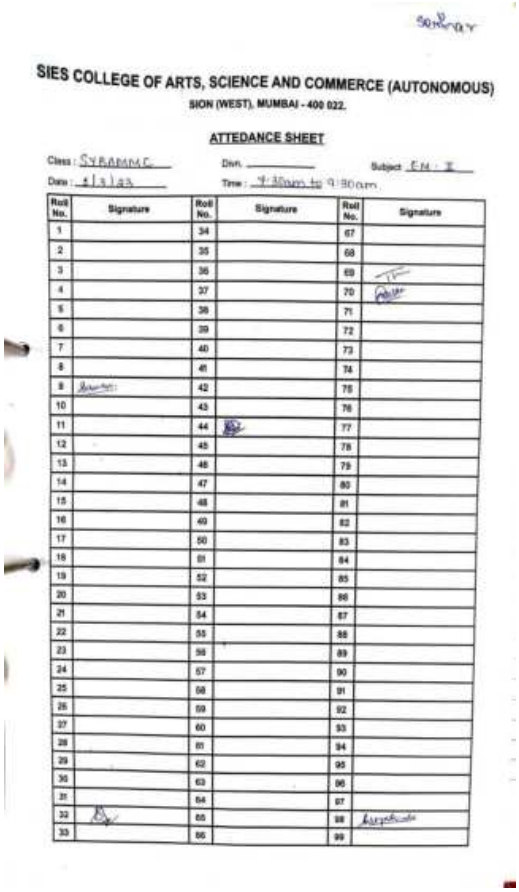
Annexure 1: Flyer

Annexure 2:

Discussion on Community radio by SYBAMMC students with Ms.Rajeshwari

Ms.Rajeshwari explaining the importance of Role of Radio in Community development to SYBAMMC Students

Annexure 3: Attendance



SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)
SION (WEST), MUMBAI - 400 022.

ATTEDANCE SHEET

Class : SYBAMMC Div. _____ Subject : EM - II
Date : 1/3/23 Time : 9:30am to 9:50am

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
1		34		67	
2		35		68	
3		36		69	
4		37		70	
5		38		71	
6		39		72	
7		40		73	
8		41		74	
9		42		75	
10		43		76	
11		44		77	
12		45		78	
13		46		79	
14		47		80	
15		48		81	
16		49		82	
17		50		83	
18		51		84	
19		52		85	
20		53		86	
21		54		87	
22		55		88	
23		56		89	
24		57		90	
25		58		91	
26		59		92	
27		60		93	
28		61		94	
29		62		95	
30		63		96	
31		64		97	
32		65		98	
33		66		99	

Annexure 4: Contact Information of Resource Person

Ms. Rajeshwari V
Mobile. No.: 8268393955
Email Id.: rajeshwariven03@gmail.com

Faculty-In-Charge
Rajeshwari V.
01/03/2023

Dr. Vaneeta Raney
Event Coordinator
01-03-2023
Course Coordinator
Department of Mass Media

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Biochemistry-Food Technology and Nutraceuticals Department

A. **Title of the Workshop/Activity:**HACCP and FoSTaC training workshop

B. **Background:**

HACCP stands for Hazard Analysis and Critical Control Point and acts as a base for any food safety measures required for Foos Safety management System. Food business operators are encouraged to implement HACCP guidelines to identify hazards and maintain food safety at all levels of manufacturing, packing, storage, transportation and distribution.

Food Safety Training and Certification is a large scale training and certification ecosystem for food businesses. Persons successfully trained and certified under FoSTaC will be termed as Food Safety Supervisors, which in turn train other food handlers in the food manufacturing or supply unit. It is made mandatory by the FSSAI for all food businesses with state or central license to have one food safety supervisor on the premise.

C. **Aims/Objectives:**

1. HACCP and FoSTaC training aimed to inculcate the culture of food safety and compliance to food safety and standards
2. Objective of HACCP workshop was to train participants in understanding and implementing the principles, processes and techniques of Hazard Analysis and Critical Control point (HACCP)
3. FoSTaC programme was aimed at creating skilled safety supervisors who are trained in good hygiene and manufacturing practices as per FSSAI Standards and regulations.
4. The workshop aimed to enable students to take up the role of Food Safety Managers/Supervisors at food businesses and manufacturing units.

D. **Location:** Mini auditorium, ground floor, SIES College of Arts, Science and Commerce (Autonomous), Sion West.

E. **Target audience/participants:** 16 + 02 Teachers

F. **Date of the activity:** 24th and 25th March 2023

G. **Name of Resource Persons:** Mr Sanjay Indani, Food Safety Auditor and Consultant, SafeFoodz Pvt. Ltd.

H. Outcome/Feedback:

1. Students got insights of the principles, processes and techniques of HACCP for its implementation in a food manufacturing unit.
2. Students got an understanding of the good hygiene and manufacturing practices as per schedule 4 of FSSAI regulations, 2011.
3. Students appeared for an online exam conducted by FSSAI and successful students were certified by FSSAI as food safety officers. Certification valid for two years.

I. Funding if any: nil

J. Annexures:

i. List of Participants

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Kothekar 27/03/23

Dr Deepali Kothekar
Biochemistry- Food Technology and Nutraceuticals
Head- Department of Biochemistry
Co-ordinator- Food Technology and Nutraceuticals

Head Dept. of Biochemistry
SIES COLLEGE OF ARTS, SCIENCE &
COMMERCE, Sion (West), Mumbai-400022.

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

S.I.E.S. COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)

Department of Biochemistry – Food Technology & Nutraceuticals

24th & 25th March 2023 Attendance for HACCP & Fostac Workshop

1. Abir Sakhakar
2. Aditya Shetty
3. Alokkumar Jaiswar
4. Anshika Gupta
5. Bushra Sayed
6. Deepali Shinde
7. Dinesh Nadar
8. Jatin Karkera
9. Mahvish Ghori
10. Meena Ingawale
11. Paul Pinto
12. Prathmesh Satnam
13. Rahul Sarkar
14. Shruthika Karnam
15. Shruti Babar
16. Varsha Shetty

Kothekar 27/03/23

Dr. Deepali Kothekar
Head-Department of Biochemistry
Co-Ordinator Food Technology & Nutraceuticals

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department

A. **Title of the Workshop/Activity:** Advanced Java Training by Anudip Foundations
B. **Background:** Skill Development course
C. **Aims/Objectives:**To make the students industry ready
D. **Location:** Computer Science Lab
E. **Target audience/participants with expected number:** TYBSc CS -15 students
F. **Date of the activity:** 20-01-2022
G. **Name of Resource Persons:** Experts from Anudip Foundations
H. **Outcome/Feedback:** Students had hands on training on Java Full Stack Programming which would be beneficial for Placements.
I. **Funding if any: (Mention the name of the funding agency and amount received):** Nil
J. **Annexures:**
   i. List of Participants

Report Prepared by:

Signature: **Signature of HOD**

Name: Maya Nair

Department: Computer Science

Designation: Assistant Professor

List of Students who have undergone Anudip Foundation Training programme

Sr. No	Student Name	Contact	Email ID
1	Bairi Nikita	9833728116	bairinikita2002@gmail.com
2	Manisha Roshini Neethi Koil Pillai	9321764426	manisharoshini10@gmail.com
3	Geetha Nadar	9653477725	geethanadar21@gmail.com
4	Samprabhu nadar	9820742379	samprabhu761@gmail.com
5	Archita Surendra Mhatre	9930097987	archim28@gmail.com
6	Prathamesh Babu Devkate	9820739749	pradev2002@gmail.com
7	Sheetal Ambre	91 9137192919	asheetal002@gmail.com
8	MUTHUSELVAN MURUGAN NADAR	7021141967	selvanrajput2002@gmail.com
9	Surya Suresh	8369122327	sureshsukumaran99@gmail.com
10	Apurva Kishor Gawde	9326134671	apurvagawde7894@gmail.com
11	Nadar Jilbin Sam	9076347110	samsudar200@gmail.com
12	Chirag Kumar Bhatia	8655712398	chiragbhatia2002@yahoo.com
13	Devika Suresh Nair	7738454224	devikanair1202@gmail.com
14	Shreedhar Varthesha Poojari	9326749255	shreedharvpoojari1@gmail.com
15	Surya Muthupandi Thevar	9326188108	suriyathevar5512@gmail.com

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS) Sion (west), Mumbai-400022.

Physics department Activities 2022-23

Activity-5: department of physics, Training Programme - 2023, 14/12/2022 to 15/12/2022

Title: Training Programme *on "8085 Microprocessor".*

Background:
TYBSc Physics students.

Objectives :
This course is designed to provide as follows :
1. Understand the architecture, features and basic instructions of 8085
2. Learning 8085 microprocessor programming.

The main aim in conducting this programme was to enhance logical thinking and programming skills.

Location: SIES College Physics Laboratory.

Target Audience /Participants with expected number:
32 TYBSc.- Physics Students

Date of the activity: 14/12/2022 to 15/12/2022

Name of Resource Persons: -Ms. Naziya Sultana

Outcome/Feedback: -

Funding if any : -

Annexures :

i. List of Participants

Training Program -

Attendance for the Month of _____

Class & Div. _____

Roll No.	NAME	Date	C++ 14.11.	15.11.22	E.I-① 16/11/22	17/11/22	19-11-22		µP Training 14.12.22	15.12.22
		Time	7.20	7:20 AM	7:20 AM	7:20 AM	7.10 AM		7.20	7.20
1			P		P		P		P	
2			P		P		P		P	
3			P		P		P		P	
4			P		P		P		P	
5			P		P		P		PJ	
6			P		P		P		P	
7			P		P		P		P	
8			P		P		P		P	
9			A		A		P		P	
10			P		P		P		P	
11			P		P		P		P	
12			P		P		P		P	
13			P		P		P		P	
14			P		P		P		P	
15			P		P		P		P	
16			P		P		P		PJ	
17			P		P		PL		P	
18			P		P		P		A	
19				P		P	P		P	P
20				P		P	P			A
21				P		PL	P			P
22				P		P			P	P
23				P		P	P			P
24				P		P				P
25				P		P	P			P
26				P		A				PJ
27						A				
28						A	P			P
29				P		A	P		P	PJ
30				P		PL	P			P
31				P		P	P			
32				P		P	P			P
33				P		P	P			P
109				P		P	P			P
110				P		P	P			P
111						A				

Half Batch

Half Batch

ii. Photographs (Geotagged) -

Report Prepared by :Ms. Naziya Sultana

Signature :

Signature of HOD

Name: Ms. Naziya Sultana

Department: Physics

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Biochemistry – Food Technology & Nutraceuticals

A. **Title of the Workshop/Activity:** Participation in Anutech Food Exhibition in Collaboration with CASMB

B. **Background:** Anutech Annapurna Food Exhibition is platform in India for food and drink suppliers in industry. This provides opportunity to witness latest technologies, exchange ideas which helps in driving food and drink industry.

C. **Aims/Objectives:**

1. Educate students on cutting-edge food processing technology.
2. Interaction with different food entrepreneurs and industrialists.

D. **Location:** Bombay Exhibition Centre, Goregaon, Mumbai.

E. **Target audience/participants with expected number:** 16 Students; 3 Teachers

F. **Date of the activity:** 14th & 15th September 2022

G. **Outcome/Feedback:** Students could learn about a variety of cutting-edge packaging and food technologies. For internships, students entered start-up companies. Academics and industry interaction. Students attended a talk session hosted by Quality Control of India.

H. **Annexures:**

i. **List of Participants**

ii. **Photographs**

Report Prepared by: Ms. Kanika Gangapuram

Signature: 16/09/2022

16/09/22

Signature of HOD

Department:

Biochemistry

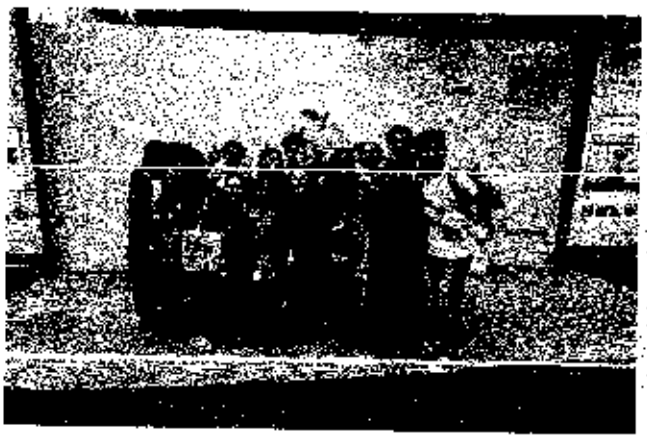
SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Annexures:

List of Participants

1. Shinde Deepali	9.Karkera Jatin
2. Shetty Aditya	10. Sarkar Rahul
3. Ingawale Meena	11. Jaiswar Alokkumar
4. Pinto Paul	12. Karnam Shruthika
5. Satam Prathamesh	13. Shetty Varsha
6. Babar Shruti	14. Sakharkar Abir
7. Nadar Dinesh	15. Sayed Bushra
8. Ghori Mahvish	16. Munde Siddhi 17. Gupta Anshika

Photographs



Students and Teachers at one of the stalls at Anutech Food Exhibition, Bombay Exhibition Centre, Mumbai on 14th & 15th September 2022

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE
(AUTONOMOUS)
Sion (west), Mumbai-400022.

Physics department Activities 2022-23

Activity-1: department of physics, Educational Visit - 27-08-2022

Title: Educational Visit to BARC for an exhibition on "Nuclear Reactors and Non-Power DAE Technologies".

Background:
SYBSc Physics students, as a part of curricular activity.

Aims/Objectives :
The exhibition showcases the prowess of DAE in nuclear science and technology. It covers the complete gamut of nuclear fuel cycle from front end (covering various aspects and stages involved in fuel fabrication for nuclear reactors) to the back end (re-processing of the spent fuel and waste management) and nuclear reactor technology (including different types of nuclear reactor designs), current and future. This exhibition emphasizes the necessity of nuclear energy in combating global warming. In addition, the exhibition also includes non-power DAE technologies employed for various societal benefits, such as application of radio-isotopes and accelerators in agriculture, medicine and industry, and use of neutron and gamma radiations in basic research.

Location: BARC.

Target audience /participants with expected number: 20

Date of the activity: 27/08/2022

Name of Resource Persons: conducted in BARC

Outcome/Feedback: -

Funding if any : -

Annexures :

i. List of Participants : -

ii. Photographs (Geotagged) -

Report Prepared by : Dr. Vishal Dev

Signature :

Signature of HOD

Name: Dr. Vishal Dev
Department: Physics
Designation: Assistant Professor

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS) Sion (west), Mumbai-400022.

Physics department Activities 2022-23

Activity-3: department of physics, Training Programme - 2023, 14/11/2022 to 15/11/2022

Title: Training Programme *on "C++ programming"*

Background:

TYBSc Physics students have a limited approach towards the computer programming languages. They need skill development programmes.

Aims/Objectives :
This course is designed to provide as follows :
1. Basic knowledge of OOPs Programming.
2. Learning C++ programming.

Location: SIES College IT Laboratory.

Target Audience /Participants with expected number:
32 TYBSc.- Physics Students

Date of the activity: 14/11/2022 to 15/11/2022

Name of Resource Persons: - Mr. Maheshwar Falake

Outcome/Feedback: -

Funding if any : -

Annexures :

i. List of Participants

Training Program -

Attendance for the Month of _____

Class & Div. _____

Roll No.	NAME	Date	14.11.	15.11.22	10/11/22	9/11/22	11-11-22	14.12.22	15.12.22
			C++		R.I (1) EI (2)			LLP Training	
		Time	7.20	7:20 AM	7:30 AM	7:30 AM	7.00 AM	7.20	7.20
1			P		P		P	P	
2			P		P		P	P	
3			P		P		P	P	
4			P		P		P	P	
5			P		P		P	P	
6			P		P		P	P	
7			P		P		P	P	
8			P		P		P	P	
9			A		A		P	P	
10			P		P		P	P	
11			P		P		P	P	
12			P		P		P	P	
13			P		P		P	P	
14			P		P		P	P	
15			P		P		P	P	
16			P		P		P	P	
17			P		P		PL	P	
18			P		P		P	A	
19				P		P	P	P	P
20				P		P	P		A
21				P		PL	P		P
22				P		P		P	P
23				P		P	P		P
24				P		P			P
25				P		P	P		P
26				P		A			P
27						A			
28						A	P		P
29				P		A	P	P	P
30				P		PL	P		P
31				P		P	P		
32				P		P	P		P
33				P		P	P		P
109				P		P	P		P
110				P		P	P		P
111						A			

Half Batch

Half Batch

Half Batch

ii. Photographs (Geotagged) -

Report Prepared by : Mr. Maheshwar Falake

Signature :

Signature of HOD

Name: Mr. Maheshwar Falake

Department: Physics

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),

SION WEST, MUMBAI - 400 022

DEPARTMENT OF BIOTECHNOLOGY

A. Title of the Seminar/Workshop/Conferences: Liquid chromatography Mass Spectrometric applications.

B. Background: The speaker is Director – Application support, India. Sciex, a division of DHR holding India Pvt Ltd.

C. Aims/Objectives: The lecture was intended to acquaint the audience with details of **Liquid chromatography Mass Spectrometric applications**. The software, equipment required, overall principle and a brief protocol of the same was explained.

D. Location: Mini-auditorium, Ground floor

E. Target audience/participants with expected number: BSc and MSc students, Research scholars and faculty.

F. Details of Sessions: The speaker explained the principle of a quadrupole, Advantages and applications of LC-MS analysis. APCI theory, SCAN and SIM mode, Q1 Scan or Q3 Scan.

G. Session and names of Resource Persons: Session on Liquid chromatography Mass Spectrometric applications by Dr. Manoj Pillai.

H. Expected outcome: The feedback of participants stated that they found the session to be very helpful and informative.

Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Date: 16/02/2023

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

Annexure 1:

Details of Resource person:

Dr. Manoj G Pillai - PhD. Director – Application support, India. Sciex. A Division of DHR holding India Pvt Ltd.

Annexure 2: Attendance

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)

SION (WEST)

DEPARTMENT OF BIOTECHNOLOGY

ATTENDANCE SHEET

TITLE: Liquid chromatography Mass Spectrometric applications.

VENUE: Mini-auditorium

DATE: 17/02/23 TIME: 10.30 am

SPEAKER: Manoj G Pillai.

ORGANISED BY: Dept. of Biotechnology.

Sr. No.	Roll No.	College Name/Department	Name	Signature
1	SBT2223020	SYBT	Devika Rajeevan	[illegible]
2	SBT2223007	SYBT	Gorika P.P. [illegible]	[illegible]
3	SBT2223034	SYBT	[illegible]	[illegible]
4	SBT2223030	SYBT	Mishitha Samishwan	[illegible]
5	SBT2223008	SYBT	Smeya Bargana	[illegible]
6	SBT2223024	SYBT	Sharon Santhosamani	[illegible]
7	SBT2223015	SYBT	Esha Anand	[illegible]
8	SBT2223031	SYBT	Anya Sonawane	[illegible]
9	SBT2223002	SYBT	Durga Adelkar	[illegible]
10	SBT2223005	SYBT	Hrithik Rai	[illegible]
11	SBT2223006	SYBT	Aneesh Garud	[illegible]
12	SBT2223019	SYBT	Swarnava Palit	[illegible]
13	SBT2223021	SYBT	Rohit Ram	Rohit
14	SBT2223001	SYBT	Ashish Acharya	Ashish
15	SBT2223023	SYBT	Aaliya Shaikh	[illegible]
16	SBT2223010	SYBT	Nayan Kasturi	[illegible]
17	SBT2223017	SYBT	Rakshanda M	[illegible]
18	SBT2223009	SYBT	Ranupriya	[illegible]
19	SBT2223016	SYBT	Sibiarechal	[illegible]

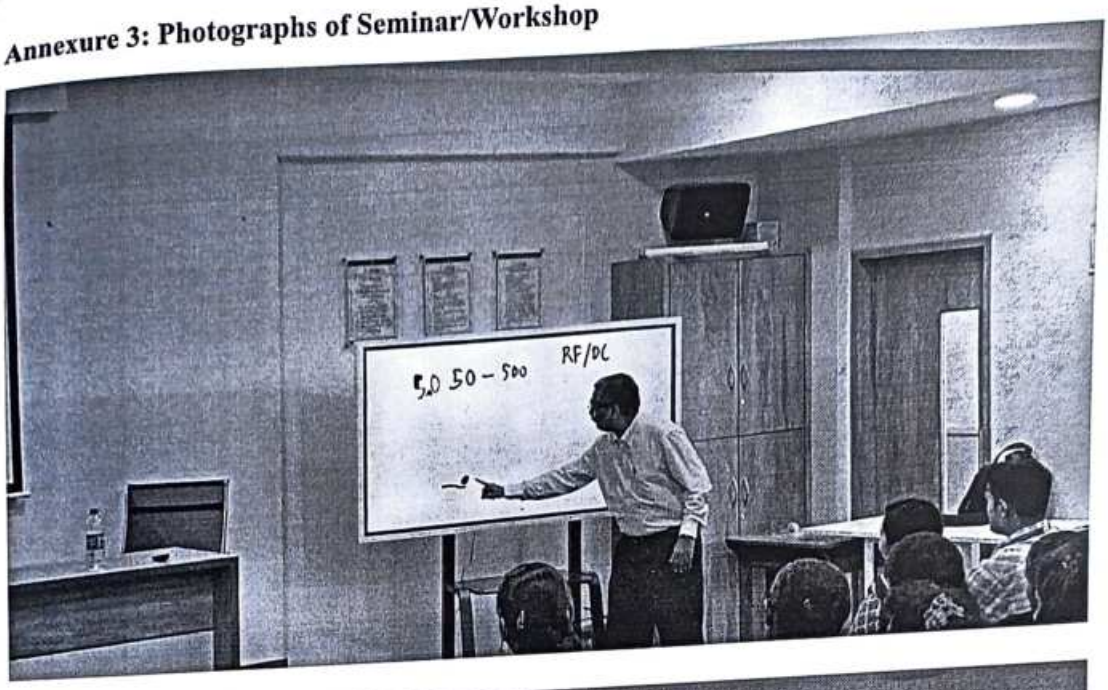
Sr. No	Roll No.	College Name / Dept	Name	Signature
20	SBT2223027	[illegible] . SYBT	Shreshta . Srinivasan	[illegible]
21	SBT2223032	SYBT	Suraj . M	[illegible]
22	TYBT2223002	TYBT	Amisha . Kadke	[illegible]
23	TBT2223006	TYBT	Anandita Ghorpade.	[illegible]
24	TBT2223019	TYBT	Krishna Policetti	[illegible]
25	TBT2223012	TYBT	Yusra Khan	[illegible]
26	PGDFTN2223013	BIOCHEMISTRY	Abir Sabhankar	[illegible]
27	PGDFTN2223020	Biochemistry	Deepali shinde	[illegible]
28	PGDFTN2223005	Biochemistry	Meena Ingawale	[illegible]
29.	SBT2223011	SY . BT	Mabitha Mani	[illegible]
30	SBT2223027	SYBT	Srushti . Sagare	[illegible]
31	SBT2223019	SYBT.	Shyuta Rai	[illegible]
33	TBT2223002	TYBT	Manisha Saroj	[illegible]
34	TBT2223023	TYBT	Sanaa Sayed	[illegible]
35	TBT2223026	TYBT	Diksha Ushakola	[illegible]
36	TBT2223003	TYBT	RAHIL ANSARI	[illegible]
37	TBT2223018	TYBT	ABHISHEK ELANGO	[illegible]
38	TBT2223030	TYBT	Divya Zope	DNope
39	TBT2223020	TYBT	Tisha . Puthran	Tisha
40	TBT2223007	TYBT	Gauri . Jage	G Jage
41	TBT2223027	TYBT	Vaidehi Singh	[illegible]
42	TBT2223013	TYBT	Poojitha . Kurup	[illegible]
43	TBT2223014	TY.BT	Manan Patel	[illegible]
44	PGDFTN2223019	Biochemistry	Varsha Shetty	[illegible]
45	PGDFTN2223006	Biochemistry	Shruti Bahar	[illegible]
46	PGDFTN2223018	Biochemistry	Aditya Shetty	[illegible]
47	TBT2223008	Biotechnology	Roja Jain	[illegible]
48	TBT2223009	Biotechnology	Neha Gaurav	[illegible]
49	TBT2223015	TYBT	Manika Sawant	[illegible]
50	TBT2223021	TYBT	Aditi Rao	[illegible]

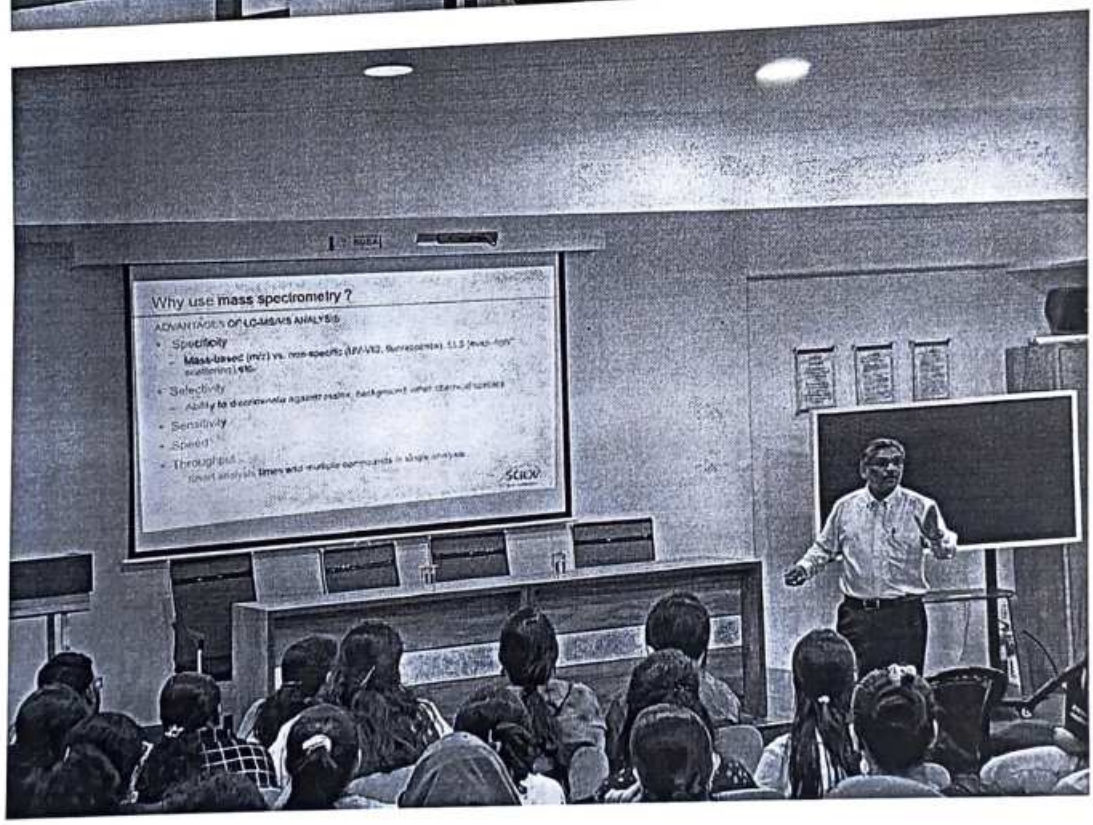
REDMI NOTE 8 PRO
AI QUAD CAMERA

Sr.No.	Roll No.	College Name / Dept	Name	Signature
51	FMBT2223025	SIES / MSc-I	Bishikesh Kasar	[signature]
52	FMBT2223005	SIES/MSc-I	Ali Ahmed	[signature]
53	FMBT2223017	SIES/MSc.-I	Yash Sawant	[signature]
54	FMBT2223001	SIES/MSc.-I	Aditi Borkar	[signature]
55	FMBT2223009	SIES/MSc-I(BT)	Meenakshi Nair	[signature]
56	FMBT2223007	SIES/MSc-I(BT)	Siddharth Mudliyar	[signature]
57	TYBT2223001	SIES/TYBT	Alex Jose	[signature]
58	TBT2223009	SIES/TY-BT	Joanna Charis	[signature]
59	TBT2223025	SIES/TY-BT	Mahwash Fatima	[signature]
60	TBT2223028	SIES/TYBT	Vaishnavi Mahalingam	[signature]
61	SBT2223013	SIES/SYBT	Medha Iyer	[signature]
62	SBT2223012	SIES/SYBT	Koushika Mahendra	[signature]
63	SBT2223014	SIES/SYBT	Mohammad Hiba Rafi	[signature]
64	TYBT2223017	SIES/TYBT	Shruti Parmar	[signature]
65	TYBT2223016	SIES/TYBT	Bhavi Mehta	[signature]
66	FMBT2223004 MSc BT(Part I)	SIES/MSc-BT(I)	Jasmine Kukreja	[signature]
67	FMBT2223002	SIES/MSc BT(I)	Tejal Dhumal	[signature]
68	FMBT2223024	SIES/MSCBT(I)	Shruthika Kadam	[signature]
69	TBT2223024	SIES/BTYBT	Lahari Sirpuram	[signature]
70	TBT2223029	SIES/TYBT	Sriverkadesh Sankar	[signature]
71	FMBT2223014	SIES/MSCBT(I)	Sanuja Shaikh	[signature]
72	FMBT2223011	SIES/MSC-BT(I)	Vaishnavi Rao	[signature]
73	FMBT2223013	SIES/MSCBT(I)	Riya Mariam Shibu	[signature]
74	FMBT2223022	SIES/MSC-I BT	K. Fathima Rinsha	[signature]
75	FMBT2223006	SIES/MSC-I BT	Nikita Mishra	[signature]
76	FMBT2223020	SIES/MSC-IBT	Desvree Fernandes	[signature]
77	TBT2223005	SIES/BTYBSc	Daksh Gharat	[signature]
78	SBT2223026	SIES/SYBScBT	Saakshi Shetty	[signature]
79	SBT2223025	SIES/SYBScBT	Jinal Shetty	[signature]
80	SBT2223010	SIES/SYBScBT	Sanskruti Kokate	[signature]
81	SBT2223004	SIES/SYBScBT	Hiral Chandaria	[signature]
82	FMBT2223002	SIES/MSc BT-I	Sanka Rai	[signature]
83	FMBT2223005	SIES/MSc BT-I	Tamanna Mandal	[signature]
84	FMBT2223003	SIES/MSc BT-I	Tejshila Murugan	[signature]
85	SBT2223027	SIES/SYBT	Sasha Shetty	[signature]
86	SBT2223005	SIES/SYBT	Cyrus D'souza	[signature]

REDMI NOTE 9 PRO

Annexure 3: Photographs of Seminar/Workshop





Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Date : 16/02/23

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

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Sion (West), Mumbai - 400 022.

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NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), SION WEST, MUMBAI - 400 022

DEPARTMENT OF BIOTECHNOLOGY

A. Title of the Seminar/Workshop/Conferences:
3D Printing Techniques for Biomedical Applications

B. Background:
Due to continued innovation, 3D printing has been pushed into new realms and has proven how far the technology has come since its invention. From dental products to prosthetics and tissue engineering, 3D printing is also helping address some of today's biomedical challenges. Bioprinting is an emerging technology for modelling artificial tissue and organ constructs. Extensive research is being conducted in bioprinting and its potential as a future source for organ transplants, toxicology testing, metabolic testing, and drug-drug interactions.

C. Aims/Objectives:
The lecture intended to acquaint the audience with details of 3D bioprinting technology, its associated techniques, and a gist of different biomedical applications of 3D printing and laser lithography.

D. Location:
Mini-auditorium, Ground Floor

E. Target audience/participants with expected number:
138 Under-graduate & Postgraduate students

F. Details of Sessions:
The session was held on 19th September, 2022 from 10.00 am to 11.00 am.

G. Session and names of Resource Persons:
Dr. Prakriti Tayalia, Associate Professor, Department of Biosciences & Bioengineering, Indian Institute of Technology – Bombay, Powai, Mumbai - 400076, India

H. Expected outcome:

The feedback of participants stated that they found the session to be very helpful and informative.

Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Date: 26.09.2023

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

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Sion (West), Mumbai - 400 022.

Annexure 1:

Details of Resource person:

Prof. Prakriti Tayalia is currently an Associate Professor in the Department of Biosciences & Bioengineering at Indian Institute of Technology Bombay. She is the Principal Investigator of the Cell and Tissue engineering Lab and has more than 15 years of interdisciplinary experience working in the field of biomaterials and immunology with applications in tissue engineering, immunotherapy and drug delivery. Her work focuses on utilizing engineering tools, state of the art fabrication and characterization techniques and biological assays to develop physiologically relevant material systems that would support multicellular culture in a more controlled fashion. Her group is also involved in developing material platforms to recruit and program cells for applications involving activation of the immune system and prevention of tumour growth. Her expertise and interdisciplinary experience in developing biomaterials for various applications is the strength of the team. Prof. Tayalia has several awards, patents and many publications in international journals of repute to her credit.

Annexure 2: Attendance Record

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)

SION (WEST)

DEPARTMENT OF BIOTECHNOLOGY

ATTENDANCE SHEET

TITLE: 3D Printing Techniques for biomedical applications.

DATE: 19th Sept 2022.

TIME: 10 am.

VENUE: Auditorium, Ground floor, SIES College of Arts, Commerce & Science

SPEAKER: Dr. Prakriti Tayalia.

ORGANISED BY: Indian Women Scientists' Association. (IWSA).

Sr. No.	Roll No.	College/Department Name	Name	Signature
1)	SBT2227020	SIES / Biotechnology	Devika Rajeevan	
2)	SBT2223007	SIES / Biotechnology	Gopika P P Bijumon	
3)	SBT2223031	SIES / Biotechnology	Anya Sonawane	
4)	SBT2223011	SIES / BIOTECHNOLOGY	Mahitha Mani	
5)	SBT2223022	SIES / Biotechnology	Srushti · Sagare	SVSagare
6)	SBT2223029	SIES / Biotechnology	Shreshta Srinivasan	
7)	SBT2223027	SIES / Biotechnology	Rakshanda Naidu	
8)	SBT2223027	SIES / Biotechnology	Sasha Shetty	Shetty
9.)	SBT2223030	SIES / Biotechnology	Akshitha Someshwar	Akshitha
10)	SBT2223003	SIES / Biotechnology	Shreya Bangera	
11)	SBT2223024	SIES / Biotechnology	Sharon Santhosamma	
12)	SBT2223012	SIES / Biotechnology	Koushika Mahendar	
13)	SBT2223034	SIES / Biotechnology	Komal Yellaram	
14)	FBT2223008	SIES / Biotechnology	Sumaiya · Chiktay	Chiktay
15)	TBT2223006	SIES / BIOTECH	ANANDITA GHORPADE	
16)	TBT2223024	SIES / BIOTECH	LAHARI SIRPURAM	
17)	SBT2223021	SIES / BIOTECH	Rohit Ram	Rohit
18)	SBT2223010	SIES / BIOTECH	Sanskruti Kokate	Kokate

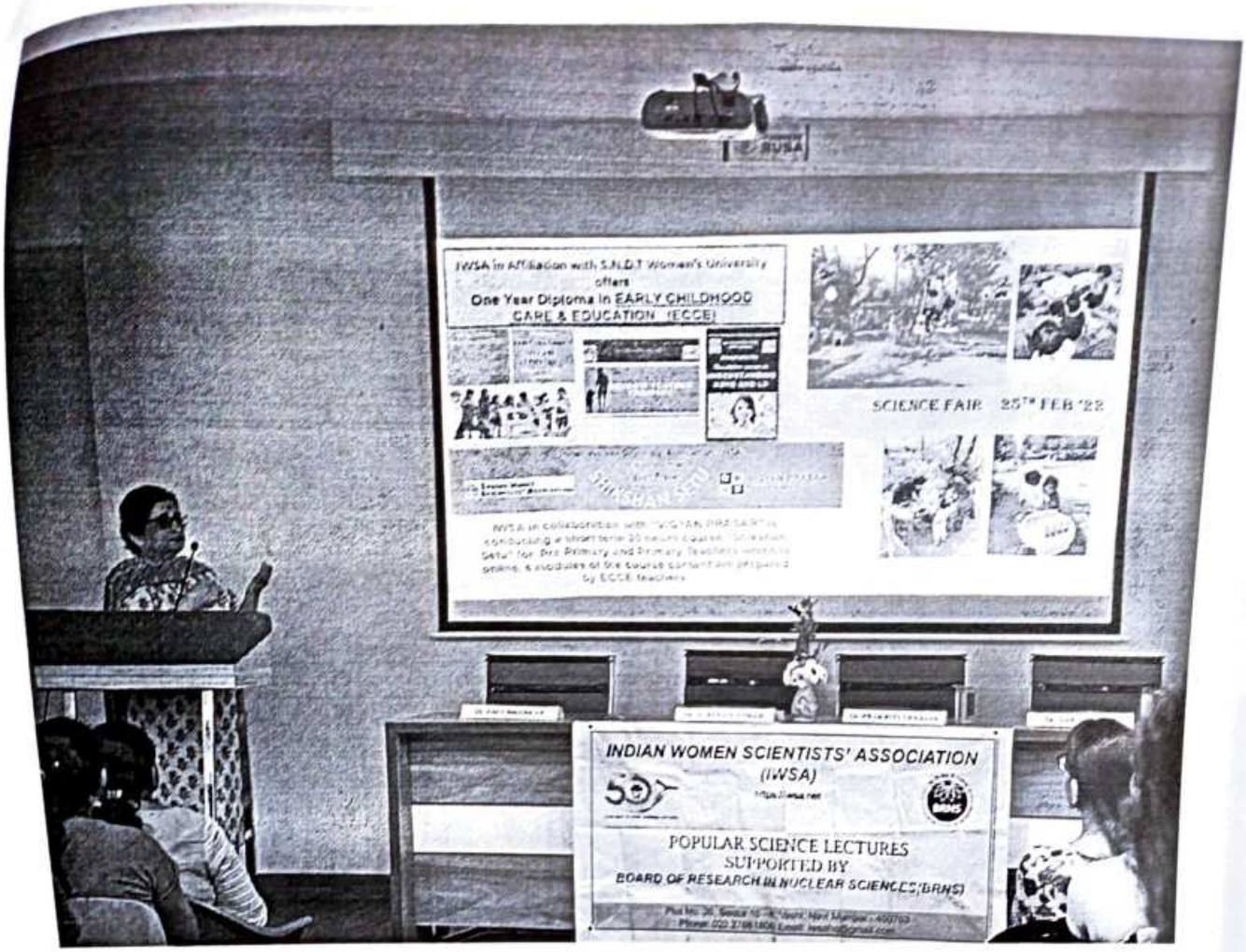
19	SBT2223020	SIES / BIOTECH	Jinal Bhithia	[signature]
20	SBT2223005	SIES / BT	Cyrus D'Souza	[signature]
21	SBT2223008	SIES / BT	Hrithiki Rai	[signature]
22	187	GN Khalsa / BT MSc-I	Salani Akhadkar	[signature]
23	164	GN Khalsa / BT MSc-I	Madhura Bhoir	[signature]
24	162	GN Khalsa / BT MSc-I	[illegible]	[signature]
25	166	GN Khalsa / BT MSc-I	Nikita Dhuri	Nikita
26	176	GN Khalsa / BT MSC-I	Kadambari P Parab	[signature]
27	163	GN Khalsa / BT MSC-I	Tejaswini P. Bansode	[signature]
28	SBT2223016	SIES / BIOTECH	Sibiarechal Nadar	[signature]
29	SBT2223032	SIES / BT	Suraj	[signature]
30	190	GN Khalsa / MSC BT-I	Anu Dhanmesh Kardam	[signature]
40		GN Khalsa / MSC BT-I	Swarangi Gawankar	[signature]
41		GN Khalsa / MSC BT-I	Komal Rai	[signature]
42		GN Khalsa / MSC BT-I	Avni Gori	[signature]
43		GN Khalsa / Msc-BT-I	Umme Kulsum Khan	[signature]
44		GN Khalsa / MSC BT-I	Vaishnavi Vijay Katkar	V.V. Katkar
45		GN Khalsa / MSC BT-I	Snehalata Gupta	[signature]
46		GN Khalsa / MSC BT-I	Hrutuja Pawar	[signature]
47		G.N. Khalsa / —"—	Virag Gada	[signature]
48		G.N. Khalsa MSC BT-I	Manpreet Kaur	[signature]
49		G.N. Khalsa MSC BT-I	Jisal Padher	[signature]
50		G.N. Khalsa MSC BT-I	Achal Patil	[signature]
51		G.N. Khalsa MSC BT-I	Krutika Satam	[signature]
52		G.N Khalsa MSC BT-I	Muskan Singh	[signature]
53		G.N Khalsa MSC BT-I	Aakanksha Awad	[signature]
54		G.N Khalsa / MSC BT-I	Sukhwinder Kaur	[signature]
56		G.N Khalsa / MSC BT-I	Jweriya Sayyed	[signature]
57		GN Khalsa / MSC BT-I	Sejal Tambe	[signature]
58		G.N Khalsa / MSC BT-I	Sakshi Jadhav	[signature]

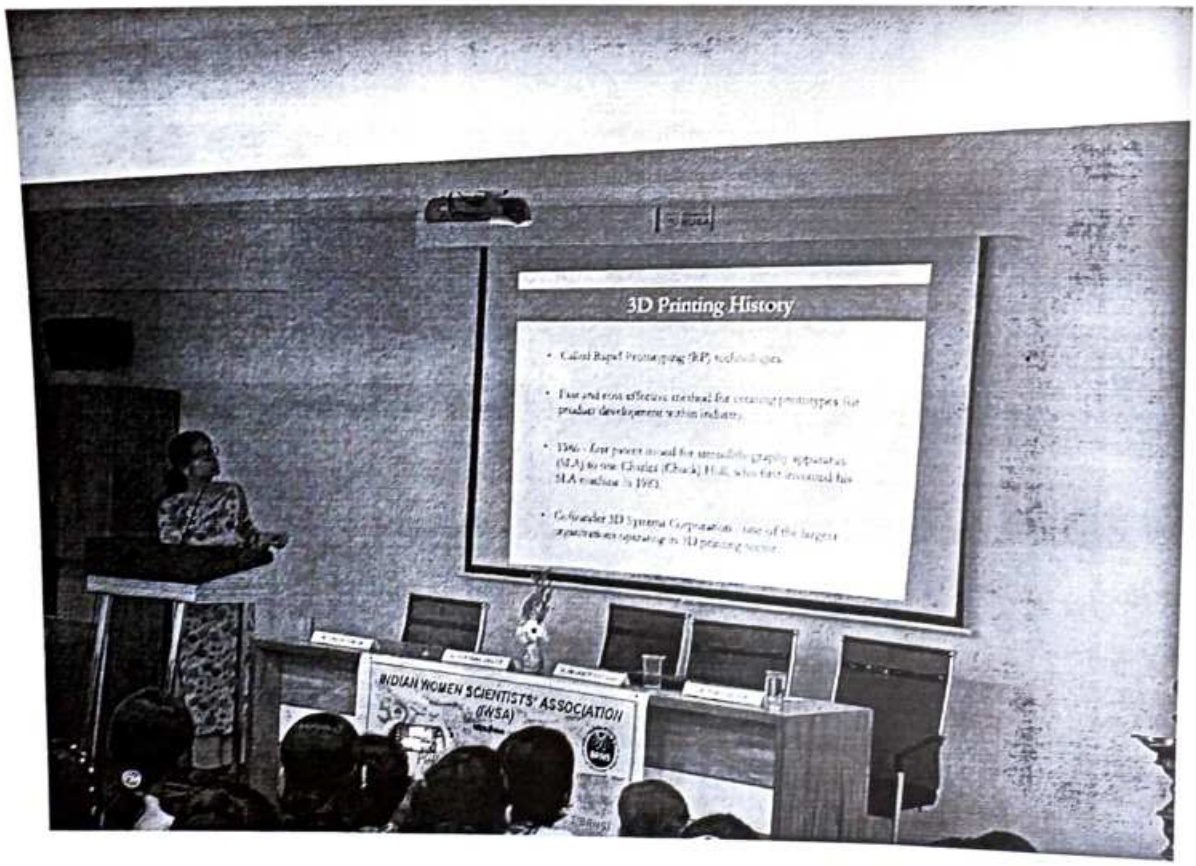
59		G.N.Khalsa / MSc BT - I	Rushikesh Yende	
60		G.N. Khalsa / MSc BT - I	Rahul . Patel	
61		G.N. Khalsa MSC BT I	Arvind Gond	
62		G.N. Khalsa / MSC BT I	Debashish Mukherjee	
63		G.N. Khalsa MSC BT I	Vedant chapade	
64		G.N Khalsa / MSc BT I	Vaishnavi Patil	
65		G.N. Khalsa / MSc BT. I	Rahul Baditya	
66		G.N. Khalsa / MSc BT - I	Mitali Shinde	
67		G.N. Khalsa / MSC BT - I	Rutuja Shinde.	
68	FMBT212 2013	SIES college / MSc Part II	Niharika Rahate	
69	FMBT212 2003	SIES college / MSc Part II	Zoha Mulikar	
70		CHM college MSc Part I	Shweta Gaikwad	
71		SIES	Rishikesh Kaku	
72	TBT 2223002	SIES / Biotech	Anisha Bodke	
73	TBT 2223022	SIES / Biotechnology	Manisha Sanj	
74	TBT 2223028	SIES / Biotechnology	Vaishnavi Mahalingam	
75	TBT 2223025	SIES / Biotechnology	Mahwash Fatima Syed	
76	TBT 2223017	SIES / Biotechnology	Shruti Parmar	
78	TBT 2223016	SIES / Biotechnology	Bhavi Mashru	
79	TBT 2223014	SIES / Biotechnology	Manan Patel	
80	TBT 2223013	SIES / Biotechnology	Poojitha Kurup	
81	TBT 2223024	SIES / Biotechnology	Vaideki Singh	
82	TBT 2223001	SIES / Biotechnology	Alen Jose	
83	TBT 2223005	SIES / Biotechnology	Daksh Ghorat	D. Ghorat
84	TBT 2223008	SIES / Biotechnology	RAHIL ANSARI	
85	TBT 2223023	SIES / Biotechnology	Sanaa Sayed	
86	TBT 2223012	SIES / Biotechnology	Yusra Khan.	
87	TBT 2223026	SIES / Biotechnology	Diksha Udhakola	
88	TBT 2223019	SIES / Biotechnology	Krishna Polisetti	Krishna Polisetti
89	TBT 2223030	SIES / Biotechnology	Divya Zope	DNope
90	TBT 2223009	SIES / Biotechnology	Joanna Chris	
91	TBT 2223020	SIES / Biotechnology	Tisha Puthran	
92	TBT 2223015	SIES / Biotechnology	Manika Sawant	
93	TBT 2223008	SIES / Biotechnology	Pooja Jain	
94	TBT 2223004	SIES / Biotechnology	Neha Gaonkar	

95	SBT2223002	SIES/Biotechnology	Durga Adelkar	
96		SIES/MSC PART I BIOTECHNOLOGY	Desuree Fernandes	
97	TBT2223011	SIES/Biotechnology	Poorna chandra	
98	TBT2223010	SIES/Biotechnology	Nayam Kasturi	N.K.
99	TBT2223029	SIES/Biotechnology	Sri Venkatesh Sankar	
100	FMBT2122007	SIES/Biotech	Priyamvada Nath	
101	FBT2223030	SIES/BIOTECH	Oshini Nitnaware	
102	FBT2223029	SIES/BIOTECH	Yash Nimakar	Yes
103	FMBT2122020	SIES/Biotech	Mahek Parmar	
104	FMBT212205	SIES/Biotech	Kunali Ambavale	
105	FMBT212206	SIES/Biotech	Ayesha Shedge	
106	FMBT2122002	SIES/Biotech	Gunjan Gujrati	
107	FMBT2122021	SIES/Biotech	Roshni Ravindran	
108		SIES/Biotech	Ali Ahmed Sheikh	Ali Ahmed
109		SIES/Biotech	Aditi Borkar	Borkar
110		SIES/Biotech	Meenakshi Nair	
111		—"—	Sanika Rai	
112		SIES/BIOTECH	Tamanna Mandal	
113		SIES/BIOTECH	Jyothika Murugan	Jyothika M
114		—"—	Pavitra Rai	
115		SIES/BIOTECH	Saniya Shaikh	
116		SIES/BIOTECH	Nikita Mishra	M Nikita
117		SIES/BIOTECH	Amisha Vaishya	
118		SIES/BIOTECH	Riya Mariam Shibu	
119		SIES/BIOTECH	K. Fathima Rinsha	
120		SIES/BIOTECH	Yash Sanjay Sawant	Yash Sawant
121		SIES/BIOTECH	Tejal Ananda Dhumal	T.A. Dhu
122		SIES/BIOTECH	Jasmine R. Kukreja	
123		SIES/BIOTECH	Shrutika P. Kadam	S.P. Kadam
124		SIES/BIOTECH	Vaishnavi Rao	
125		SIES/BIOTECH	Akshita Nadar	
126	SBT2223014	SIES/Biotech	Hiba Rafi	Hiba
129	FMBT2122016	SIES/Biotech	Onkar Warkar	
130	TBT2223018	SIES/Biotech	Abhishek E. Perumal	

131	FMBT2122011	Msc II /Biotech	Fishcsarya.R	
132	FMBT2122009	Msc II /Biotech	Anisha.Bhende	
133	FMBT2122004	MSC-II / Biotech.	Nikita Mishra	
134	FMBT2122014	MSC-II /Biotech	Shweta Vishwakarm.	
135	018.	~~[illegible]~~ o MSC II BT	Temema T.	
136	015	M Sc II BT	Amaan Shaikh	
137.	FMBT2122012	MSC II BT	Sayali T	
138.	FMBT2122006	MSc II BT	Sharanya.Shankar	

Annexure 3: Photographs of Seminar/Workshop


One Year Diploma in EARLY CHILDHOOD
CARE & EDUCATION (ECCE)
SCIENCE FAIR 25TH FEB '22
INDIAN WOMEN SCIENTISTS' ASSOCIATION
(IWSA)
POPULAR SCIENCE LECTURES
SUPPORTED BY
BOARD OF RESEARCH IN NUCLEAR SCIENCES (BRNS)


3D Printing History
INDIAN WOMEN SCIENTISTS' ASSOCIATION
(IWSA)

Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Date: 26.09.2023

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

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SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),
SION WEST, MUMBAI - 400 022
DEPARTMENT OF BIOTECHNOLOGY

A. Title of the Seminar/Workshop/Conferences:
Dr. Rajalakshmi Amudan Lecture Series 2022-23

B. Background:
The Lecture Series has been organized for the past five years to celebrate the memory of our colleague Dr. Rajalakshmi Amudan. The alumni of the department are invited to address the current batch of students. They motivate their juniors by sharing their journey and describing their current area of work. This year, in order to commemorate the completion of two decades of the department of Biotechnology a scientific exhibition was also organized.The exhibition was largely attended by our teachers, alumni and our junior college students in addition to the regular degree college students. The event was supported by SIES Past Students' Association

C. Aims/Objectives:
The main aim of this lecture series is to introduce participants to the:
1. Career in Research with special focus on Haemophilia - the disease, genetics, diagnosis and counselling
2. Career in Scientific writing
3. Procedures & criteria before applying in foreign universities
4. Concept of Biotechnology through scientific exhibition

D. Location:
Mini-auditorium, Ground Floor & Biotechnology UG/PG Laboratory, Fourth Floor

E. Target audience/participants with expected number:
120 Under-graduate, Post-graduate students and Alumni

F. Details of Sessions:
The session was held on 21st Dec, 2022 from 9.30 am to 3.30 pm

G. Session and names of Resource Persons:
1. Dr. Rucha K Patil
2. Dr. Laxmi Iyer
3. Ms. Rashmi Konar, Director, International Office, Leverage Edu
4. Scientific Exhibition by Biotechnology Students

H. Outcome:

The feedback of participants stated that they found the lectures to be very helpful and informative. The exhibition was stated to be exciting and well-presented.

Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

22.12.2022

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

Annexure 1:

Details of Resource person:

1. Dr. Rucha K Patil is currently working as Scientist C, Department of Haemostasis and Thrombosis, ICMR-NIIH, ICMR Ministry of Health and Family Welfare, Government of India, Mumbai. Her expertise lies in the area of haemostasis and thrombosis and cell derived microparticles. She completed her PhD in Applied Biology from ICMR-NIIH, University of Mumbai. She is a recipient of INSA Young Scientist Award in the year 2017. She has more than 35 publications in peer-reviewed journals.

2. Dr. Laxmi Iyer presently works as a Scientific Writer and Senior Executive, Corporate Communications, Singapore Eye Research Institute (SERI), Singapore. She is a PhD holder in virology from Nanyang Technological University, Singapore. She is co-founder of a media company Biotech Media Pvt Ltd, Singapore and ran a website www.biotechinasia.com for 7 years as Managing Editor. She has several publications in journals of national and international repute.

3. Ms. Rashmi Konar, Director, International Office, Leverage Edu, an expert on diverse procedures of getting into foreign universities in the USA, UK, Canada, Australia and Europe.

4. Scientific Exhibition by Biotechnology Students on topics including food adulteration, Animal Tissue Culture, Plant Tissue Culture, Phagocytosis, Ouchterlony, Electrophoresis, Giant chromosome, Bioluminescence, Western Blotting, TLC, PCR, Sucrose Density Gradient, DNA isolation and NGS.

Annexure 2: Attendance Record

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)

SION (WEST)

DEPARTMENT OF BIOTECHNOLOGY

ATTENDANCE SHEET

TITLE: Dr. Rajalakshmi Amudan Lecture Series 2022-23

VENUE: Mini Auditorium, Ground floor, SIES College of Arts, Science and Commerce (Autonomous), Sion (W)

DATE & TIME : 21st Dec, 2022 (9.45 AM)

SPEAKER: Dr. Rucha K Patil and Dr. Laxmi Iyer

ORGANISED BY: Department of Biotechnology, SIES College and SIES College PSA

Sr. No.	Class	College / Department / Affiliation	Name	Signature
1	SYBT	BT	Hrithik. Rai	
2	SYBT	BT	Aneesh Garud	
3	SYBT	BT	Rakshanda. M	
4	SYBT	BT	Shreshta. S	
5.	SYBT	BT	Suraj. M	
6	FYBT	BT	Ahn. M	
7.	FYBT	BT	Anmol Gunwant Mahajan	
8.	FYBSC	BT	Oshini. Nitnaware	
9.	FYBSC	BT	Yashraj Nimankar	
10.	FYBSC	BT	Varsha Kurdia	
11.	FYBSC	BT	Lohit Baburaj	
12	MSC-I	BT	Meenakshi Nair	
13.	MSC-I	BT	Jyothika Murugan	Jyothika.M
14.	MSC I	BT	Riya Mariam Shibu	
15	MSC I	BT	Tejal Anand Dhumal	T.A.Dhumal
16	MSC-I	BT	Rishikesh Yasu	
17	MSC-I	BT	Siddhartha M	

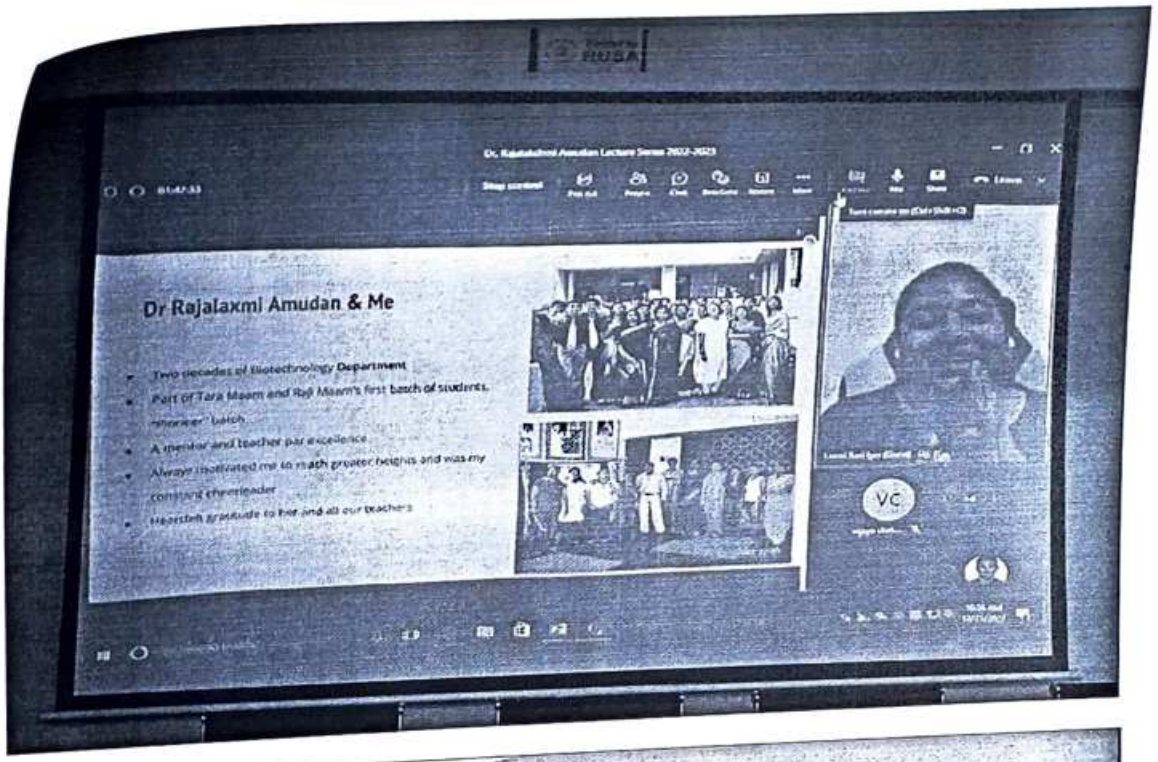
18	MSc I	BT	Ali Ahmed Sheikh	Mishad
19	MSc I	BT	~~Meenak~~ Aditi Boukar	Boukar
20	MSc I	BT	Yash Sawant	[illegible]
21	MSc I	BT	Desiree Fernandes	[illegible]
22	SYBT	BT	Banupriya S. Iyer	[illegible]
23	MSc I	GE	Niveditha Narayanan	[illegible]
24	MSc I	EVS	Pathan Amatul	[illegible]
25	SYBT	BT	Swarnavo Palit	Apalit
26	SYBT	BT	Hiral Chandaria	Hiral
27	SYBT	BT	Rohit Ram	Rohit
28	TYBT-293	BT	Sanaa Sayed	Sanaa
29	TYBT-19	BT	Krishna Poliessti	Krishna Polisetti
30	TYBT-12	BT	Yusra Khan	Khan
31	FYBT	BT	Anusha . Gajelli	AG
32	FYBT	BT	Shruti. Tiwari	[illegible]
33	FYBT.	BT	Zeal. Shah.	Zesh
34	SYBT	BT	Gopika PP Bijumon	[illegible]
35	SYBT	BT	Devika Rajeevan	[illegible]
36	SYBT	BT	Mabitha Mani	MBmani
37	SYBT	BT	Srushti-Sagare	SVSagare
38	FYBT	BT	GIZELLE SAVICHAN	[illegible]
39	FYBT	BT	THEJASKEE RAVISHANKAR	[illegible]
40	SYBT	BT	Ashish Acharya	Ashish
41	TYBT	BT	Manisha Sanj	Manj
42	TYBT	BT	Syed Mahwash Fatima	[illegible]
43.	TYBT	BT	Vaishnavi Mahalingam	[illegible]
44.	FYBT	BT	Shruti Chauhan	[illegible]
45	FYBT	BT	Trisha Shibu	Trij
46	FYBT	BT	Aditi Chachad	Achachad
47	~~FY~~ SYBT	BT	Arya Sonawane	[illegible]

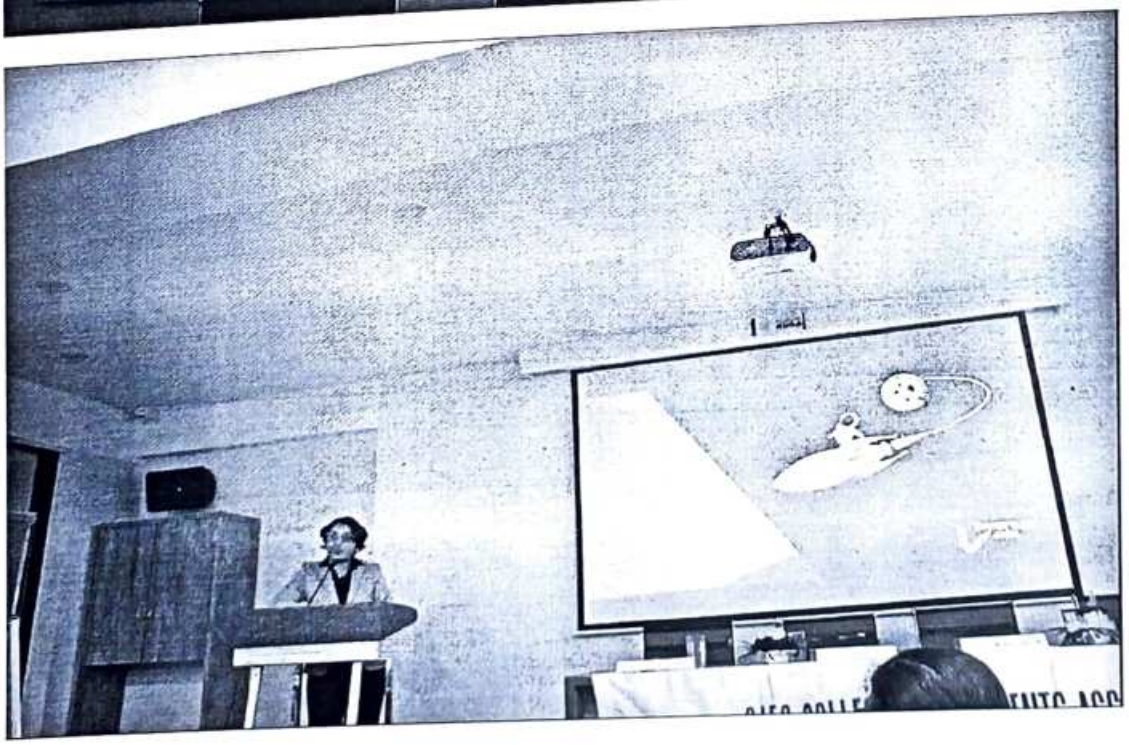
48	FYBT	BT	SHREEYA S GUJJA	Shreeya
49	FYBT	BT	Tulasi	Tulasi
50	FY	BT	Mariam	[illegible]
51	FY	BT	Riya	[illegible]
52	SYBT	BT	Sasha Shetty	Shetty
53	SYBT	BT	Hiba	Hiba
54	SYBT	BT	Medha Iyer	Medha
55	SYBT	BT	Akshitha Somashekar	Akshitha
56	SYBT	BT	Shreya Bangera	[illegible]
57	SYBT	BT	Sharon Santhosamani	[illegible]
58	SYBT	BT	Esha Anand.	[illegible]
59	SYBT	BT	Durga Mohit Adelkar	[illegible]
60	SYBT	BT	Komal Yellaram	[illegible]
61	SYBT	BT	Cyrus D'souza	[illegible]
62	SYBT	BT	Jinal Shethia	Jinal
63	SYBT	BT	Sanskruti Kokate	Sokate
64	SYBT	BT	Sooksh Shetty	Sooksh
65	TYBT	BT	Gauri Jage	Gjage
66	TYBT	BT	Divya Zope	DZope
67	TYBT	BT	Tisha Puthran	Tisha
68	TYBT	BT	Shruti Parmar	Shruti
69	TYBT	BT	Daksh Gharat	Daksh
70	TYBT	BT	Bhavi Mashru	[illegible]
80	TYBT	BT	Manav Patel	[illegible]
81	TYBT	BT	Alex Jose	Alex
82	TYBT	BT	RAHIL ANSARI	Rahil
83	TYBT	BT	Abhishek. Elango	[illegible]
84	FYBT	BT	Vinay. S. Phadtare	Vinay
85	FYBT	BT	Parameshwaran. Iyer	[illegible]
86	FYBT	BT	Divya P. Lambhate	Lambhate.

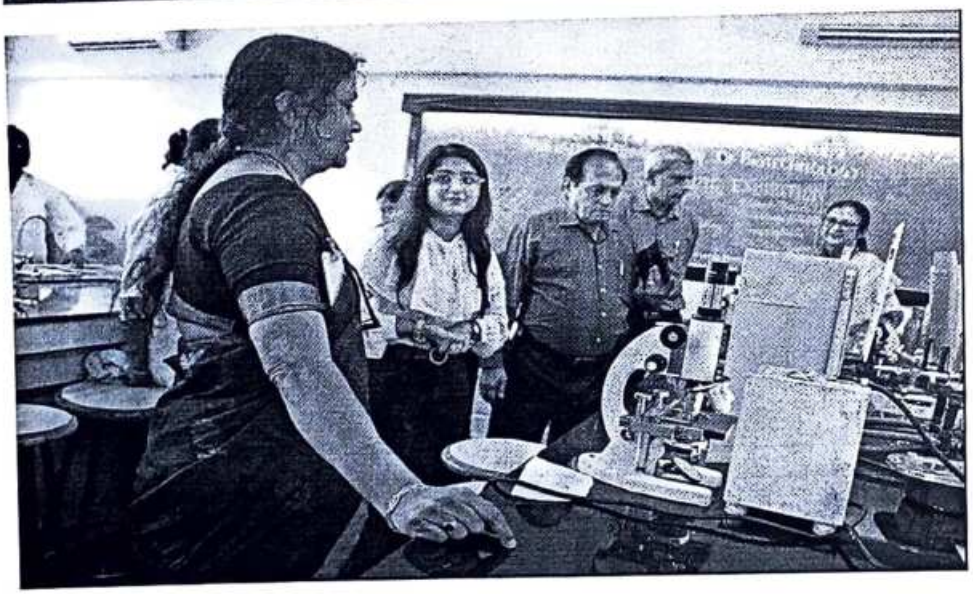
87	FYBSc	BT	ALYSSA JOHN	[signature]
88	FyBSc	BT	Mitali Naik	[signature]
89	TYBSc	BT	Nayan Kashori	[signature]
90	TYBSC	BT	Poorna Chandra	[signature]
91	TYBSc	BT	Neha Gaonkar	[signature]
92	TYBSc	BT	Manika Sawant	[signature]
93	TYBSc	BT	Pooja Jain	[signature]
94	TYBSc	BT	Adili Rao	[signature]
95	TYBSc.	BT	Joanna Charis	[signature]
96.	TYBSc	BT	Anandita Ghorpade	[signature]
97	TYBSC	BT	Amisha Badke	[signature]
98.	TyBSc	Zoology	Joshua Joshi	[signature]
99	TYBSc	zoology	Anjali Nadar	[signature]
100	–	Sc. officer Tata Memorial Hospital	Ramya Iyer	[signature]
101.	–	Sc. Assistant Tata memorial Hosp.	Ujwal. V. Shetty	[signature]
102.	–	JRF-ACTREC, TMC	Prachi Hajare	[signature]
103	–	Research Associate Markets and Markets	Sneha Sivakumar	[signature]
104	Alumni	JPA, DPS, Dept. of Atomic Energy	Rangaraja Konar	[signature]
105	Alumini	MSC BT 1st year Ramaiah univ.	Diksha G. Shetti	[signature]
106	Alumini	MSC Bt 1st year Ramaiah uni.	Vignesh K. Mudliyar	[signature]
107	MSC BT	BT	Payal Rajput	[signature]
108	MSC BT	BT	Yogesh Shekhawat	[signature]
109	Alumini	MSc BT	Shilpa Sivadas	[signature]
110	MSc BT	BT	Sakshi. Mishra	[signature]
111	MSc BT-I	BT	Sanika Rao	[signature]
112	PGDFTN	Food technology	Aditya Shetty	[signature]
113	TYBSC	BT	Naidehi Singh	[signature]
114	TYBSC	BT	Poojitha Kurup	[signature]
115	FYBSC	BT	Khushi Poojary	[signature]
116	FYBSC(BT)	BT	Srihari L Nadar	[signature]

117	TYBSc BT	BT	Bhagyashree Chowasiya	[signature]
118	FYBSc BT	BT	Vani Rao Bhanasiana Vani	[signature]
119	MSc Part I BT	BT	Tamanna T. Mandal	[signature]
120	MSc Part II	BT	Priyanvada Nath	[signature]

Annexure 3: Photographs of Seminar/Workshop


Dr Rajalaxmi Amudan & Me
Two decades of Biotechnology Department
Part of Tara Maam and Raji Maam's first batch of students, "pioneer" batch
A mentor and teacher par excellence
Always motivated me to reach greater heights and was my constant cheerleader
Heartfelt gratitude to her and all our teachers
VC





Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

22.12.2022

Dr. Rajalakshmi Amudan Lecture Series_2022-2023

Principal
SIES College of Arts, Science &
Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
MUMBAI
400 022

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Report

A. **Title of the Workshop:** Group Theory and its applications.
B. **Background:** During the academic year 2022 – 2023 department of chemistry had organized Guest lecture by Dr. Suresh Pawar Associate professor, University of Mumbai, Kalina Mumbai to explore Inorganic chemistry knowledge of under graduate and post graduate students.
C. **Aims/Objectives:** Informative
D. **Location:** Mini-auditorium, SIES College of arts, science, and Commerce (autonomous) Sion (w) Mumbai
E. **Target audience/participants with expected number: UG and PG Students (62)**

Session and name of Resource Persons:

Schedule:

Guest Lecture on : Group Theory and its Applications by **Dr. Suresh Pawar Associate professor, University of Mumbai, Kalina Mumbai**

Date: Sarurday, 28th January 2023 (11:00 am to 2.00 pm)

Venue: Mini-auditorium, SIES College of arts, science and Commerce (autonomous) Sion (w) Mumbai.

Time	Event Schedule	By
10.45 am	Participants/contestants will be allowed to enter in mini auditorium	-
11.00 am – 11.05 am	Welcome Address and Introduction of Guest.	Mr. Shekar Aiyar, Head, Dept. of Chemistry
11.06 am – 11.10 am	Felicitation of Guest Dr. Suresh Pawar Associate professor,	Mr. Shekar Aiyar, Head, Dept. of Chemistry

	University of Mumbai, Kalina Mumbai.	
11.12 am – 1.45 pm	Delivery of Lecture on Group theory and its applications.	Dr. Suresh Pawar Associate professor, University of Mumbai, Kalina Mumbai.
1.46 pm – 2.05 pm	Question and Answer	Dr Kirtikumar Badgujar
2.05 pm – 2.10 pm	Vote of Thanks and Feedback form submission.	Mr. Santosh Tiwari.

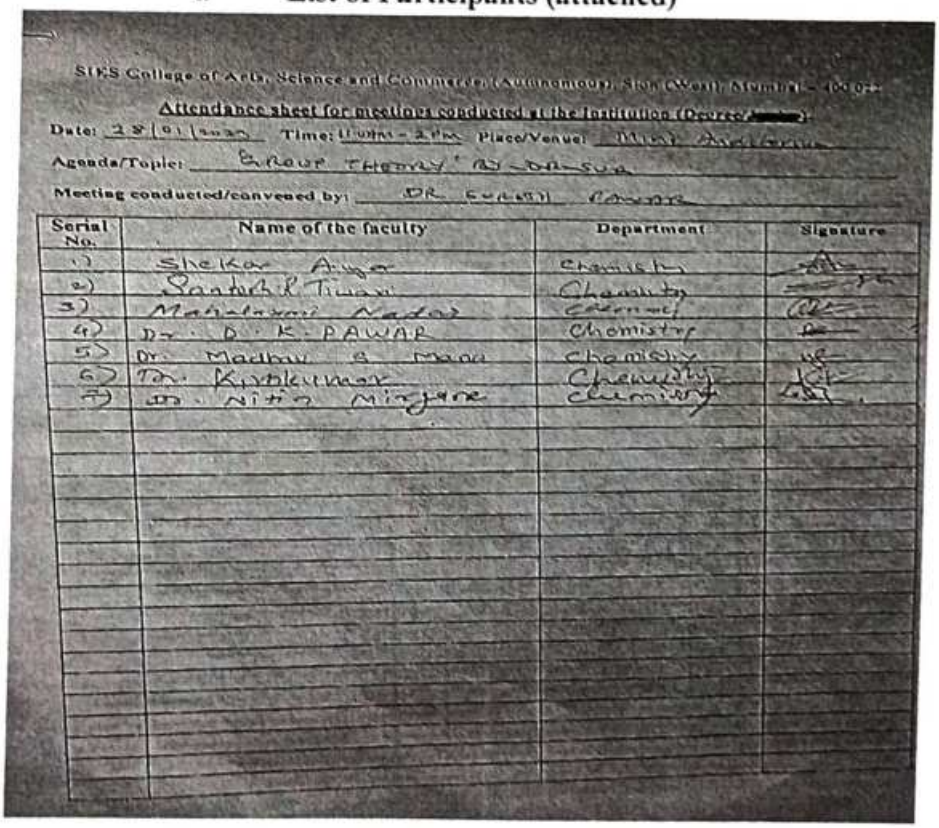
F. **Outcome:** Welcome address was delivered by the Head of the Department **Shekar Aiyar,** this was followed by the introduction of the judges by Dr Kirtikumar Badgujar.

The event was well received by the viewers. A total of 55 students and 7 Teachers were the audience of the Guest lecture. All have rated the competition level as good and excellent. This lecture has given an scientific temperament to the viewers as well as participants

G. **Funding if any: (NIL)**

H. **Annexures:**

i. **List of Participants (attached)**



SIES College of Arts, Science and Commerce (Autonomous), Sion (West), Mumbai - 400 022

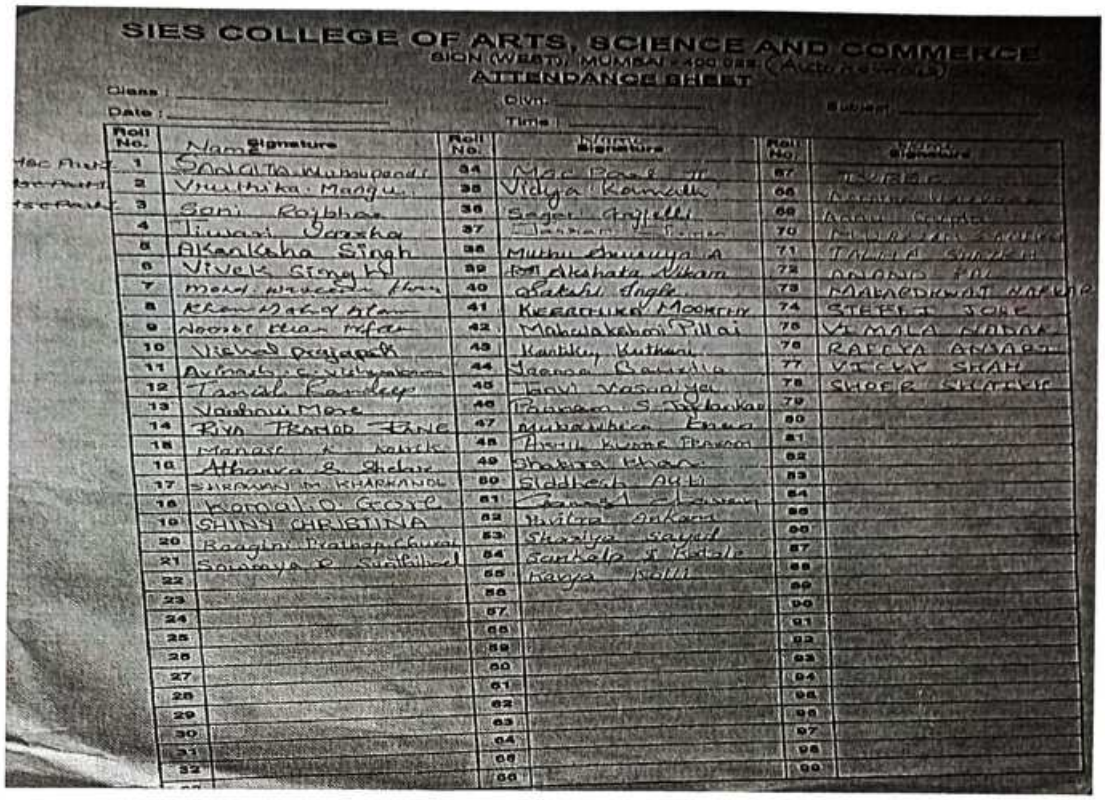
Attendance sheet for meetings conducted at the Institution (Degree/[redacted])

Date: 28/01/2023 Time: 11 AM - 2 PM Place/Venue: Mini Auditorium

Agenda/Topic: GROUP THEORY BY DR SUR

Meeting conducted/convened by: DR SURESH PAWAR

Serial No.	Name of the faculty	Department	Signature
1)	Shekar Aiyar	Chemistry	[illegible]
2)	Santosh R Tiwari	Chemistry	[illegible]
3)	Mahalaxmi Nadar	Chemistry	[illegible]
4)	Dr. D. K. PAWAR	Chemistry	[illegible]
5)	Dr. Madhav S Mane	Chemistry	[illegible]
6)	Dr. Kirtikumar	Chemistry	[illegible]
7)	Dr. Nitin Mirjane	Chemistry	[illegible]

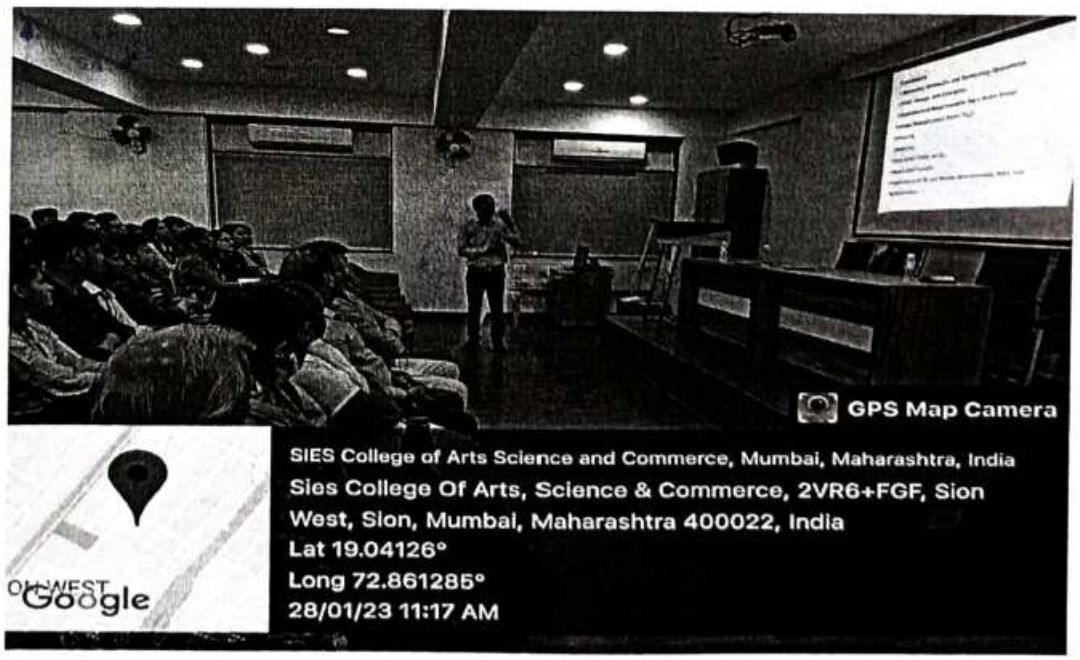


SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE
SION (WEST), MUMBAI - 400 022. (Autonomous)
ATTENDANCE SHEET

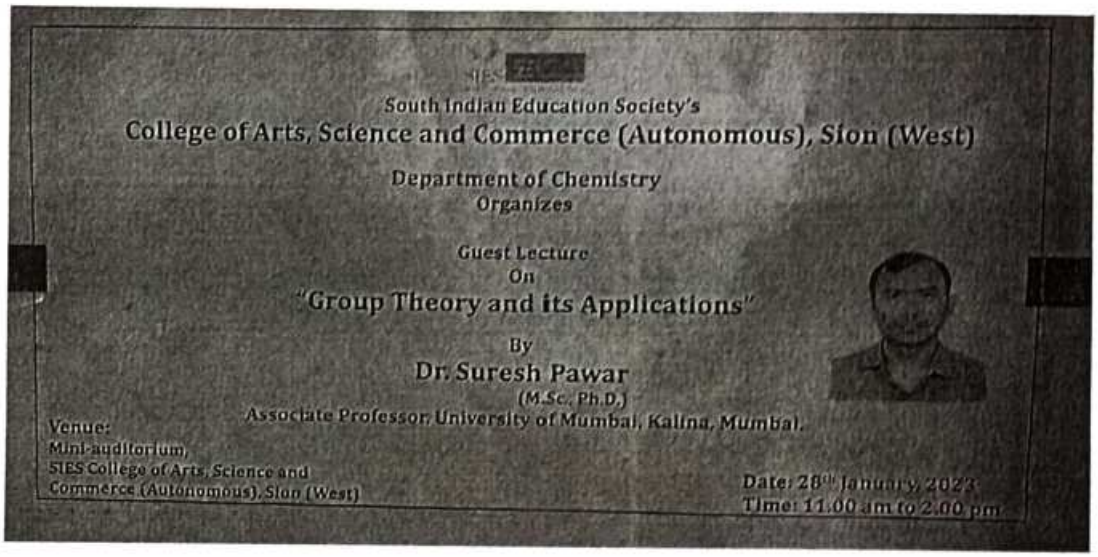
Class : _____ Div. _____ Subject _____
Date : _____ Time : _____

Roll No.	Name Signature	Roll No.	Name Signature	Roll No.	Name Signature
1	SANGITA Muthupandi	34	Mor Pooja	67	[illegible]
2	Vaishnika Mangu	35	Vidya Kamble	68	[illegible]
3	Soni Rajbhar	36	Sagar Jogfelli	69	[illegible]
4	Tiwari Jaasha	37	[illegible]	70	[illegible]
5	Akanksha Singh	38	Muthu Sowmya A	71	TALIA SHAIKH
6	Vivek Singh	39	Akshata Nikam	72	ANAND PAL
7	Mohd. Waseem Khan	40	Prakshi Jogle	73	MAHADDIKAR [illegible]
8	Khan Mahek Afsar	41	Keerthika Moorthy	74	STEFFI JOSE
9	Noorbi Khan Nafar	42	Mahalakshmi Pillai	75	VIMALA [illegible]
10	Vishal Prajapati	43	Kartiky Kuthari	76	RAFIYA ANSARI
11	Avinash C. Vishwakarma	44	Yasmin Banzila	77	VICKY SHAH
12	Tanish Pandey	45	Tanvi Vasaikar	78	SHOEB SHAIKH
13	Vaishnavi More	46	Bhavesh S. Jadhav	79	
14	RIYA TRAMBAD SANG	47	Mubashira Banu	80	
15	Manas K. Kanick	48	Amit Kumar Prasad	81	
16	Atharva S. Shelar	49	Shabana Khan	82	
17	SHRAVANI M. KHARKANDE	50	Siddhesh Aute	83	
18	Komal O. Gosal	51	Sameer Shaikh	84	
19	SHINY CHRISTINA	52	Shifaa Anjum	85	
20	Raughni Prathap Chavan	53	Shaziya Sayed	86	
21	Sanjaya R. Sonkhilkar	54	Sankalp S. Kadale	87	
22		55	Ravya Kalli	88	
23		56		89	
24		57		90	
25		58		91	
26		59		92	
27		60		93	
28		61		94	
29		62		95	
30		63		96	
31		64		97	
32		65		98	
		66		99	

ii. **Photographs (Geotagged)**



Lecture on 'Group Theory' by Dr Suresh Pawar University of Mumbai on 28th January 2023.



Report Prepared by

Signature:

Name: Madhav S. Mane

Department: Chemistry

Designation: Assistant Professor

(Shekar Aiyar)

Signature of HOD

Head Department of Chemistry
S.I.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE
Sion (West), Mumbai -400 022.

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Principal
SIES College of Arts, Science &
Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

Department of Economics

A. **Title of the Workshop/Activity:** Guest Lecture on 'International Migration from a Source Region Perspective: A Study of Indian Emigrants'.

B. **Background:** Dr. Anu Abraham, an assistant professor at NMIMS and an expert in the field of migration, in the first portion of her talk gave a detailed understanding of the meaning of migration. She elaborated on two different types of migration – voluntary and involuntary. Her interests lay in understanding how migration affects the left behind members of a family and the development impact of migration. She maintained that men and women are affected differently because of migration – men are better off when women migrate, and women are worse off when men migrate. Her regression analysis on remittance control compared budget allocation of remittance receiving and non-receiving households. Her regression results suggested that above poverty line category of households saw no significant difference in their consumption expenditure after receiving remittance whereas poor households spent more on food, education and health.

C. **Aims/Objectives:**

1. To introduce undergraduate students of Economics to migration and its economic consequences.
2. To help students understand the role of remittances from a macroeconomic perspective and the multiple aspects of migration.

D. **Location:** Mini Auditorium, SIES ASCS

E. **Target audience/participants with expected number:** 60

F. **Date of the activity:** August 5, 2022

G. **Name of Resource Persons:** Dr. Anu Abraham

H. **Outcome/Feedback:** Ninety six percent of the participants opined that the lecture was good and informative. Eight percent of the participants suggested that the resource person could have given more elaborate answers on the questions raised by students.

I. **Funding if any: (Mention the name of the funding agency and amount received)**:NIL

J. **Annexures:**

i. List of Participants

Full name	Class & Division	Feedback of the overall session	Any other suggestions for improvement
NADAR ANISA WILSON	SYBA A	It was good and I liked it	Little bit more explanation for better understanding will be good
Ankush Janardan Prasad Jaiswal	SYBA - A	The Session was Good, Learned New Things	
Nancy krishna jaiswal	SYBA /A	Session was interesting and knowledgeable	
Arshiya Banu Tamboli	TYBA/ B	It was interesting	-
FLORA MAIRIE	SYBA - A	Overall session was Good	-
Shaina Sachin Mohite	TYBA A	It was a good and interactive lecture.	I think the lecturer should have expanded more on the answers to the questions that were asked.
Ananya Vinod	SYBA A	It was a really informative session. Really enjoyed it.	
Anjali Bind	TYBA/A	It was overall a very informative and interesting event.	
Nirvaan Sood	TYBA - B	Overall the session was good. Learned something new and added something new to my existing understanding. Everything was perfectly planned and enjoyed the session.	Would love to attend more such sessions. Thank you.
Komal Mhatre	TYBA- A	It was a great session, got to learn new things. Was a great experience	No
Nair Harsh	SY BSC - CS	Quite good	I believe overall the event was perfect and I'd recommend y'all to keep creating events as such
Mallika Ravindrakumar Amale	TYBA - A	Great lecture! Phenomenal interactive session!	

Sreya Santhosh Kumar Radha	FYBA A	It was good	
Asira Shaikh	SYBA-A	The event was well organised and it went on pretty well.	NA
Nandana Prabhu	SYBA A	Informative	Nothing specific
GRISHA SHRIDHAR POOJARY	SYBA & A	The overall session was good and well organised.	No suggestions for improvement.
Saishyam.Ramesh. Iyer	SYBA/ A	It was a nice session and knowledgeable	
Rishi Kapoor	Sy.Bcom A	it was a good interactive session	
Angela Alfred Tellis	SYBA A	Was as Interesting and insightful guest lecture .	None
Zainab Javed Deshmukh	TYBA-A	Very Interactive	.
Divya Gopakumar	SYBA C	It was a very intriguing session.	-
Khushi Bhatia	Syba - C	It was something new which was fun to learn	None
SHUBHAM PRAJAPATI	TYBA - B	It was a nice session to expand my knowledge in economics. And explore this s field. And we'll managed by the economic association.	It was a great event.
Gayatri Kori	SYBA A	Overall it was a very educational and knowledgeable lecture. The doubt session was also helpful.	
NISHITA BANSAL	SYBA-C	It was a well organised program and an exciting one!	
Kristy Jojo Menacherry	TYBA A	Was explained in a very simple way which helped in understanding everything very easily.	
Christina Ashok	SYBA, A	It was a helpful lecture for my demography subject to understand the concepts clearly.	-
Architha Sundarrajan	SYBA C	It was great! Thank you for organizing such a wonderful event.	
Anshika Tiwari	SYBA A	Good.	
Om gupta	TYBA B	It was good overall..	
Patricia Cardoza	SYBCOM A	It should have been more informative and the ppt should have been a little more appealing.	-
Noorsaba Salim Shaikh	SYBA / A	The session was quite informative. Helped me cleared the doubts I had with regards to the topic.	-
Tanvi Bangera	SYBA A	It was all good.	

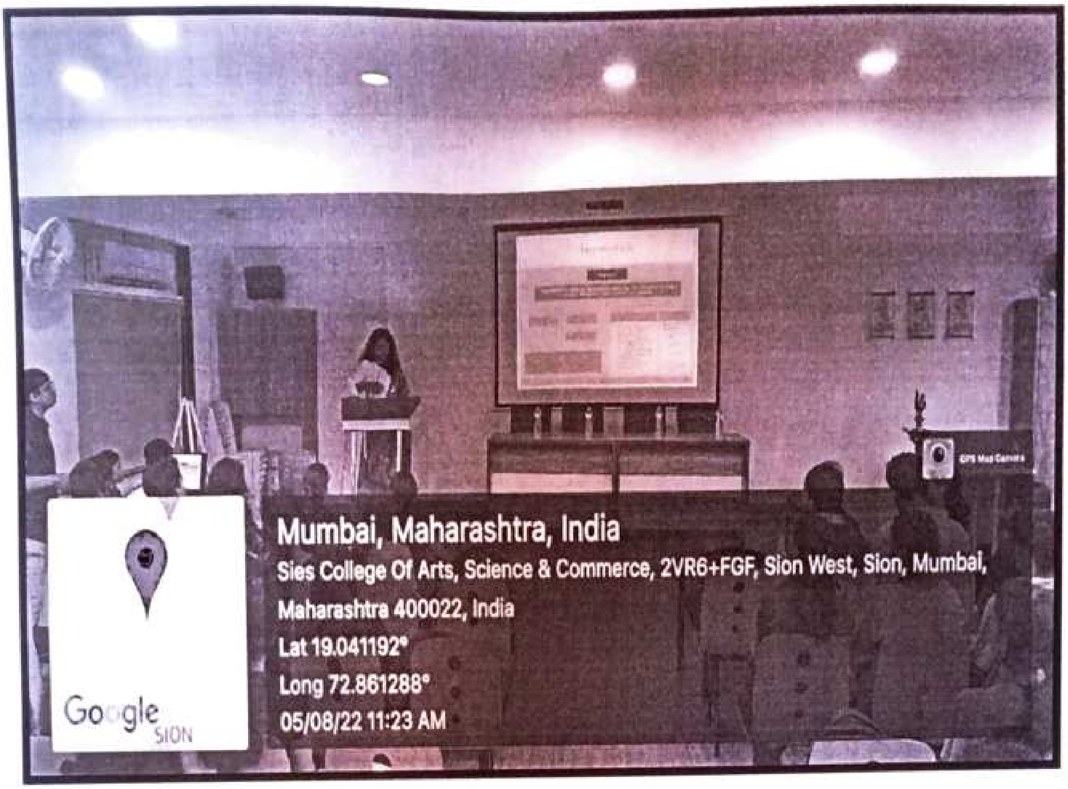
Mahalaxmi Samuthiram	TYBA -B	The session was fabulous and the lecturer was on point, thanks to Economic association for conducting such useful and satisfied events and expecting more events from you	
Anisha Amit Pandey	TYBA - A	Overall the session was really good and it was informative.	
Yadupriya Sanjay Narsale	SYBA-A	Good	No
PAUSANGMUAN NGAIHTE	SYBA-A	Great learning experience and clear concept.	
Nidhi Sunil Sunita	SYBA A	Overall it was a very informative session.	
Raghunath Ganesh	TYBA A	I learnt about an important aspect of demography in this session	
Anirudh Sundaram	SYBA A	An informative session	
Siddhant Pawar	SYBA, Div. B	Really very informative	Should've been more interactive
KOSURKAR GAURI DEEPAK	SYBA - A	-	
Kashish Ashok Chetwani	SYBA - A	The session was extremely informative and insightful, would love to attend more guest lectures in the future. Great work!	
RENUKA SANJAY SHINDE	SYBA - A	Excellent!!!	If the discussion on such topic along with different aspects of this topic like social and political and any other could be for long or else for 1 or more days ..... then it will be more good and interactive
Yukta Somanath Poojary	SYBA A	It was a very informative. I came to know about lot of new terms which I was unfamiliar with	
Saakshi Nagarajan	SYBA - C	Excellent session	
Hasti Jayesh Chheda	SYBA C	Session was amazing and I Really got to know new information	
Nitya Kaushik	SYBA A	The session was informative.	Nope
Tannu Manoj Mishra	SYBA (A)	The whole session turned out to be very knowledgeable.	
Saakshi Nayak	TYBA A	-	
MRUNMAYI KISHOR JOSHI	SYBA A	It was quite unique and enlightened me in various ways. Personally I feel economics is quite difficult to understand but this lecture was helpful and I was able to understand many things.	

		Would like to have similar guest lectures.	
Rahul Laljee verma	SYBA/A	All are good	
SHREYA VISHWANATH	TYBA A	The QNA session was very interesting	
Devangi Pawar	Syba (A division)	Very informative session	-
Meenal Bishnoi	SYBA-A	It was a very informative and knowledgeable event. I enjoyed being there and looking forward to more such fabulous events.	
Sushmita Soundar	TYBA A	Questions weren't answered clearly by the guest speaker.	More controversial topics which would spur debates.
Kathryl Tanusha	TYBA / B	Very easy to understand the session	No suggestions
Annapurna Mariappan Moopanar	TYBA - B	It was all over a good session to gain some experience and knowledge.	Can make the sessions more interesting and inspiring.
Akshath Namboodiri	TYBAM MC A	It was good	

ii. Photographs (Geotagged)

1. **Dr. Anu Abraham delivering the lecture**

2. Dr. Anu Abraham interacting with students



Report Prepared by: Sampath V. Sambasivan

Signature:

Signature of HOD

Name: Sampath V. Sambasivan

Department: Economics

Designation: Assistant Professor

****

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Report

A. **Industrial visit to HPCL (Vashi Terminal) Mumbai**

B. **Background:** Department of chemistry had Organized an Industrial visit to HPCL (Vashi Terminal) on 31st January 2023 to know the reality of how the Petroleum industry functions and bridge the gap between academia and industries for all SYBSc and TYBSc Chemistry Students.

C. **Aims/Objectives:** Industrial Exposer.

D. **Location: HPCL (Vashi Terminal) Mumbai**

E. **Target audience/participants with expected number: UG and PG Students (41)**

F. **Co-ordinator:**
From SIES: 1) Dr. Pallavi Roy Tiwari, 2) Mr. Santosh Tiwari 3) Dr. Madhav Mane
From HPCL: Mr Ashwin Kurial (terminal Incharge Vashi HPCL), Mr. Dhanishth R. Pawar, Mr. Lokender Kumar, Mr. Kailesh A. Borse, Mr. Prabhakar Sawant, Mr. Shahuraj, Ms. Sravani Manyam.

Session and name of Resource Persons: (31/01/2023)

Time	Event Schedule	By
9:00am – 9: 30am	Students Gathered at the entrance gate of HPCL Vashi terminal and completed entrance formality	**Security staff by HPCL Vashi Terminal**
9:30 am – 9: 45am	Admitted in HPCL Vashi Terminal	**Security staff**
9:45 am – 9:50am	HP anthem	
9:50 am – 10:00am	Brief introduction – HPCL followed by college staff.	
10:00 am – 10:05am	Video on HPCL	
10:05 am – 11:00am	Presentation	Shri Dhanishth R Pawar, Sr. manager -QC, HPCL
11:00am -11:10am	Video on Terminal	

11:10am -11:15am	Vote of thanks	
11:10am -11:30am	**Breakfast**	
11:30am -12:30pm	Field visit	Conducted by Mr. Shahuraj Paulkar, Manager Operations- HPCL.
12:30pm -12:45pm	Closing meet	
12:50pm	Departure	

G: Outcome:

Industrial visit included a presentation by Shri Dhanishth R. Pawar, Senior Manager QC on topic "Clean and Green Energy in Petroleum Sector and HPCL Initiatives". Students actively participated in the discussion with HPCL officers. A brief overview about various initiatives taken by HPCL towards Sustainable future were also part of presentation. Students learned about utilisation of Bio Fuels viz. Ethanol and Biodiesel in our products.

Students were divided into two groups for field visit in Terminal, Storage Tank area and Vashi Quality Control Laboratory which is a BIS Approved and NABL Accredited Laboratory. Students gained experience of petroleum testing. They understood how theoretical knowledge is applied in actual practice to analyse petroleum samples. Shri. Kailash Borse and team members demonstrated working of advanced equipment such as ICP-OES, UV Analyser, CFR Engine, GC, HPLC, Automatic Distillation Unit, Automatic Flash Point Tester etc. at Vashi Lab.

Funding if any: (NIL)

G. Annexures:

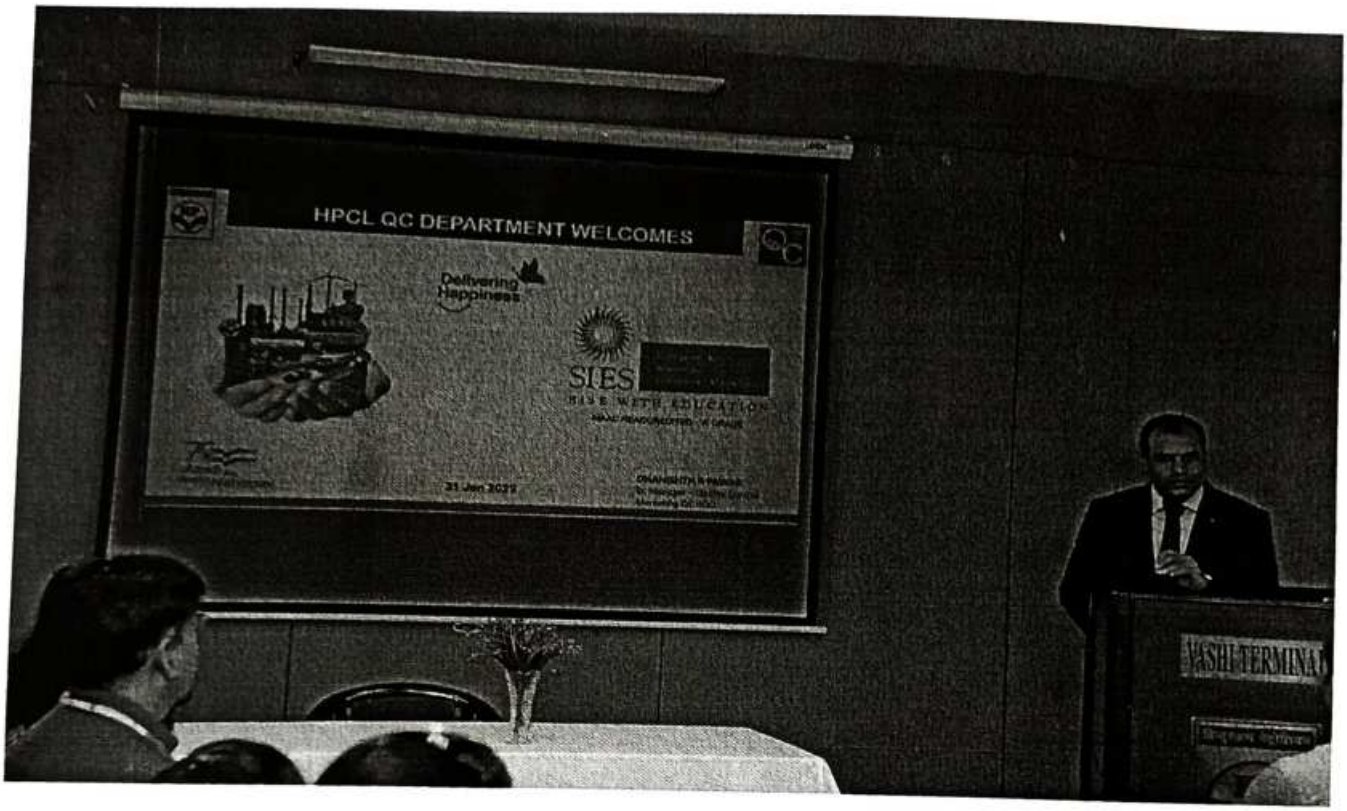
i. List of Participants

List of students Industrial visit to HPCL on 31/01/2023 & staff for

Sr. No	Name (As per Adhar Card/PAN card)	Class	Division	Roll no.	Contact no	Adhar no.
1	Aaina Mohd Afroz	SYBSc	A	SS2223001	8108458047	5502 [illegible]
2	SAYYED SHANA MUZAMMIL	SYBSc	A	SS2223003	9324485202	7012 [illegible]
3	Pranjal Madhuresh Yadav	SYBSc	A	SS2223004	7700024731	4453 [illegible]
4	Nasrin Khatun	SYBSc	A	SS2223005	9619778917	9342 [illegible]
5	Saniya sayyed	SYBSc	A	SS2223006	8657848340	7166 [illegible]
6	Saniya Julfekar Khan	SYBSc	A	SS2223007	8928636640	594452842104
7	Shruti ranjeet yadav	SYBSc	A	SS2223008	9321325462	2288 6708 2138
8	R RAMYA RAJ	SYBSc	A	SS2223009	8767639931	253558127461
9	Kentaim soundarya Bhumesh	SYBSc	A	SS2223016	8291419996	299860386058
10	Lalasha Yashwant Parab	SYBSc	A	SS2223017	8928143126	882026018370
11	PRABHAKANI SIVALINGAM	SYBSc	A	SS2223018	9750697546[illegible]	943458310680
12	Pranali Durairaj	SYBSc	A	SS2223019	7021113862	511773775205
13	STANISLAUS NIMOSHA	SYBSc	A	SS2223020	9769920340	6013 3321 3902
14	SUKANTHI CHANDRASEKAR	SYBSc	A	SS2223021	8867274138	413659643801
15	Rohit Vayada	SYBSc	A	SS2223022	8082566416	960361425351
16	Arockia Brightly Jeyakumar	SYBSc	A	SS2223024	8451029248	410727093593
17	VINOD DEEPCHAND JAISWAR	SYBSc	A	SS2223025	7977215334	471850152784
18	Melvina Nader	SYBSc	B	SS2223253	9082732179	844328661895
19	PURAMERI ADITYA PRASHANT	SYBSc	B	SS2223254	9987350837	270474905226[illegible]
20	IFFAT IRFAN SHAIKH	SYBSc	B	SS2223256	7738510747	930992446129
21	Ameya Patel	SYBSc	B	SS2223259	7558644603	372400646660
22	Raghav Lakshman Choudhary	SYBSc	B	SS2223274	8928647296	982705243997
23	REUEL JOSE PETER DSOUZA	SYBSc	B	SS2223275	9987688824	957017874167
24	SUMAN JAGDISH PRASAD KEWAT	SYBSc	B	SS2223277	7208645367	8144 3453 7864
25	NAZIYA PARWEEN	SYBSc	B	SS2223278	9578426325	478273344633
26	Kunal Ajay Kumar Pandey	SYBSc	B	SS2223280	9326857039	861899569454
27	SAZIYA	SYBSc	B	SS2223281	8229894735	610074355237
28	Niyoogr Navin Thakur	SYBSc	B	SS2223282	9324131841	285144506366
29	Janhavi Jitendra kumar yadav	SYBSc	B	SS2223284	8005390237	532472094114
30	Chowdhry Nida Abu Bakr	SYBSc	B	SS2223285	9076020664	601560562535
31	Mahalaxmi Thevar	SYBSc	B	SS2223286	8850174237	546315671121
32	Nauma parveen Syed Nasir Reyaan	SYBSc	B	SS2223287	7039774055	480487149300
33	Anou Rajesh Gupta	TYBSc	B	TS2223111	9990890495	415221251332
34	Aamna Dilpak Halekara	TYBSc	B	TS2223112	9767285789	207002698740
35	Malai Shwaj Rajendra Nayar	TYBSc	B	TS2223113	9619972009	568314480313

Sr. No	Name (As per Adhar Card/PAN card)	Class	Division	Roll no.	Contact no	Adhar no.
36	VICKY KUMAR GANESH SHAH	TYBSc	B	TS2223215	7208332561	248837332234
37	MOHD TALHA IMTIYAZ AHAMAD SHAIKH	TYBSc	B	TS2223222	9594078386	6639 6291 7559
38	Muazzam Shaikh	TYBSc	B	TS2223223	9653456301	912755005277
39	Pal Anand Surendra	TYBSc	B	TS2223225	8286866849	664250559664
40	Dr. Pallavi Roy Tiwari	Staff			9930909788	558815721180
41	Mr. Santosh Tiwari	Staff			9892961354	302088782169
42	Dr. Dattatrya Pawar	Staff			9822584064	420538739422
43	Dr. Madhav Mane	Staff			9769628230	639228499683
44	Dr. Kirtikumar Badgujar	Staff			9860180002	477205681280

ii. Photographs (Geotagged)


HPCL QC DEPARTMENT WELCOMES
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SIES
RISE WITH EDUCATION
31 Jan 2022

Report Prepared by

Signature:

Name: Madhav S. Mane

Department: Chemistry

Designation: Assistant Professor

(Shekar Aiyar)

Signature of HOD

Head Department of Chemistry
S.I.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE
Sion (West), Mumbai - 400 022

Principal
SIES College of Arts, Science &
Commerce (Autonomous)
(West), Mumbai - 400 022.

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)
Sion (west), Mumbai-400022.

Physics department Activities 2022-23

Activity-4: department of physics, Educational Visit - 15-11-2022 & 18-11-22

Title: Educational Visit to IMD,Colaba.

Background:
SYBSc Physics students, as a part of curricular activity were sent on educational visit.

Aims/Objectives : Meteorological instruments (or weather instruments), which include meteorological sensors (weather sensors), are used to determine the state of the atmosphere at a given time. Rain gauges are useful for measuring precipitation. Thermometers are used to measure the temperature outside

Location: IMD,Colaba.

Target audience /participants with expected number: 44

Date of the activity: 15-11-2022 & 18-11-2022

Name of Resource Persons: - Conducted in IMD, Colaba.

Outcome/Feedback: -

Funding if any : -

Annexures :

i. List of Participants

List of student for IMD visit on Friday, 18-11-2022 as a part of Group C practical

Roll number	Name	Phone number	Signature
SS2223270	Vruthi Kapne		
SS2223271	[illegible]		
SS2223272	NADAR JEEVA MURUGESAN JAYANTHI	[illegible]	
SS2223273	BOYAJNANESHWARI KISTAPPA SAYAMMA		
SS2223274	CHOUDHARY RAGHAV LAKSHMAN UMA	[illegible]	
SS2223275	DSOUZA RUFI JOSE PETER MERLYN	[illegible]	
SS2223276	JAISWAR HRISHANK KUMAR RAJESHKUMAR SUSHMA	7043301641	
SS2223277	KEWAT SUMAN JAGDISH PRASAD SUSHMA DEVI	+2 [illegible]	
SS2223278	NADAR AMSHAVARTHINI RAVINDRAN SHANTI	[illegible]	
SS2223279	NAZIYA PARWEEN RIZWAN MERATUN NESHA	4576426325	
SS2223280	PANDEY KUNAL AJAY KUMAR KANCHAN	4326857930	
SS2223281	SAZIYA RIZWAN MERATUN NESHA	8229894735	
SS2223282	THAKUR NUPOOR NAVIN KUMAR CHANCHALA	9324131641	
SS2223283	THIRUBATHI THIRUVALI LAKSHMI	8291510538	
SS2223284	YADAV JANHAVI TARENDRAKUMAR SUNITA	8005390237	
SS2223285	CHOWDHRY NIDA ABU BILAL AAREFA KHATOON	9076020554	Chowdhary
SS2223286	THEVAR MAHALAXMI MURUGAN MUTHU	8850174237	
SS2223287	RAYEEN NAGMA PARVEEN MOHD NASIR TASMEELA	7039774055	
SS2223288	CHOUBE ADARSH ANIL LAXMI		
SS2223289	NOORIE UMMUL KHAIR EQUEBAL SALEHA KHATOUN		
SS2223290	ANSHU SINGH	9321125171	

List of student for IMD visit on Tuesday, 15-11-2022 as a part of Group C practical

Roll number	Name	Phone number	signature
SS2223401	SHAIKH ADIL AKBAR GULNAR	9[illegible]15	[illegible]
SS2223402	SHAIKH AYESHA WAQAR BILQUEES	8161237619	Ayesha
SS2223403	THAKUR ROSHAN MOHAN KALPANA	9372009235	[illegible]
SS2223404	YADAV NANDINI RAMASHANKAR URMILA	8828384935	[illegible]
SS2223405	MISHRA GOVIND SANTOSH SUNITA	9321817061	[illegible]
SS2223406	PAWAR SAHIL VIJAY ANITA	9689902017	S V Pawar
SS2223407	NIMBALKAR KARTIK SHASHIKANT MADHURI	7304606940	[illegible]
SS2223408	TIWARI ANKIT KUMAR DHANANJAY NITU	7678084945	[illegible]
SS2223409	SINGH ABHAY BHUPENDRA RENU		
SS2223410	NAGDA NIRMAL KUMAR JAYANTI LAL SANGEETA	9079317696	[illegible]
SS2223448	ABIDI YUSRA IBRAHIM KHALIL SHAKEELA	9819147011	[illegible]
SS2223449	CHAWLA MADHUR KISHORE RUBY	9487640030	[illegible]
SS2223450	CHAWLA MILAN KISHORE RUBY	9715886389	Milan
SS2223451	GAIKWAD ADITYA ANIL SHAILA		
SS2223452	GHODKE BHAKTI RAJENDRA MANISHA	8657648742	BPhodke
SS2223453	JAWAL MAYURESH VIJAY AMITA	7304605923	[illegible]
SS2223454	KADAM DIKSHITA TANAJI RUPALI	7045819218	Kadam
SS2223455	KHAN UMMAY AIMAN TASADDUQ HUSSAIN MUMTAZ BEGUM	6521347746	[illegible]
SS2223456	PATIL ABHAY NARAYAN NAMRATA	9307842522	[illegible]
SS2223457	PRASAD SACHIN RAMSINGAR RAJMATIDEVI	8850738432	Sachin
SS2223458	QURESHI EKRAR AHMED IRSHAD AHMED NAIMATULNISHA	8424868356	Ekrar
SS2223459	SANGHI NELSON NARSIMULU SUJAMMA	3898439428	[illegible]
SS2223460	KODI SHRUTIKA SRINIVAS TEJASHREE	9892762709	Shruti
SS2223461	SHAIKH TANVEER JAMAL RUBEDABIBI	9326891440	Tanveer
SS2223462	GORDE ATHARVA SURYAKANT SHARMILA	7710081622	[illegible]
SS2223463	NADAR STEPHEN SAMSON HEMA	7678089983	[illegible]
SS2223464	ANSARI AZIZUR REHMAN NAJEEBUR REHMAN SEHERUNNISHA		
SS2223465	RANDIVE PRIYA RAJESH VIJAYALAXMI	9324645136	Priya

ii. Photographs (Geotagged) -

Report Prepared by : Dr. Vishal Dev

Signature :

Signature of HOD

Name: Dr. Vishal Dev

Department: Physics

Designation: Assistant Professor

SIES College Of Arts, Science & Commerce (Autonomous)

Sion(West), Mumbai 400 022

Department of Data Science

A Brief Report on Industrial Visit

Date of Visit: 18th October, 2022

Time: 02:00 PM

Company: BSE Limited (Bombay Stock Exchange)

An Industrial visit to **"Bombay Stock Exchange"**, Phiroze Jeejeebhoy Towers, Dalal St, Kala Ghoda, Fort, Mumbai, Maharashtra, was successfully organized by The Department of Data Science and The Department of Computer Science of SIES College of Arts, Commerce and Science, Sion (West), Mumbai.

52 students from First Year B.Sc. Data Science, along with 1 Faculty (Asst. Prof. Tarannum Shaikh) visited the institution to understand the scope and importance of Data Science in Stock markets, along with the significance of Artificial Intelligence.

All students reached CSMT Local Station, then further reached BSE building by 2:00 PM.

After checking in, the students were taken to the Auditorium, where Mrs. Meenakshi gave an introductory speech along with the specification of the required details about the program organized by the institution for the students.

Following the course of events Mr. Chirag Jhumkhawala, provided the students with the necessary information about the significance of Artificial Intelligence, also referring to his own experience.

Overall, the experience was distinctive, providing everyone with new knowledge and opportunities based on the field of expertise in the field of Data Science.

The Details of Students who were present for the Industrial visit are as follows:

Sr. No.	Name of the Student
1	Shaikh Raiyyan Akhlaque
2	Sonkar Priyanka Nandlal
3	Nikam Kalyani Prakash
4	Cherupally Chandana Madhu
5	Dubey Anurag Indramani
6	Jadhav Nikita Ganpat
7	Dhuka Uzair Momin
8	Kadam Atharva Santosh
9	Wagh Samruddhi Rajendra
10	Raote Hardik Sudesh
11	Harikrishnan AG Deepa
12	Sawant Shweta Vivek
13	Shetty Vijaylaxmi Purander
14	Jinna Joel Vijay
15	Shrivastav Purnima Radharaman
16	Shetty Tanish Ravindra
17	Kadam Aayushi Yogesh
18	Dubey Shivam Rajesh
19	Sihra Gurleen Kaur
20	Mishra Uma Ashwinikumar
21	Karampuri Pranali Mahesh
22	Gupta Reansh Dharmendra
23	Swati Thangamani
24	Ansari Mohd Ahmed
25	Martanwar Ishita Manoj
26	Jadhav Sahil Suryakant
27	Shetty Sharan Sunder
28	Ansari Toufik Mohd
29	Joel Joymon
30	Bhise Makarand Shrikant
31	Jadye Vikas Vijay
32	Vedant Lokhande Niranjan
33	Karande Harshad Ramchandra

34	Vighnesh Shevti Mohan
35	Nair Girish Biju
36	Sharma Rishi Shravan
37	Sawant Neha Rajendra
38	V S Manasa V Kothai
39	Kazi Shifa Aiyub
40	Shaikh Taiba Mansoor
41	Ansari Bushra Mohd
42	Khan Firdaus Shakeel
43	Kad Kanchan Santosh
44	Shaikh Eram Fatima
45	Singh Aditi Sudhir
46	Singh Shrishti Pradeep
47	Shaikh Umera Banu
48	More Vishakha Kishore
49	Kank Chaitanya Naresh
50	Akhilesh Badrinath Deepa
51	Temkar Shruti Santosh
52	Rebello Andrea Christine

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Biochemistry – Food Technology & Nutraceuticals

A. **Title of the Workshop/Activity:** Workshop on Analytical Techniques (HPLC, MS – Gas Chromatography, HPTLC, FTIR)

B. **Background:** Analytical techniques like HPLC, Mass Spectroscopy, HPTLC, FTIR are sophisticated techniques that are used in analysis and extraction of compounds from different samples. Understanding the working and hands-on these techniques is a requirement in any quality control or analytical laboratory be it a Food testing, pharmaceutical, instrumentation or diagnostic company.

C. **Aims/Objectives:** To have hands-on training of spectroscopy (IR) and chromatography techniques (HPLC and GC-MS) and to appreciate the application of these techniques in research and various industries.

D. **Location:** SIES School of Packaging, Nerul, Navi Mumbai.

E. **Target audience/participants with expected number:** 15 Students; 2 Teachers

F. **Date of the activity:** 27th & 28th January 2023

G. **Name of Resource Persons:** Dr. Vivek Parab

H. **Outcome/Feedback:**

1. Students learned the working and applications of instruments for different samples.
2. Students got an opportunity to practically identify and analyse the samples using FTIR, Ion chromatography, HPLC and GC-MS

I. **Annexures:**

i. **List of Participants**

ii. **Photographs (Geotagged)**

Report Prepared by: Ms. Kanika Gangapuram

Signature: 30/01/2023

30/01/23

Signature of HOD

Department: Department of Biochemistry – Food Technology & Nutraceuticals

SES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Annexures

List of Participants

1.	Abir Sakhakar	9.	Mahvish Ghori
2.	Aditya Shetty	10.	Meena Ingawale
3.	Alokkumar Jaiswar	11.	Paul Pinto
4.	Anshika Gupta	12.	Prathmesh Satnam
5.	Bushra Sayed	13.	Shruthika Karnam
6.	Deepali Shinde	14.	Shruti Babar
7.	Dinesh Nadar	15.	Varsha Shetty
8.	Jatin Karkera	16.	Rahul Sarkar

Photograph

Students of Food Technology and Nutraceuticals with Dr Vivek Parab at SIES School of Packaging during a two-day workshop on 27th and 28th January 2023.

SIES College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), SION WEST, MUMBAI - 400 022

DEPARTMENT OF BIOTECHNOLOGY

A. Title of the Internship:
IWSA-SIES Internship Program for TY undergraduates

B. Background:
Internship Program for college students is an initiative taken up by Indian Women Scientists Association to promote Science Education. The TYBSc Biotechnology practical curriculum has a mandatory skill-based laboratory research project. We approached IWSA for collaboration with SIES to conduct a lab-based internship program with biotechnology students.

C. Aims/Objectives:
The main objective of the internship was to enable the students to:
1. Opportunity to interact with current and retired research scientists
2. Introduce them to Bioinformatics and Structural Biology
3. Present the internship project data in the form of e-poster
4. Organise various guest lectures
5. Develop soft-skills

D. Location:
IWSA mentors interacted with the students on an online platform (MS Teams & Google meet). Students executed the internship project in the laboratory at the Department of Biotechnology, some part of it was also carried out at IWSA, Vashi.

E. Target audience/participants with expected number:
30 third-year undergraduate students participated in the internship programme

F. Details of Sessions: The session was held from 10th January -10th February 2023
The students were divided into 3 groups mentored by IWSA members:

Gr. No.	Title of Project	Students Name	IWSA Mentors
1.	Screening of PGP properties and Heavy Metal Tolerance of Rhizospheric	Alex Jose, Rahil Nasir Ansari, Syed Mahwash Fatima, Krishna Polisetti Vaidehi Singh, Manika Sawant, Joanna Charis Johnson,	Dr. Sunita Singh, Dr. Arpita Gupte, Mr. Sarang Bhagawat

	Microorganisms in the Mangrove Ecosystem	Katlakunta Poornachandra, Gauri Sham Jage, Poojitha Kurup	
2.	A study on dry leaves composting using bacterial and fungal inoculum	Amisha Bodke, Pooja Manoharlal Jain, Manav Patel, Tisha.C.Puthran, Diksha Ushakola, Neha Sandeep Gaonkar, Nayan Kasturi, Bhavi Mashru, Manisha Omkar Saroj, Divya Nitin Zope	Dr. Suhasini Samant, Dr. Smita Kekatpure, Dr. Rita Mukhopadhayaya
3.	Potential of waste mangrove apples as raw material for production of bioethanol	Daksh Deepak Gharat, Shruti Parmar, Aditi Rao, Sanaa Ghaus Sayed, Srivenkadesh Sankar, Anandita Ghorpade, Khan Yusra Mohammed Asif, Abhishek Elango Perumal Lahari Pratap Singh, Vaishnavi Mahalingam	Dr. Niranjana Chavan, Dr. Abhishek Mule, Dr. Leena Kulkarni Dr. Paramjit Anthappan

The internship also had a common project on Bioinformatics and Structural Biology mentored by **Mr. Neeraj Gaur, Lake-Water Bioinformatics, Navi Mumbai**

The session dealt with the following topics:

1. Basics of DNA replication and Primer design
2. DNA & protein sequence search
3. Introduction to protein structure and small molecules
4. Theory of Docking
5. Hands-on session at IWSA (Vashi) for basic visualization of protein, small molecule design in Pymol & Chemsketch and molecule preparation in Autodock Vina
6. Theory and demonstration of MD simulations and analysis using open source GROMACS 2022

G. Session and names of Resource Persons:

The internship program also had guest lectures delivered by various eminent speakers:

Sr. No.	Title	Speaker & affiliation
1.	Fermentation Technology	Dr. Leena Gaurav Kulkarni, Scientist, Praj Industries
2.	Composting	Dr. Fracin Pinto, CEO, International Green Venture Funds
3.	Waste Management – The need of the day	Dr. Girish Mankame, Chij Agroindustries Pvt Ltd

The internship program also had various field visits:

Sr. No.	Name of the location	Brief activity
1.	Godrej Mangrove Biodiversity, Vikhroli	Geotagging of *S. alba*, Collection of fallen fruits
2.	Sagar Vihar, Vashi	Geotagging of *S. alba*, Collection of fallen fruits, Clean-up drive

H. Expected outcome:

The students will be introduced to the research concepts including literature survey, designing experiments, data analyses and compilation. They will have hands-on experience of laboratory techniques while performing experiments. Moreover, they will learn to present the data in the form of presentations and e-poster. Through the bioinformatics project, students will also be acquainted with database search, primer designing and docking.

I. Feedback:

Many skills were learnt during the course of this internship such as multitasking, communicating, presenting the data effectively, learning to deal with diversity of opinions, and dealing with deadlines.

Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

29.03.2023

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

Annexures 1: List of Participants

Sr. No.	Student Name
1	Nayan Kasturi
2	Vaishnavi Mahalingam
3	Daksh Deepak Gharat
4	Bhavi Mashru
5	Poojitha Kurup
6	Syed Mahwash Fatima
7	Sanaa Ghaus Sayed
8	Abhishek Elango Perumal
9	Manisha Omkar Saroj
10	Rahil Nasir Ansari
11	Pooja Manoharlal Jain
12	Khan Yusra Mohammed Asif
13	Krishna Polisetti
14	Joanna Charis Johnson
15	Manav Patel
16	Amisha Bodke
17	Anandita Ghorpade
18	Manika Sawant
19	Katlakunta Poornachandra
20	Gauri Sham Jage
21	Tisha.C.Puthran
22	Vaidehi Singh
23	Divya Nitin Zope
24	Aditi Rao
25	Shruti Parmar
26	Alex Jose
27	Diksha Ushakola
28	Neha Sandeep Gaonkar
29	Srivenkadesh Sankar
30	Lahari Pratap

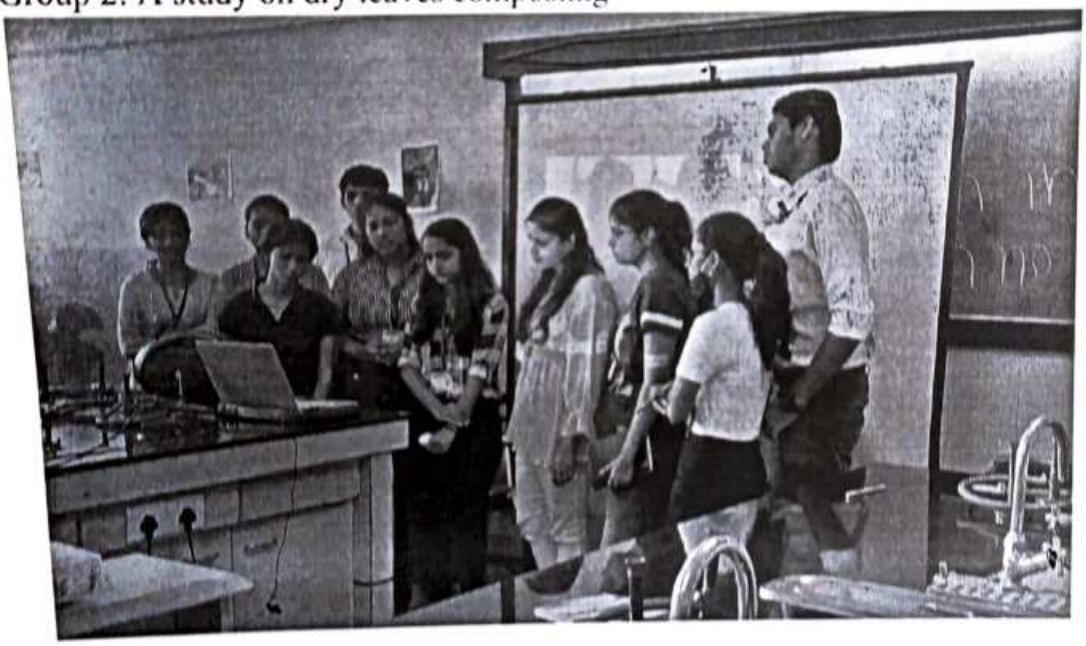
Annexures 3: Photographs of Seminar/Workshop

- Orientation Program held on 9th January 2023 over MS Teams

- **Student Peer-review held on 23rd February 2023**

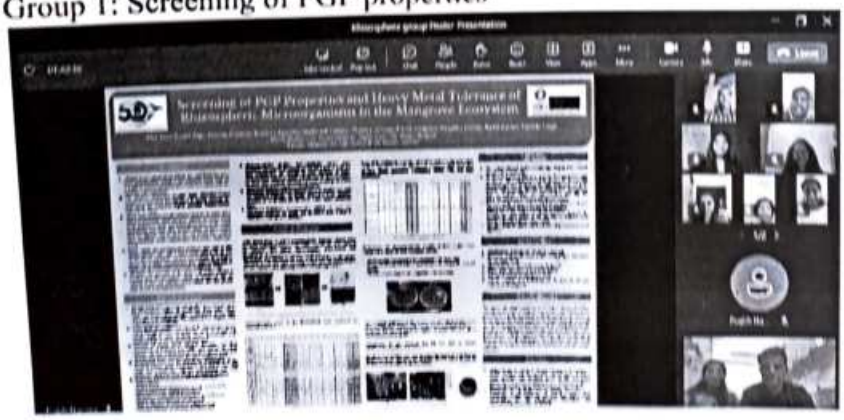
Group 1: Screening of PGP properties

Group 2: A study on dry leaves composting

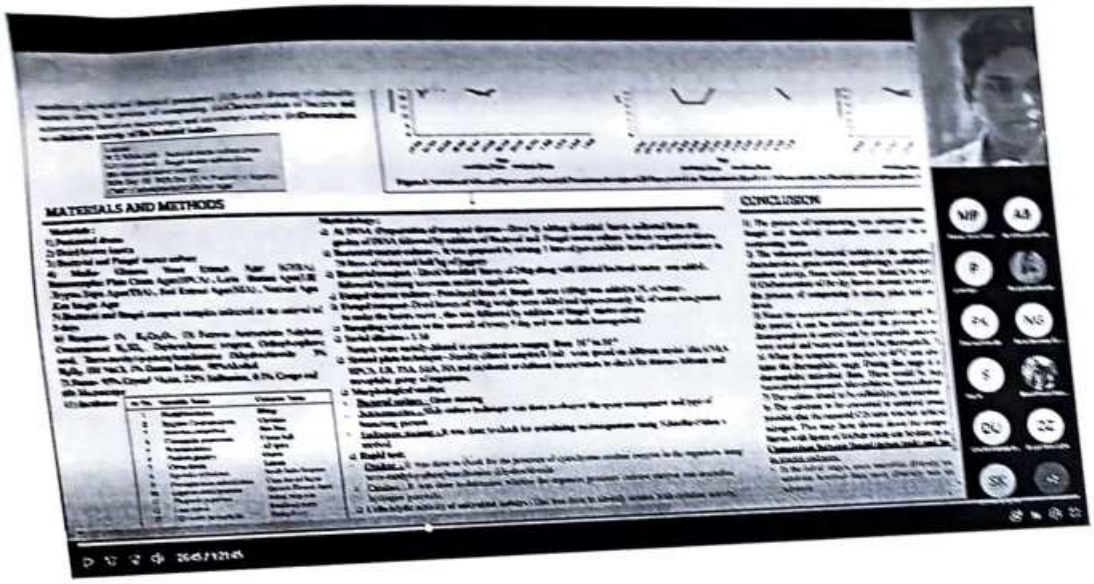


- **E-poster presentation held on 15th March 2023**

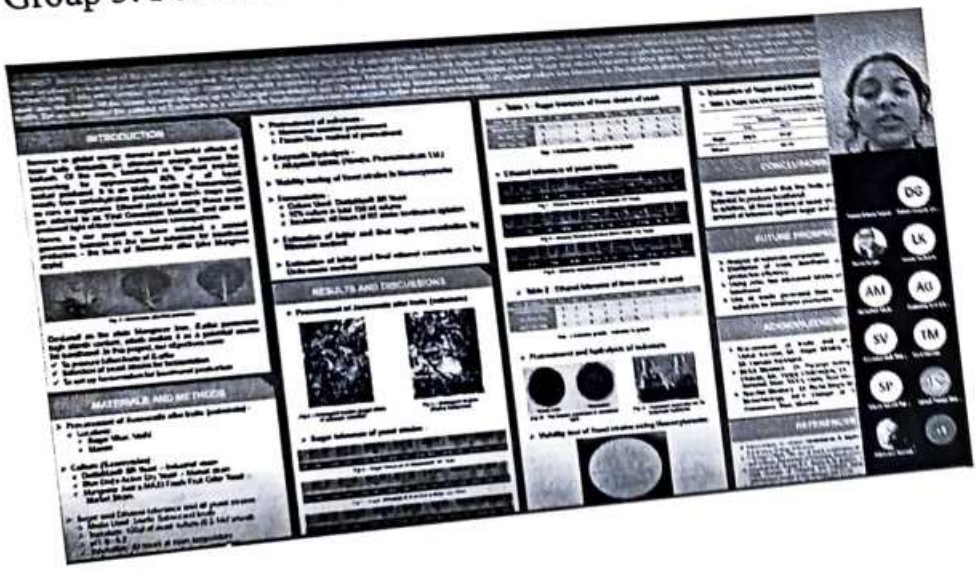
Group 1: Screening of PGP properties



Group 2: A study on dry leaves composting



Group 3: Potential of waste mangrove apples



29.03.2023

Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)

Sion (west), Mumbai-400022.

Physics department Activities 2022-23

Activity-6: department of physics, Training Programme - 8-04-2023 to 12-04-2023

Title: 5 days workshop on " Nuclear Laboratory course ".

Background: This course is designed for S.Y B.Sc students in the field of Nuclear Physics Experiments.

Aims/Objectives : This course covered the following topics: Basic ideas of different kinds of radiation detectors. Physics of Ionization detectors, and types of ionization detectors. Scintillation detector..Detector electronics, Signal processing. Detection process. Lab course, Biasing of detectors, biasing requirements, calibration Collection of spectrum, background spectrum and Analysis of spectrum, calibration and resolution determination.

Location: HBCSE - TIFR, Mumbai.

Target audience /participants with expected number: 8

Date of the activity: 8-04-2023 to 12-04-2023

Name of Resource Persons: Dr. P. K. Joshi

Outcome/Feedback: Students received the participation certificate on successful completion.

Funding if any : -

Annexures :

i. List of Participants

Sr. No.	Students Name
1.	Raghav Chaudhary
2.	D'Souza Reuel Jose
3.	Nupoor Thakur
4.	Naziya Parween

5.	Saziya Parween
6.	Suman Kewat
7.	Vritti Khapne
8.	Ayesha Shaikh

ii. Photographs (Geotagged) -

Report Prepared by : Dr. Vishal Desai

Signature : Vishal Desai
11/07/2023

Signature of HOD

Name: Dr. Vishal Desai

Department: Physics

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Report

A. **Title of the Workshop:** RAMAN EFFECT AND ITS APPLICATION & DEMONSTRATION OF INSTRUMENTS (POTENTIOSTAT & PORTABLE FLUORIMETER'

B. **Background:** During the academic year 2022 – 2023 for the Celebration of National Science Day, Guest Lecture was organized by Science Association in collaboration with Department of Chemistry on **" Raman effect and its Applications and demonstration of instruments (Potentiostat & Portable fluorimeter)"** by Dr. Asim Kumar Maiti Proprietor of Advantek Instrument, Seawoods, Navi Mumbai to explore spectroscopic knowledge on the occasion of National Science Day (28th February 2023) for under graduate and post graduate students.

C. **Aims/Objectives:**
   1) To explain why we celebrate national science day.
   2) To understand the application of Raman Effect.
   3) To broaden students' minds in the field of research.

D. **Location: Room no 08 first floor** and Jr. Chemistry Laboratory SIES College of arts, science, and Commerce (autonomous) Sion (w) Mumbai

E. **Target audience/participants with expected number: UG and PG Students (120)**

F. **Session and name of Resource Persons:**

Dr. Asim Kumar Maiti
Ph.D. from Indian Association for the Cultivation of Science, Kolkata
Postdoc:
1) University of Mainz, Germany,

DAAD Fellowship
2) University of Valencia,
Spain 3) University of
Windsor, Canada Field of
Research:
Raman Spectroscopy, Fluorescence, IR Spectroscopy

G. Schedule:

The program was conducted in S.I.E.S College, Mumbai room no. 8.

It was followed by a question-answer session between the resource person and participants. - Dr. Asim Kumar Maiti discussed why we celebrate national science day. He narrated the inspiring life story of C.V. Raman. He also showed some applications of the Raman Effect in the pharmaceutical field and other fields.

Dr. A.K. Maiti and Mrs Maiti showed students the instrumentation of Potentiostat & Portable Fluorimeter.

Outcome: The feedback of participants reflects the following points:

1. Attend more lectures like this in future
2. Helped opening new ideas and thoughts in the research field.
3. Got to know many applications of Raman Effect.

Funding if any: (NIL)

H. Annexures:

i. List of Participants (attached)

SIES College of Arts, Science & Commerce, Sion (W)

Science Association and Department of Chemistry

A Guest Lecture on "Raman Effect and its Applications & Demonstration of Instruments i) Potentiostat ii) Portable Fluorimeter"

Date: 28-02-2023

Guest Speaker: Dr. A. K. Maiti, Advantek Instruments, Navi Mumbai

ATTENDANCE

Sr. No.	Name of Participant	Department	Signature
1.	Muthu Anusuya. A	Chemistry-MSc II	[signature]
2.	Kavya Kolli	Chemistry MSc II	[signature]
3.	Sakshi Ingle	Chemistry MSC-II	[signature]
4.	Akshata Nikam	Msc II chemistry	[signature]
5.	Siddesh Auti	MSC II chemistry	[signature]
6.	Sankalp Katale	MSc II chemistry	[signature]
7.	Ganesh Chavan	Msc II chemistry	[signature]
8.	Jasran James	Msc II chemistry	[signature]
9.	Pavitra Ankam	Msc II chemistry	Pavi.
10.	Vidya Kamath	Msc II chemistry	[signature]
11.	Shaziya Shayed.	Msc II chemistry	[signature]
12.	Vivek Singh.	MSC I Chemistry	[signature]
13.	Khan Mohammed Alam	"	[signature]
14.	[illegible]	MSC I chemistry	[signature]
15.	Akanksha Singh	MSc I Chemistry	Akanksha
16.	Tiwari Varsha	Msc I chemistry	VARSHA.
17.	Himanik Kasar	MSc II Physics	[signature]
18.	Kaviyarasi J	MSc II Physics	[signature]
19.	Manasi. K. Kotrik	MSC-I Chem.	[signature]
20.	SHRAWANI M. KHARKANDE	MSC-I chem	[signature]
21.	PAL ANAND SURENDRA	BSC-III Y.	[signature]
22.	Irfan Ataurrehman Shaikh	BSC-TY-	[signature]
23.			
24.			
25.			
26.			
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36.	Mahalakshmi Pillai - (MSc Inorganic)	[signature]	
37.	Poonam S. Jogdankar (MSc. Inorganic)	[signature]	
38.	Shakira Sharif Khan (MSc. Inorganic)	[signature]	
39.	Shridev R. Jaiswar (MSc-II Physics)	[signature]	
40.	VARUN BHARATHI (MSc-II (PHY))	[signature]	
41.	KEERTHIKA. NOORTHY (MSc II Inorganic)	[signature]	
42.	Anuj Rajesh gupta	[signature]	
43.	Talha SHAIKH	[signature]	
44.	MUAZZAM SHAIKH	[signature]	
45.	ASMITA HALEKANA	[signature]	
46.	RIYA RANE (MSC Inorganic I)	[signature]	
47.	Abhishe Gupta (BSC) TY	[signature]	
48.	VICKY GANESH SHAH (TYBSC)	[signature]	
49.	VAISHNVI CHANDRAKANT MORE	[signature]	
50.	Athawa Sanjay Shelar	[signature]	
51.	TANISH RANDEEP	[signature]	
52.	JAYALARMI KAMATH	[signature]	
53.	RAFEVA ANSARI	[signature]	
54.	SHOEB AHMED SHAIKH	[signature]	
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	NAME	ROLL.NO	SIGN
83.	[illegible] SS2223281 DivB SYBSc		
84.	[illegible] SS2223277 DivB SYBSC		
85.	[illegible]		
86.	[illegible] FMCHE2223022 MSc Part I		
87.	[illegible] FMCHE2223005 MSc Part I		
88.	Raagini Prathap. Churai (Msc. Part I)	FMCHE2223002	[illegible]
89.	SOWMYA SENTHILVEL	FMCHE2223018	[illegible]
90.	SHINY CHRISTINA DOMINIC SAVIO	FMCHE2223015	[illegible]
91.	NOORBI IRFAN KHAN	FMCHE2223005	[illegible]
92.	SANGEETA. MUTHUPANDI	FMCHE2223022	[illegible]
93.	SONI RAJBHAR OMPRAKASH	FMCHE2223018	[illegible]
94.	VRUTHIKA MANGU	FMCHE2223009	[illegible]
95.	NUPOOR THAKUR	SS2223282	[illegible]
96.	Raghav Choudhary	SS2223274	[illegible]
97.	IFFAT SHAIKH	SS2223256	[illegible]
98.	AMEYA PETER	SS2223257	[illegible]
99.	Satyam Pandey	FMPHY2223012	[illegible]
100.	Soham Balakrishnan	FMPHY2223007	[illegible]
101.	Shriram Iyer	FMPHY2223002	[illegible]
102.	Abhishek Kumar	FMPHY2223001	[illegible]
103.			
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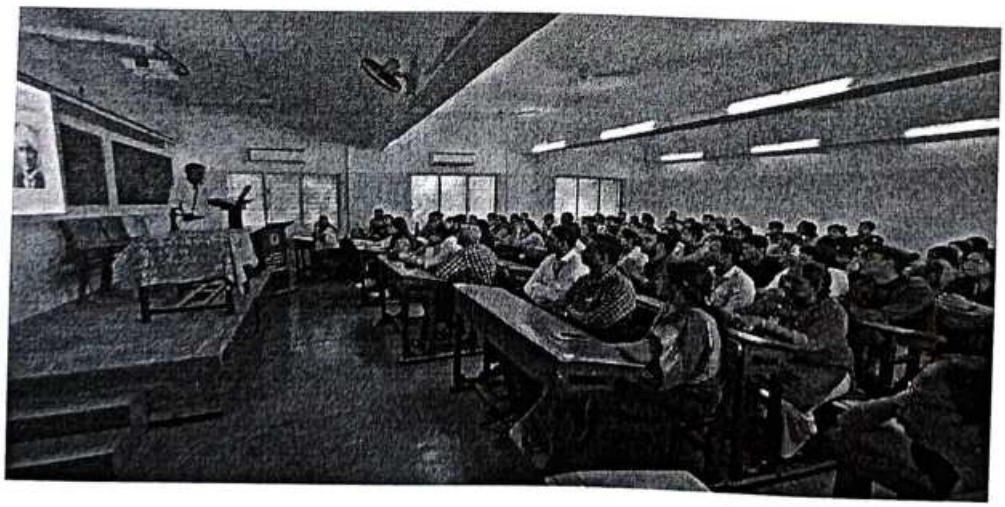
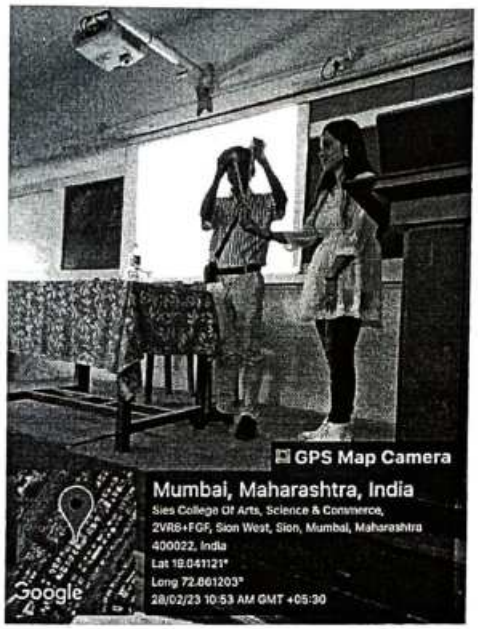
123.			

ii. **Photographs (Geotagged)**




GPS Map Camera
Mumbai, Maharashtra, India
Sies College Of Arts, Science & Commerce,
2VR8+FGF, Sion West, Sion, Mumbai, Maharashtra
400022, India
Lat 19.041121°
Long 72.861203°
28/02/23 10:53 AM GMT +05:30
Google

SIES
College of Arts, Science & Commerce
RISE WITH EDUCATION
"RAMAN EFFECT AND ITS APPLICATIONS"
DEMONSTRATION OF INSTRUMENTS
1) POTENTIOSTAT
2) PORTABLE FLUORIMETER
BY DR. A. K. MAITI
ON THE OCCASION OF NATIONAL SCIENCE DAY
ORGANIZED BY
SCIENCE ASSOCIATION
AND
DEPARTMENT OF CHEMISTRY

GPS Map Camera
Mumbai, Maharashtra, India
Sies College Of Arts, Science & Commerce, 2VR6+FGF,
Sion West, Sion, Mumbai, Maharashtra 400022, India
Lat 19.041094°
Long 72.861177°
28/02/23 10:20 AM GMT +05:30
Google

GPS Map Camera
Mumbai, Maharashtra, India
Sies College Of Arts, Science & Commerce, 2VR6+FGF,
Sion West, Sion, Mumbai, Maharashtra 400022, India
Lat 19.041254°
Long 72.861375°
28/02/23 11:40 AM GMT +05:30
Google

Report Prepared by

Signature:

Name: Dr. Madhav Mane

Department: Chemistry

Designation: Assistant Professor

(Shekar Aiyar)
Signature of HOD

Head Department of Chemistry
S.I.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE
Sion (West), Mumbai -400 022.

Principal
SIES College of Arts, Science &
Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

Department of Economics

Title of the Workshop/Activity: Field Visit to RBI Monetary Museum

Background: The department of economics took TYBA students on a field visit to RBI Monetary Museum at Fort Mumbai for a field visit. Twenty five students from TYBA Economics attended the visit.

Aims/Objectives:

1. To provide an interactive experience of the evolution of the Indian financial system.
2. To introduce students to the functioning of the Indian financial system.

Location: RBI Monetary Museum, Fort, Mumbai

Target audience/participants with expected number: UG students

Date of the activity: December 3, 2022

Name of Resource Persons: NIL (Staff members Sampath V. Sambasivan and Neha Karnik accompanied the students).

Outcome/Feedback: Students gained interactive knowledge regarding the evolution of the Indian financial system. All students who attended the visit opined that it was good and informative.

Funding if any: NIL

Annexures:

i. Photographs (Geotagged)

1. The participants at RBI Monetary Museum

Report Prepared by: Sampath V. Sambasivan

Signature:

Signature of HOD

Name: Sampath V. Sambasivan
Department: Economics
Designation: Assistant Professor

****

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE

RBI MONETARY MUSEUM VISIT

SION (WEST), MUMBAI - 400 022 (Autonomous)

ATTENDANCE SHEET

Class : TYBA Divn. A+B Subject ECONOMICS

Date : 03/12/2022 Time : 1:00 PM

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
1		34		67	
2		35		68	
3		36		69	
4		37		70	
5		38		71	
6		39		72	
7		40		73	
8		41		74	
9		42		75	
10		43		76	
11		44		77	
12		45		278	
13		46		79	
14		47		280	
15		48		281	
16		49		82	
17		50		283	
18		51		84	
19		52		285	
20		53		286	
21		54		87	
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23		56		89	
24		57		290	
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SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department: Environmental Science

A. **Title of the Workshop/Activity:** Visit to Indian Meteorological Department
B. **Background:** For the holistic development of the students experiential learning plays a very important role. Environmental science course includes topics such as meteorology and the study of various instruments used in meteorological data collection. The visit to the department of Meteorology helped the students to experience the working of the instruments and their applications in climatological studies.
C. **Aims/Objectives:** To facilitate the students to experience the functioning of the IMD, introducing them to the working and application of various instruments used in collecting the meteorological data.
D. **Location:** IMD**,** Colaba, Mumbai
E. **Target audience/participants with expected number**: 11 students of FYBSc EVS and 2 faculty members of EVS Department
F. **Date of the activity:** 17th October, 2022
G. **Name of Resource Persons:** Faculty of EVS Department
H. **Outcome/Feedback:** Students experienced the working of meteorological department. They acquired the knowledge of the instruments used in collecting the meteorological data and its functioning.
I. **Funding if any: (Mention the name of the funding agency and amount received): NA**
J. **Annexures:**
   i. List of Participants
   ii. Photographs (Geotagged)

List of Participants

Sr. No	Roll no.	Name of the student
1.	FES2223001	Adiraj Amberkar
2.	FES2223003	Kirti Chonkar
3.	FES2223004	Bhavika Choudhary
4.	FES2223005	Dhiya Geevarghese
5.	FES2223006	Abhishekkumar Gupta

6.	FES2223007	Padmaja Iyer
7.	FES2223008	Chinmay Kalapur
8.	FES2223009	Malavika Azhakesan
9.	FES2223011	Chandrabhan Singh
10.	FES2223013	Roshni Menezes
11.	FES2223014	Jeslyn Kallarakal

List of Faculty

Sr.no	Name of the Faculty
1.	Dr. Vishnuprasad
2.	Ms. Pooja Sawant
3.	Ms. Akshaya Bhosale

Report Prepared by: Ms. Pooja Sawant

Signature:

Signature of HOD
Name: Dr. V. Vishnuprasad
Department: Environmental Science
Designation: Co-ordinator

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department: Environmental Science

A. **Title of the Workshop/Activity:** Excursion to Srushti Farms Resort, Vasind
B. **Background:** For the holistic development of the students experiential learning plays a very important role. Excursion to the Srushti farms was one of them, where the students gained the basic knowledge of cultivated plants and also, they collected the data for their practical by laying the quadrats in a plant community.
C. **Aims/Objectives:** To impart basic knowledge of plants in domesticated environment and the significance of a nature-identical ecosystem for mankind.
D. **Location:** Vasind (Thane district)
E. **Target audience/participants with expected number:** 11 Students of FYBSc EVS and 3 faculty members of EVS Department.
F. **Date of the activity:** 29th December 2022
G. **Name of Resource Persons:** Faculty of EVS department.
H. **Outcome/Feedback:** Students acquired knowledge of plants cultivated in a natural landscape and they also understood the technique of sampling and data collection from a plant community.
I. **Funding if any: (Mention the name of the funding agency and amount received): NA**
J. **Annexures:**
   i. List of Participants
   ii. Photographs (Geotagged)

List of Participants

Sr. No	Roll no.	Name of the student
1.	FES2223001	Adiraj Amberkar
2.	FES2223003	Kirti Chonkar
3.	FES2223004	Bhavika Choudhary
4.	FES2223005	Dhiya Geevarghese
5.	FES2223006	Abhishekkumar Gupta
6.	FES2223007	Padmaja Iyer
7.	FES2223008	Chinmay Kalapur
8.	FES2223009	Malavika Azhakesan
9.	FES2223011	Chandrabhan Singh

10.	FES2223013	Roshni Menezes
11.	FES2223014	Jeslyn Kallarakal

List of Faculty

Sr.no	Name of the Faculty
1.	Dr. Vishnuprasad
2.	Ms. Pooja Sawant
3.	Ms. Akshaya Bhosale

Report Prepared by: Ms. Pooja Sawant

Signature:

Signature of HOD

Name: Dr. V. Vishnuprasad

Department: Environmental Sciences

Designation: Co-ordinator

SIES
RISE WITH EDUCATION
NAAC REACCREDITED - A GRADE

Department of Politics

WORKSHOP

Understanding Urban Governance

Aims/ Objectives:

- To acquaint students about the structure and working of urban government
- To understand the importance of interventions with respect to civic issues

Location: SIES College, Sion West, Mumbai

Target audience/participants with expected number: Students (150)

Date: 22nd November 2022

Resource persons/ Speakers: Mr. Eknath Pawar, Data Manager, Praja Foundation.

Short Description

Mr. Eknath Pawar discussed the salient features of 74th Constitutional Amendment and critical structures and processess of urban government. The workshop focused on creating awareness and encouraging students about the public and individual interventions into civic issues. The workshop primarily focuused on urban sanitation, transport, water supply etc. and civic authority structures handling the issues. He introduced students to the MCGM's 1916 Project (Complaint Redressal System).

The seminar ended with a Q&A session.

Outcomes:

- The students understood the importance of civic issues and public interventions.
- The students were aware of means, structures and methods of resolving or addressing civic issues and concerns.

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Annexures:

i. List of Participants

Orientation workshop on Urban Governance college module Venue: SIES College, Sion (West), Mumbai				Date:-22-11-2022		
Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Pria Abraham	7400117184	abrahampriaa@gmail.com		3.33	
2	Kimaya J. Manchwar	9324381011	manchwarkimaya@gmail		270	
3	Tarmeet Kaur Sehgal	8693872978	tarmeetkaursehgal@gmail.com		304	
4	Divya D. Shetty	9833128925	divyashetty24@gmail.com		83	
5	Noorsaba S. Shaikh	9004429567	noorsabashaikh25@gmail.com		236	
6	Jesna Origit Dijiu	9324364277	jesnadijiub@gmail.com		243	
7	Narmada Swamydas	7039179662	narmadaswamydas@gmail.com	Narmada	261	
8	GRISHA S. POOJARY	7710979359	poojarydd@gmail.com		62	
9	Brabini Arivendran	8879391307	brabiarivendran@gmail.com		242	
10	Omega Jayprakash	9324510685	dollyomega15@gmail.com		253	
11	Blessy Charli rajan	9136871697	blessycharlirajan@gmail.com		248	
12	Pothan H. Pasi	9167350368	pasirothan@gmail.com		Left Early	
13	Asira Shaikh	7021066505	asirashaikh51@gmail.com		235	
14	Laxmi Poojari	8286931311	laxmipoojari1020@gmail.com		234	
15	Rishwa Dedhia	7035360666	rishwaadedhia@gmail.com		103	

Praja Foundation Citizan Engagement program						
Orientation workshop on Urban Governance college module Venue: SIES College, Sion (West), Mumbai				Date:-22-11-2022		
Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	AFRA A. KAZI	7900052821	afrakazi2003@gmail.com		5	1
2	Vrinda Vinod Kokkanath	7715052224	vinodvrinda@gmail.com		5	1
3	Jayshree C. Bhondavi	7045247580	jayshreebhondavi@gmail		5	37
4	RITIKA	7039824241	ritikamidhun@gmail.com		4	99
5	Neelima Naik	9892772853	naikneelima76@gmail.com		4	54
6	Hemlaxmi Chavan	9137749349	hemagentra1104@gmail		5	32
7	Chettiyar preeti	9769087915	chettiyarpreeti97@gmail		4	70
8	Tanvi V. Bangera	8097324898	vvbangera@gmail.com		4	102
9	Marilyn Pinto	9820803585	marilynpinto234@gmail		4	303
10	Niharika Mandhare	9870645890	niraja.kun22@gmail.com		5	274
11	Saimaasa Nizamudhaan	7304440405	skipparsalmaasaan@gmail		5	275
12	Mawbal Kazi	7718972444	mawbal.kazi@gmail.com		5	271
13						
14						
15						

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Praja Foundation Citizen Engagement program

PRAJA.org

Orientation workshop on Urban Governance college module

Venue: SIES College, Sion (West), Mumbai

Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Nikita Pande	9312952417	pandenikita110123@gmail		94	
"	Shruthi Kudhale	9892912606	shruthikudhale@gmail		1.	
"	Kavish Chawari	8652749739	kavishachawari@gmail.com		76	
"	Christina Ashok	8928844690	christinaashok@gmail.com		85	
"	Nusrat Shaikh	7977226269	snusrat6124@gmail.com		281	
"	Lorni Pinai	8928658548	pinaislorni123@gmail.com		248	
"	Arya Mishra	9657430840	mishraarya369@gmail		51	
"	Jeslin Joseph	9867057327	jeslinjosphan03@gmail.com		202	
"	Kavia Ann Mathew	9167206473	kavia@gmail.com		209	
"	Riyamevin Raymon	9821193502	riyamevinraymon@gmail.com		203	
"	Sreelakshmi Rajen	9137035404	rajen.r334@gmail.com		221	
"	Sari Vishwakarma	8928176407	vishwakarma[illegible]		310	
"	Chavadiya Aditi	8104970675	chavadiyaaditi[illegible]		90	
"	Shaikh afraja	9619076310	shaikhafraja98@gmail.com		314	
"						

Praja Foundation Citizen Engagement program

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Orientation workshop on Urban Governance college module

Venue: SIES College, Sion (West), Mumbai

Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Rahul Satya verma	9833405422	rahulverma121020@gmail.com		56	
2	Adith Sudheer	8828534909	adithsudheer123@gmail.com		44	
3	Swayam Deodhar	9833926462	deodharswayam@gmail.com		39	
4	Shivam Dwivedi	7304104628	dwivedi8052@gmail.com		40	
5	Ujwala Baldawa	9325502020	ujwalabaldawa087@gmail.com		75	
6	Yukta Poojary	7738566055	yuktapoojary232@gmail		95	
7	Karthika Padmanabhan	9769039506	karthika9821@gmail.com		91	
8	Nandana Prabhu	9769601221	nprabhu0603@gmail.com		80	
9	Ananya Vinod	8657517128	chuck002008@gmail.com		100	
10	Manmayi Joshi	9167524190	manmayi.j@gmail.com		90	
"	Shraveni Chavan	8369394128	shraveni.chavan04@gmail.com		95	
"	Meenal Bishnoi	7014316238	meenalbishnoi[illegible]		131	
"	Vaishini Sundaravaman	7735726433	vaishini[illegible]@gmail.com		95	
"	Drishi Jain	9619390366	drishijain114@gmail.com		89	
"	Devangi Powar	9969417288	devpawar2123@gmail.com		111	

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Orientation workshop on Urban Governance college module — e-Benefit program

Venue: SIES College, Sion (West), Mumbai — Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Mihir Tallur	9322768809	mihir.tallur@gmail.com		5	117
2	Leza Elizabeth Daniel	9324165676	lezaelizabethdaniel@gmail.com		5	116
3	Shuyl Rachel Daniel	9324137464	shuylrachieldaniel@gmail.com		5	114
4	Srishti Srinivasan	9790912706	srishtisin26@gmail.com		5	116
5	Aaditya Varu	9867308576	aaditypuraru@gmail.com		5	113
6	Harshita Adapalli	9221596203	harshitaada@gmail.com		5	211
7	Aaliya Seekodri	9326269056	aaliyaveeks1@gmail.com		5	213
8	Stacey Singh	9833643709	staceyesingh@gmail.com		5	282
9	Shreya Parekh	8422916921	spshreyaparekh@gmail.com		5	236
10	Sarasvati Chandat	8928563851	sarasvatichandat@gmail.com		5	218
11	NIDHI SAWANT	9004314405	nidhisawant592@gmail.com		5	219
12	Anshika Tiwari	7038113880	anshikat700@gmail.com		4	49
13	Pausangwan Ngaihte	8119979665	sangmanzngaihte@gmail		5	55
14	Gayatri Sridhar	7977924601	gayatrisridhar25@gmail.com		5	132
15	VINIT NAIR	9321533976	vinit0607@gmail.com		4.6?	92

(b)

Praja Foundation Citizen Engagement program

Orientation workshop on Urban Governance college module

Venue: SIES College, Sion (West), Mumbai — Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Anubhav Singh	7208692645	anubhavsingh2-11-2003@gmail.com		252	
2	Vibha Vishwanathan	9045294716	vibhaa1154y253@gmail.com		293	
3	Sreenidhi K.V	8369489497	nidhisree1803@gmail.com		283	
4	Nambiar Dhanshree	9324364116	dhanshreenambiar@gmail.com		93	
5	Eshika Gurav	9969630351	guravshika9@gmail.com		309	
6	Dolores Kanizton	8652933303	dolores24@gmail.com		273	
7	Hanitha Balakrishnan	8424828764	hanitha607701@bvsiss.edu.in		298	
8	Nirajana Dabade	9372676184	nananirajara@gmail.com		300	
9	Riya Gurav	9969358494	riyagurav160@gmail.com		42	
10	Shashyam Ramesh Iyer	9321128658	sashyamiyer@gmail.com		53	
11	Anjali Tiwari	7021744207	anjalitiwa@gmail.com		66	
12	Chinmayi Rane	9952513788	chinmayirane@gmail.com		299	
13	Jalin Jay Parivedan	9136043108	jalinjay2021@gmail.com		265	
14	SHRUTHI NAIDU	8657406732	naidushruthi96@gmail.com		265	
15	PRIYA YADAV	9967195183	yadavpriya3274@gmail.com		263	

SIES
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

Praja Foundation Citizan Engagement program

Orientation workshop on Urban Governance college module
Venue: SIES College, Sion (West), Mumbai
Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Siddhant Pawar	9967394393	pawarsiddhant1999@gmail.com		227	
2	Harsh Kantam	8108239205	harshkantam@gmail.com		4.3	
3	Sumret Bhuwangiri	9372282204	sumretshetty5432@gmail.com		252	
4	Shashank Pillai	9324373341	pillaishashank2@gmail.com		47	
5	Shamal Surve	9769781861	shamalsurve08@gmail.com		249	
6	Francis Fernandes	8369409164	francisfernandes320@gmail.com		41	
7	Shravan Sawant	7100051468	shravan.sawant2001@gmail.com		42	
8	Vanshika Bhalerao	8451896405	vanshikabhalerao@gmail.com		84	
9	Hrishi Raje	7738188733	hrishirajeahir@gmail.com		292	
10	Amaan Qureshi	9321606722	amaanq1048@gmail.com		229	
11	Zaheer Khan	9819906474	ZKHAN9001@gmail.com		29	
12	Samuel Vig	7900166743	samuelvig123@gmail.com		306	
13	Tanvi Tayde	9768645538	taydetanvi33@gmail.com		284	
14	Bhavesh Dhuriya	9920348456	bhaveshdhuriya08@gmail.com		86	
15	Nandanasindra Sajeevan	09869844966	nandanasindra@gmail.com		127	

Praja Foundation Citizan Engagement program

Orientation workshop on Urban Governance college module
Venue: SIES College, Sion (West), Mumbai
Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	NIDHI SUNIL SUNITA	7039610860	nidhisuni103@gmail.com		4	111
2	ANACHA MONCHIAMIU	9820254741	mmanagha@gmail.com		5	161
3	SOHA BORKAR	8369366504	soha borkar@gmail.com		5	235
4	Bansi Patel	7400318171	bansip411@gmail.com		5	213
5	Payasvi Mukadam	9867569004	payasvi.mukadam@gmail.com		5	225
6	Medha Elangovan	9920348469	drmedhaelangovan@gmail.com		5	224
7	Shaikh Farzhana	7039891677	shaikhfarzhana@gmail.com		5	210
8	Sreya Santosh	7021674478	sreyasanthosh14113@gmail.com		5	115
9	Gauri Kosurkar	9400284927	gaurikosurkar@gmail.com		5	30
10	Saumya Nagar	7738267711	nagar.saumya13@gmail.com		5	103
11	Devanga Vivek	9004198015	devandigavivek296@gmail.com		4	154
12	Ankush Jaiswal	8828526515	jaiswalankush84@gmail.com	Ankush	5	133
13	Angela Alfred Tellis	9167356322	angelatellis22@gmail.com		4	65
14	Yadupriya Sanjay Narsale	8651772057	yadupriyanarsale@gmail.com		5	128
15	Tanu Manoj Mishra	9324579018	mishratanumanoj26@gmail.com		5	126

SIES
RISE WITH EDUCATION
NAAC REACCREDITED - A GRADE

Praja Foundation Citizan Engagement program

PRAJA

Orientation workshop on Urban Governance college module

Venue: SIES College, Sion (West), Mumbai

Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Samika Singh	8657246021	2424samika@gmail.com			
2	Nikhil Anjay	9372520015	nikhilkhe@gmail.com		231	
3	Vidhya Sayikrishnan	8369916056	vidhya0238@gmail.com		232	
4	Purba Panje	8928314744	purbapanje15@gmail.com		233	
5	Gauri Kumaria	9324577884	gurichikumi15@gmail.com		258	
6	Tasleen Kaur S.	9833250524	jadeanchgal08@gmail.com		259	
7	Simran Kaur	9323333045	simran1920@gmail.com		301	
8	Shruti Vithalkar	9769263334	shrutivithalkar@gmail.com		205	
9	Prajna Patil	9967831695	patilprajna@gmail.com		237	
10	Shami Ambekar	7400101466	shama3@gmail.com		201	
11	Veronika Kamani	9833514574	veronika32033@gmail.com		210	
12	Girija Talekar	9769847350	girijatalekar19@gmail.com		305	
13	Vaishnavi Gadkari	9156321444	gadkarivaishnavi1@gmail.com		287	
14	Jessica Mendonca	9870264179	jessicam122004@gmail.com		290	
15	Kinjal Gaikar	8879071003	kinjalgaikar@gmail.com		288	

Praja Foundation Citizan Engagement program

PRAJA

Orientation workshop on Urban Governance college module

Venue: SIES College, Sion (West), Mumbai

Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Anaum Parker	9529983208	anaumparker2003@gmail.com			55
2	Gayatri Kori	9969610570	gayatrikori2@gmail.com			125
3	Sumya Mani	7039935567	summani1102@gmail.com		4.4	4
4	Mehjabeen Khan	9653985256	mehjabeenkhan70346		4.4	123
5						
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SIES
RISE WITH EDUCATION
NAAC REACCREDITED - A GRADE

Praja Foundation Citizen Engagement program

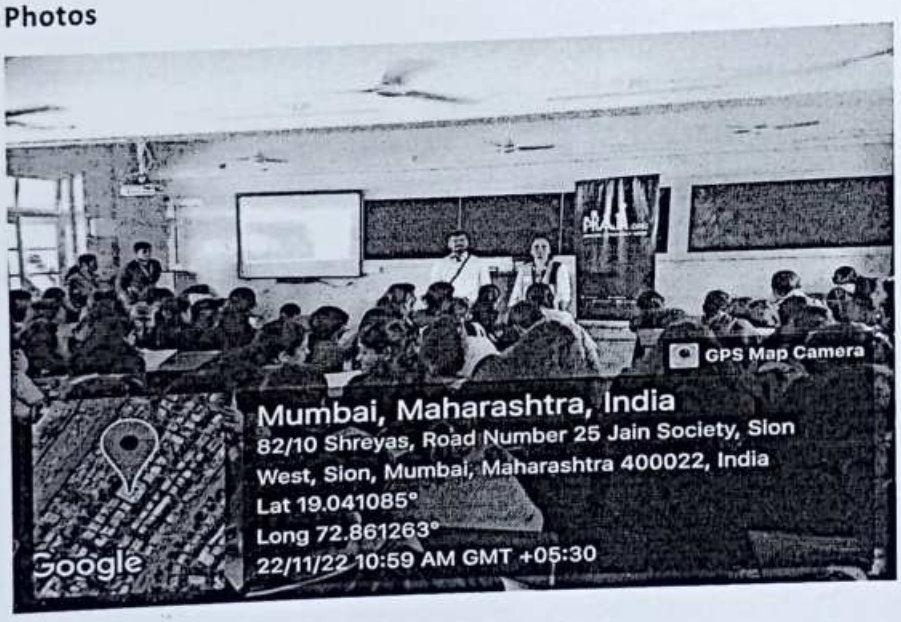
Orientation workshop on Urban Governance college module

Venue: SIES College, Sion (West), Mumbai

Date:-22-11-2022

Sr. No.	Name	Contact Number	Email	Signature	Rate the session out of 5	Newsletter Subscription
1	Arvind Sundaram	9137915468	arvindsundaram2002@gmail.com		4	101
2	Preeti Kamath	8080615103	preetikamath626@gmail.com		5	237
3	Nadar Anita	8591611767	nadaranitha9018@gmail.com		4	41
4	Tishna Pillay	8828380721	tishnapillay3@gmail.com		4	43
5	Niharika shelke	9372566802	niharshelke@gmail.com		4	96
6	Monika Naik	9137076967	naikmonika[illegible]@gmail.com		3.5	60
7	Nandini Nimonker	9892766666	nandininimonker@gmail.com		5	61
8	Renuka Shinde	7738998166	renukashinde063@gmail.com		5	63
9	Vedashree Mahik	9702876551	vedashreemahik[illegible]@gmail.com		5	279
10	Vijay Uoyal	9372682841	vijayuoyal156@gmail.com		5	67
11	Flora Heinie	7715827166	floraheinie@gmail.com		5	87
12	Nadar Venkateshwari	9769038042	[illegible]@gmail.com		4.5	83
13	Noor Sinan Sayed Gulzar	9967895696	shainsc03@gmail.com		5	12
14	Anshita Prasad Gogale	9324897247	anshitagogale@gmail.com		4	122
15						

Photos



Report Prepared by:

Signature:

Name: Ajinkya Gaikwad

Department: Politics

Signature of HOD

Dr. Rashmi Bhure

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Commerce

A. **Title of the Workshop/Activity: Visit to National Stock Exchange**
B. **Background: Field Trip**
C. **Aims/Objectives: To create an opportunity for TY students to learn about various investment opportunities in secondary market and develop knowledge with respect to mutual funds.**
D. **Location: National Stock Exchange, BKC, Mumbai**
E. **Target audience/participants with expected number: 52**
F. **Date of the activity: 30th November, 2022**
G. **Name of Resource Persons: Investment Trainer, HDFC Mutual Fund**
H. **Outcome/Feedback: Students understood the concept and working of investments in equity and mutual funds along with tax implications.**
I. **Funding if any: NA**
J. **Annexures:**
   i. **List of Participants**
   ii. **Photographs (Geotagged)**

Report Prepared by:

Signature:

Name: Krishnan Ramchandran

Department: Commerce

Designation: Assistant Professor

Signature of HOD

Attendance (30th November, 2022)

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
1		34		67	Taib
2		35		68	[illegible]
3		36		69	
4	Sc Rakshi	37		70	Sana
5		38		71	
6	[illegible]	39		72	
7	ANIS	40		73	
8		41	Ash	74	
9	Faiz	42		75	
10		43		76	
11		44		77	
12		45		78	Shivani
13		46	Kaushalya	79	Divya
14		47		80	
15		48	[illegible]	81	
16		49		82	
17		50	Baramita	83	
18		51		84	
19		52		85	
20		53		86	Aditya
21	[illegible]	54	Ashraf	87	
22	[illegible]	55		88	
23	Rohit	56		89	Y. Bhaugh
24		57		90	
25		58		91	
26		59	[illegible]	92	
27		60		93	
28		61		94	
29	Seema	62		95	
30		63	Supriya	96	
31		64		97	
32	Xaib	65		98	
33		66	[illegible]	99	

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
1	Afreen	34		67	
2	Nyth	35		68	
3		36		69	
4	Vaish	37		70	
5		38	Hazel	71	
6		39		72	
7		40		73	
8		41		74	
9		42		75	
10	Veena	43	Okabo	76	Adarsh
11	Tvosi	44		77	
12		45	Vishant	78	
13		46		79	
14		47		80	
15		48		81	
16		49		82	
17		50		83	
18		51		84	
19		52		85	
20		53		86	
21		54		87	
22	Tvi	55		88	
23		56	Fernandes	89	
24		57		90	
25		58		91	
26		59		92	
27		60		93	
28		61		94	
29		62		95	
30		63		96	
31	Shaik	64		97	
32		65		98	
33		66	Kayam	99	

Question No. 9
GPS Map Camera
Mumbai, Maharashtra, India
4, G Block BKC, Bandra Kurla Complex, Bandra East, Mumbai, Maharashtra 400051, India
Lat 19.060608°
Long 72.859662°
30/11/22 04:33 PM GMT +05:30
Google

SIES College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF PSYCHOLOGY

Academic year 2022-23

Report of Guest lecture on 'Anthroposophic Psychotherapy' (6th March 2023)

A. Title of the Guest lecture: Anthroposcopic Psychotherapy

B. Background: Psychology students learn about number of psychotherapies as a part of their curriculum. But Anthroposophic Therapy is a lesser known therapy. This psychotherapy aims at working on a client's body, mind as well as soul. This guest lecture was organized to acquaint students to this therapeutic technique

C. Aims/Objectives: The guest lecture aimed to familiarize participants with the principles and practices of anthroposcopic psychotherapy. It sought to provide insights into the therapeutic techniques used in this approach and emphasize its relevance in understanding the connection between the spiritual and physical aspects of individuals.

D. Location: The guest lecture was held online on MS Teams.

E. Target audience/participants: 34 degree college students attended the same.

F. Name of Resource Person: Ms. Suchitra Inamdar, an experienced practitioner of anthroposcopic psychotherapy, delivered the guest lecture.

H. Outcome/Feedback: The guest lecture received positive feedback from the participants. Attendees found Ms. Suchitra Inamdar's presentation engaging and enlightening, gaining valuable insights into anthroposcopic psychotherapy. Participants appreciated her ability to explain the connection between spirituality and therapy in a comprehensive manner. The interactive nature of the lecture allowed for meaningful discussions and facilitated a deeper understanding of the subject. Attendees expressed interest in further exploring anthroposcopic psychotherapy and its application in their personal and professional lives.

H. Funding if any: None

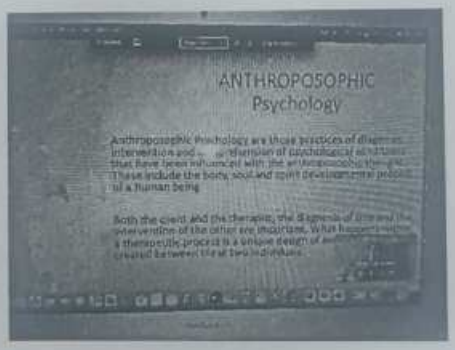
Scanned with OKEN Scanner

I: Annexures:

a) List of participants:

1	Anita Kumar	18	Swarangi Tare
2	Samrah Aqeel Qureshi	19	Anushka Dattatray Patil
3	Sania Poonawalla	20	Adwait
4	Krysha Sharma	21	Riddhi Shah
5	Safia Shoaib Sayed	22	Shalini Sharma
6	Darshini Ganesh	23	Ayman Kazi
7	Yuti Mayur Patel	24	Misha Gada
8	Gayathri Gopakumar	25	Shivani Nitin Sapre
9	Sakshi Rupesh Parekh	26	Melissa Agnes Buthello
10	Anirudh Tata	27	Sharlene Fernandes
11	Pritika Pankaj Kantak	28	Sanika Sanjiv Vedak
12	Pragati Gohil	29	Hemani Kateja
13	Vaishnavi Nambiar	30	Urveez Kakalia
14	Anisha Antony	31	Malvika Gavali
15	Nidhi Prem Rathod	32	Chaitra Sunil Malik
16	Shravani Sawant	33	Sneha Jadhav
17	Raji Ramanujan	34	Chinmayakrishna Shastry

b) Photographs:



Report Prepared by: Ms. Amruta Padhye

Signature: AAP

Signature of HOD:

Name: Ms. Shama Todurkar

Department: Psychology

Designation: Assistant Professor

Signature of Principal

Scanned with OKEN Scanner

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Bioanalytical Sciences

A. **Title of the Workshop/Activity:** "Seminar on Awareness about Intellectual Property Rights"

B. **Background**: A National Intellectual Property Awareness Mission (NIPAM) under the initiative of the Government's "Azadi ka Amrit Mahotsav", was launched by Shri Anurag Jain, Secretary, DPIIT on 8/12/2021. The pan-India ambitious mission aims to provide awareness on intellectual property and its rights to 1 million students. It aims to inculcate the spirit of creativity and innovation to students of higher education (classes 8 to 12) and ignite and inspire the students of college/Universities to innovate and protect their creations. During the launch, Shri. Anurag Jain emphasized the importance of the role of a strong IPR ecosystem in the advancement of a country and how IPR is an important tool for the IP holder to become a "Job giver rather than job seeker". Shri. Rajendra Ratnoo, Joint Secretary, DPIIT and CGPDTM motivated the officers of CGPDTM to spread awareness on intellectual property so that a more conducive environment of innovation and creativity is established in the country. SIES College of Arts, Science and Commerce (Autonomous), Mumbai collaborated with NIPAM to create awareness on Intellectual Property Rights (IPR) for its students which was open to students of other Colleges too.

C. **Aims/Objectives:** To create awareness on Intellectual Property Rights. To give students an idea about career opportunities as a patent officer

D. **Location:** P S Ramaswamy Mini Auditorium

E. **Target audience/participants with expected number:** Under Graduate and Post Graduate students. Expected number: 58

F. **Date of the activity:** 25th March 2023

G. **Name of Resource Persons:** K. Narayanmurthy (Examiner of Patents & Designs, Group 'A' Gazetted NIPAM Officer, Patent Office Mumbai DPIIT, Ministry of Commerce & Industry, Government of India.

H. **Outcome/Feedback:** The seminar talk given by K. Narayanmurthy helped participants understand the concept as well as various types of Intellectual Property Rights. After learning the career opportunity as patent officer, students were interested in learning

about the qualifying examination for the same. 8 students from Ramniranjan Jhunjunwala College of Arts, Science and Commerce (Autonomous), Mumbai making it an Inter-Collegiate event.

I. **Funding if any:** Not Applicable

J. **Annexures:**

i. **List of Participants**

Attendance Record for Seminar on Awareness about Intellectual Property Rights organized by the Department of Biomedical Sciences

Date:

Session Timing:

Sr No	Roll Number	Subject	Ms/ Mr/ Mrs/ Dr	Name	Email address	Signature
1						
2						
3						
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7						
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Sr No	Roll Number	Subject	Ms/ Mr/ Mrs/ Dr	Name	Email address	Signature
21						
22						
23						
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25						
26						
27						
28						
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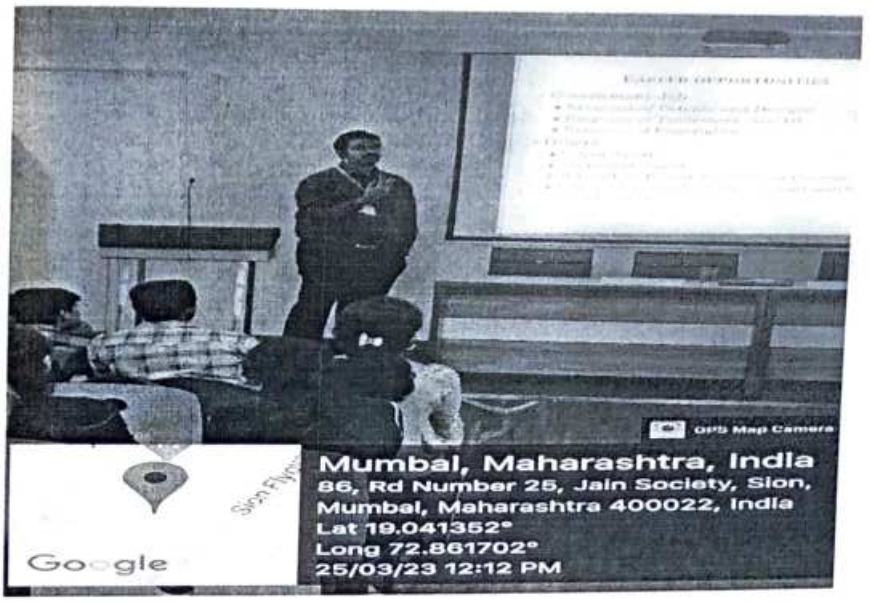
30						

Sr No	Roll Number	Subject	Ms/ Mr/ Mrs/ Dr	Name	Email address	Signature
1.	SM2002223[illegible]	ZOOLOGY	MS	[illegible]	[illegible]	[illegible]
2.	SM200	Zoology	Ms.	Asma Khan	asma85795@ascs.sies.edu.in	[illegible]
3.	SM2223046	Zoology	Mr.	Sankel [illegible]	[illegible]	[illegible]
4.	SM2223051	Botany	Mr	Arnesh Nishad	[illegible]	[illegible]
5	FMBIOANA[illegible]	BIOANALYTICAL SCIENCES	MS	Diksha Swami	dikshaswame@gmail.com	[illegible]
6.	FMBIOANA[illegible]	Bioanalytical	MS.	Diya Dharmesh	diyadharmesh[illegible]@gmail.com	[illegible]
7.	FMBIOANA[illegible]	Bioanalytical	Mr.	Pranjal Sawant	pranjalsawant[illegible]@gmail.com	[illegible]
8.	FMBIOANA[illegible]	Bioanalytical	MS.	Sleffi DeSouza	sleffidsouza[illegible]@gmail.com	[illegible]
9.	FMBIOANA[illegible]	Bioanalytical	MS.	Saniya Shinde	saniyashinde[illegible]@gmail.com	[illegible]
10.	FMBIOANA[illegible]	Bioanalytical	MS.	Anand Anam Ali Hussain	anandanam[illegible]@gmail.com	[illegible]
11.	FMBIOANA[illegible]	Bioanalytical Science	MS	Shruta Dane	shruta[illegible]@gmail.com	[illegible]
12.	FMBIOANA[illegible]	Bioanalytical Sci	MS	Siddhi Sawant	siddhisawant[illegible]@gmail.com	[illegible]
13.	FMBIOANA223016	Bioanalytical Sci	MS	Santosh Chavan	[illegible]@gmail.com	[illegible]
14.	FMBIOANA[illegible]	Bioanalytical	MS	Pritey's Tutor	[illegible]@gmail.com	[illegible]
15.	FMBIOANA[illegible]	Bioanalytical	MS	Hardhan Nishad	[illegible]@gmail.com	[illegible]
16.	FMBIOANA[illegible]	Bioanalytical	MS.	Yogita Bawaskar	bawaskaryogita@gmail.com	[illegible]
17.	FMBIOANA[illegible]	Bioanalytical	MS	Kanjali Vishwakarma	vishwakarma[illegible]@gmail.com	[illegible]
18	FMBIOANA[illegible]	Bioanalytical Science	MS.	Archana Gupta	guptaarchu@gmail.com	[illegible]
19.	FMBIOANA[illegible]	Bioanalytical Sci	MS	Rhea U. Aldever	[illegible]@gmail.com	[illegible]
20.	FMBIOANA[illegible]	Bioanalytical Sci	MS	Rohini Dayal	[illegible]@gmail.com	[illegible]
21	FMBIOANA[illegible]	Bioanalytical Sci	MS	Ryan Kamala	[illegible]@gmail.com	[illegible]
22	FMBIOANA[illegible]	Bioanalytical Sci	MS	Sayali [illegible]	[illegible]@gmail.com	[illegible]
23	FMBIOANA[illegible]	Bioanalytical Sci	MS	Shruti [illegible]	[illegible]@gmail.com	[illegible]
24	FMBIOANA[illegible]	Bioanalytical Sci	MS	Shruti [illegible]	[illegible]@gmail.com	[illegible]
25	FMBIOANA[illegible]	Bioanalytical Sci	MS	Bhanati [illegible]	[illegible]@gmail.com	[illegible]

ii. Photographs (Geotagged)



Report Prepared by: Pracheta S Salunkhe

Signature: Pracheta Salunkhe

Signature of HOD

Name: Pracheta S Salunkhe

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Biochemistry – Food Technology & Nutraceuticals

1. **Title of the Activity:** Industrial Visit to Samyog Foods Pvt Ltd**.**
2. **Background:** 1-day industrial visit was organized as apart of curriculum
3. **Aims/Objectives:** To make students familiarize with food technology and unit operations run in a food industry.
4. **Location:** Koperkhairne, Navi Mumbai
5. **Target audience/participants with expected number:** 18 students & 2 Teachers
6. **Date of the activity:** 26th November 2022
7. **Name of Resource Persons:** Ms. Faheela Sarang
8. **Outcome/Feedback:**
   1. Students were made aware of different machinery that are involving in manufacturing of pasta, khakhra and noodles.
   2. The internal quality control lab was shown and explained about the testing parameters performed on products before being dispatched for marketing.
   3. Students had an opportunity to interact with the founder Mr. Devendra Chawla.
9. **Annexures:**
   i. List of Participants
   ii. Photograph

Report Prepared by: Ms. Kanika Gangapuram

Signature:

Kothekar

SES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Dr Deepali Kothekar
Head-Department of Biochemistry
Co-ordinator-Food Technology and Nutraceuticals

Annexures

List of Participants

1. Abir Sakhakar
2. Aditya Shetty
3. Alokkumar Jaiswar
4. Anshika Gupta
5. Bushra Sayed
6. Deepali Shinde
7. Deepakshi Dubey
8. Dinesh Nadar
9. Jatin Karkera
10. Jyoti Nripa Kalita
11. Mahvish Ghori
12. Meena Ingawale
13. Paul Pinto
14. Prathmesh Satnam
15. Rahul Sarkar
16. Shruthika Karnam
17. Shruti Babar
18. Varsha Shetty

Photograph

Samyog Foods Pvt Ltd,
Koperkhairane, Navi
Mumbai

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
DEPARTMENT OF BIOCHEMISTRY

A. **Title of the Workshop/Activity:** Field Visit to ACTREC, Kharghar on account of ACTREC Open Day (01/12/2022).

B. **Background:** Every year, ACTREC organizes an Open Day to showcase its facilities to the invited group of students and accompanying faculties from science, pharmacy, medical and allied colleges of Mumbai and Navi Mumbai. During these two days, programs are conducted in two sessions (Morning & Afternoon). Each session begins with a poster display on cancer research, various diagnosis and treatment modalities and prevention of cancer, followed by an introductory talk about ACTREC highlighting the Center's research, clinical and academic programs. After the introductory talk, students visit eight laboratories to witness the experiments conducted and observe high-end equipment and their importance in cancer research. The students get an opportunity to see cutting-edge research and a chance to interact with scientists, clinicians, and research scholars.

C. **Aims/Objectives:** The visit was intended to enlighten the students about the on-going research work in the field of cancer and serve as a chance to interact with scientists, clinicians and research scholars. The field visit also aimed at motivating the students towards research and igniting research ideas in the minds of budding researchers.

D. **Location:** Advanced Centre for Treatment, Research & Education in Cancer, Kharghar.

E. **Target audience/participants with expected number:** TY and MSc II students of the Department of Biochemistry. (7 students - MSc II, 3 students- TY BSc Biochemistry)

F. **Date of the activity:** 01/12/2022

G. **Name of Resource Persons: - ACTREC employees - Principal investigators, Research Scholars and Technicians.**

H. **Outcome/Feedback:** The students gave positive feedback stating it was a great learning experience. A chance to interact with scientists and witness the functioning of sophisticated instruments helped students understand the nitty gritty of research. The expected outcome was to inculcate a research mindset. An inclination towards the subject of cancer biology was certainly achieved by the end of the visit.

I. **Funding if any: Nil**

J. **Annexures:**

i. List of Participants

ACTREC OPEN DAY 2022-23

List of Students

Biochemistry Department, Batch A (Thursday, 1st December, Morning Session)

Sr No	Roll No	Name of the student	Contact number
1	SMBCH2223001	Ajaykumar Yadav	8652530740
2	SMBCH2223002	Anagha Nair	8928721902
3	SMBCH2223003	Bhavana Gurram	8879676302
4	SMBCH2223005	Mandira Bhosale	8104692878
5	SMBCH2223011	Yash Salastekar	8879625541

ACTREC OPEN DAY 2022-23

List of Students

Biochemistry Department, Batch B (Thursday, 1st December, Afternoon Session)

Sr No	Roll No	Name of the student	Contact number
1	SMBCH2223004	Chrysanthea Gonsalves	8454056321
2	SMBCH2223007	Sakshi Yadav	9833560950
3	C- 480	Ankita Shenoy	9152628061
4	C- 490	Rachana Machha	9326176878
5	C- 507	Rani Sahu	9321364832

ii. Photographs (Geotagged)

ACTREC Open Day- 01/12/2022 (Afternoon Session);
Biochemistry Department Faculty, Ms Niyati Nair with TYBSc and MSc students

Report Prepared by:

Niyati 02/12/22
Ms Niyati Nair
Department of Biochemistry

Kothekar 02/12/22
Dr Deepali Kothekar
Head- Department of Biochemistry

Head Dept. of Biochemistry
SIES **COLLEGE OF ARTS, SCIENCE &**
COMMERCE, Sion (West), Mumbai-400 022.

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department: DMLT

Hospital Visit

On October 8, 2022, Blood Line Blood Bank in Thane was visited by ADMLT students as well as DMLT Staff Mrs. Jyoti Babar and Reshmi Das as part of a co-curricular activity. Thane is home to the Blood Line Blood Bank, which is well-equipped with all the cutting-edge equipment needed for blood collection. Our students were given a tour of the entire lab by Dr Patil and his colleague, who also described the protocol for blood collection, storage, and transportation. Numerous hospitals in the Thane district received blood from this blood bank, and many volunteers donated blood for the patients. Additionally, ADMLT students watched the several tests that were conducted before the recipient was given blood. There were ten different advanced machines offered in total.

List of Participants:

Roll No.	Student Name
1	Ansari Naila Tabassum Ahsan Ahmed
2	Ansari Taiba Mohammed Farooque
3	Bali Saad Mohammed Anwar
4	Chaturvedi Reetesh Akhilesh
5	Gupta Chhaya Chammanlal
6	Dethe Pratiksha Rajendra
7	Dsouza Swedel Marshall
8	Farhana Bee Abdul Aziz Kabiraj
9	Ghewde Vaishnavi Maruti
10	Gound Jyoti Rajesh
12	Ingvale Sayali Sharad
13	Khalapurkar Sanjana Sunil
14	Khan Mohd Tausif Zafreyab
15	Khan Suraiya Jamal Akhtari
16	Mahek M Kasim Dhansay
17	Maksood Ali Mahmood Ali
18	Marla Dharni Rajeshwarrao
19	Momin Simra Bi Anwar Husain
20	Morajkar Vaishali Vijay
21	Naik Chaitali Sanjay
22	Prajapati Neetesh
23	Qureshi Sana Yunus
24	Abdul Moeed Abdur Rauf
25	Rana Durga Dilip
26	Sabale Shantanu Vijay
27	Sawant Siddhi Arun
28	Ilag Roshani Ganpat
29	Shaikh Muskan Muqeem
30	Shaikh Umme Eaman Ibrar Ahmad
31	Sharma Ekta Ramlalak
32	Shirke Sonali Phulchand
35	Sutar Kajal Pandurang
36	Tambadkar Abhishek Kashinath
37	Vishwakarma Vandana Bankelal
38	Waghambare Gauri Prakash
39	Waje Prajakta Suhas
40	Yadav Ankush Shivshankar

Bloodline
DIAGNOSTIC & IMAGING CENTRE

• WHOLE BLOOD
• PACKED CELL
• RANDOM DONOR
• SINGLE DONOR
• FRESH FROZEN

Report Prepared by: Mrs. Jyoti Babar

Signature:

for

Signature of HOD

Name: Dr. Manju Phadke

Department: DMLT

Designation: Director.

SIES INSTITUTE OF MEDICAL AND LAB TECHNOLOGY SION MUMBAI

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Botany

A. **Title of the Workshop/Activity:** Excursion to Coastal and Marine Biodiversity Centre, Airoli, Navi Mumbai

B. **Background:** As a part of the curriculum, the M.Sc. Botany students were taken to the Coastal and Marine Biodiversity Centre, Airoli in order to impart awareness regarding mangrove ecosystem. This Centre is located among the Airoli mangroves and aims towards conserving the mangrove ecosystem as well as spread knowledge about the biodiversity and importance of mangroves to the common people.

C. **Aims/Objectives:** The broad objective of conducting this visit was to experience the mangrove ecosystem and observe the biodiversity. It also aimed to showcase the extent of degradation in the mangrove and how the conservation efforts are carried out to preserve this vulnerable ecosystem.

D. **Location:** Coastal and Marine Biodiversity Centre, Airoli, Navi Mumbai

E. **Target audience/participants with expected number:** Students – 10; Faculty - 5

F. **Date of the activity:** 22nd February, 2023

G. **Name of Resource Persons:** Faculty of Botany Department

H. **Outcome/Feedback:** The students were thrilled to walk among the mangrove plants and observe their diversity as well as adaptive features. Various flora and fauna among the mangroves were seen and gave clear idea of the functioning of the ecosystem. The interesting ways of imparting knowledge about the mangrove ecosystem by the Centre made it quite fruitful for the learners.

I. **Funding if any: (Mention the name of the funding agency and amount received):** NA

J. **Annexures:**

i. **List of Participants**

No.	Name of Student	Class
1.	Anjali Chaurasiya	M.Sc.-II
2.	Archana Prajapati	M.Sc.-II
3.	Zuber Choudhary	M.Sc.-II
4.	Deepa Goswami	M.Sc.-II

5.	Jessna Shaji	M.Sc.-II
6.	Nargis Khan	M.Sc.-II
7.	Prabhanjan Limaye	M.Sc.-II
8.	Priyanka Prajapati	M.Sc.-II
9.	Raksha Chandan	M.Sc.-II
10.	Shweta Waydande	M.Sc.-II

List of Faculty –

1. Dr. V. Vishnuprasad
2. Miss Snehal Unde
3. Miss Vinaya Patil
4. Miss Sandra Balakrishnan
5. Miss Ruchika Dani

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Name: Dr. V. Vishnuprasad
Department: Botany
Designation: Assistant Professor

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

Hydroponics Workshop Report 2022-23

A. **Title of the Workshop/Activity:** Hydroponics Workshop

B. **Background:** The Department of Botany organized a Demo-workshop on 'Hydroponic cultivation of crops' for students of TYBSc – Horticulture. It included a theory session followed by demonstration.

C. **Aims/Objectives:** The event aimed to give basic idea and demonstration of functioning of hydroponic unit used in plant cultivation.

D. **Location:** Lab No. 2, and College Garden, SIES ASCS (Autonomous)

E. **Target audience/participants with expected number:** 20

F. **Date of the activity:** 28th July 2022 from 10.00 am to 2.00 pm

G. **Name of Resource Persons:** Mr. Shivaji Patange.

H. **Outcome/Feedback:** The students learnt technique of hydroponic cultivation of plants and their maintenance.

I. **Funding if any:** Nil

J. **Annexures:**

i. **List of Participants**

No.	Name of Student	Class
1.	Prasad Nayak	TYBSc
2.	Ankita Singh	TYBSc
3.	Ankita Chauhan	TYBSc
4.	Chaitrali Deshpande	TYBSc
5.	Geethanjali Jayaraj	TYBSc
6.	Sonali Khulam	TYBSc
7.	Shweta Mahankar	TYBSc
8.	Aswathy Nair	TYBSc
9.	Manisha Patel	TYBSc
10.	Farzeen Shaikh	TYBSc
11.	Khan Zeenat Bano	TYBSc
12.	Siddhesh Kolambkar	TYBSc
13.	Krithi Poojary	TYBSc

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

14.	Manasi Shettigar	TYBSc
15.	Ritika Gupta	TYBSc
16.	Manisha Patel	TYBSc
17.	Rachana Maccha	TYBSc
18.	Naijya Naik	TYBSc
19.	Jyotsna Boddu	TYBSc
20.	Sejal Bandel	TYBSc

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Botany

A. **Title of the Workshop/Activity:** Excursion to Karnala Sanctuary and Go Green Nursery, Karnala

B. **Background:** As a part of curriculum, the excursion to a forest area makes the students aware about the distribution and growth patterns of plants in the wild. Besides, visit to a nursery showcases the various aspects of nursery management as a branch of horticulture.

C. **Aims/Objectives:** The broad objective was to enlighten the students about the phytodiversity of Karnala sanctuary and to highlight the different categories of plant species maintained in Go Green Nursery, besides different innovative methods of plant propagation.

D. **Location:** Karnala Sanctuary and Go Green Nursery, Karnala

E. **Target audience/participants with expected number:** Students of SYBSc, TYBSc, M.Sc. Botany – 86; Botany faculty - 5

F. **Date of the activity:** 25th January, 2023

G. **Name of Resource Persons:** Faculty of Botany department

H. **Outcome/Feedback:** Students walked through the Karnala sanctuary and were fascinated to observe the forest flora of different habits. The M.Sc. students learnt sampling technique by laying quadrats and collecting data for biodiversity studies as a part of their practical curriculum. Visit to the Go Green Nursery imparted the knowledge of cultivation of economically useful plants by different methods along with their applications in landscaping.

I. **Funding if any: (Mention the name of the funding agency and amount received):** NA

J. **Annexures:**

i. **List of Participants**

No.	Name of student	Class	M / F & Age
1.	Vaishnavi Nair	FYBSc	F / 18
2.	Shaikh Insha	FYBSc	F / 17

3.	Shaikh Hiba	FYBSc	F / 18
4.	Anushka Pawar	FYBSc	F / 18
5.	Shaikh Unusha	FYBSc	F / 18
6.	Divya Narayan Perumal	FYBSc	F / 18
7.	Shivani Shrivastav	FYBSc	F / 18
8.	Anith Joshiea Martin	FYBSc	F / 19
9.	Vrindha Vijayakumar	FYBSc	F / 18
10.	Madhumitha	FYBSc	F / 18
11.	Sayyed Bushra	FYBSc	F / 19
12.	Venus Michael	FYBSc	F / 18
13.	Misba Fatma	FYBSc	F / 18
14.	Tanisha Bhate	FYBSc	F / 18
15.	Delwin Kunder	FYBSc	M / 18
16.	Ruchi Balmiki	FYBSc	F / 18
17.	Sakshi Sandav	FYBSc	F / 20
18.	Rakshita L. Sherigar	FYBSc	F / 18
19.	Joann Fernandes	FYBSc	F / 19
20.	Bakhar Jawariya	FYBSc	F / 18
21.	Kartik Ambre	FYBSc	M / 19
22.	Meeramayee Panigrahi	FYBSc	F / 18
23.	Nehal Rajesh Jaiswar	FYBSc	F / 18
24.	Ancy Mathew	FYBSc	F / 18
25.	Fatima Shaikh	FYBSc	F / 17
26.	Janhavi Parab	FYBSc	F / 17
27.	Ishwarya Sundar	FYBSc	F / 17
28.	Choudhary Vinod	FYBSc	M / 18
29.	Sanidhya Adhav	FYBSc	F / 18
30.	Priyanjali Soni	FYBSc	F / 18
31.	Hasti Sethia	FYBSc	F / 18
32.	Shruti T. K.	FYBSc	F / 18
33.	Hemant Karotiya	FYBSc	M / 19
34.	Sandhya Konar	FYBSc	F / 18
35.	Aditya D. Rajeshirke	FYBSc	M / 19
36.	Pramina Pilli	FYBSc	F / 19
37.	Smriti Das	FYBSc	F / 19
38.	Multani Saimoon	FYBSc	F / 22
39.	Prathak Gaikwad	FYBSc	M / 18
40.	Kalyani Shetty	FYBSc	F / 21
41.	Harijan Yogeshwari	FYBSc	F / 18

42.	Jagruti Sanjay Adawade	FYBSc	F / 18
43.	Shravani Rajendra Kedare	FYBSc	F / 18
44.	Selvamathi Kamaraj Nadar	FYBSc	F / 18
45.	Khan Tayaba Usman	FYBSc	F / 20
46.	Pasha Swaleha Tanveer	FYBSc	F / 20
47.	Durva Ajit Kulye	FYBSc	F / 18
48.	Reema Kamaluddin Shaikh	FYBSc	F / 18
49.	Shaikh Hadiya Gulam Abid	FYBSc	F / 18
50.	Gautam Nithya Kondan	FYBSc	M / 19
51.	Aakriti M. Bhagira	FYBSc	F / 19
52.	Neha Suresh Pandey	FYBSc	F / 18
53.	Sandhiya Maniselvan D.	FYBSc	F / 19
54.	Choudhary Tehreem	FYBSc	F / 17
55.	Jatin R. Rathod	FYBSc	M / 18
56.	Esha Gupta	FYBSc	F / 18
57.	Khan Kahekasha Mohd. Sajjad	FYBSc	F / 18
58.	Agnes Divya M.	FYBSc	F / 18
59.	Vrutika	FYBSc	F / 21
60.	Gracy Swami	FYBSc	F / 18
61.	Aanchal Jaiswal	FYBSc	F / 18
62.	Priyadarshani Vishnu Vanniyar	FYBSc	F / 18
63.	Tasleem Banu	FYBSc	F / 18
64.	Shreya Jaiswar	FYBSc	F / 18
65.	Shruti Gupta	FYBSc	F / 18
66.	Subiksha Yadav	SYBSc	F / 19
67.	Vazishta R. Mahuvawala	SYBSc	F / 20
68.	Rajni R. Patwa	SYBSc	F / 19
69.	Shaikh Kaneez Fatima	SYBSc	F / 18
70.	Sanket Anil Khambe	SYBSc	M / 19
71.	Vedant Rajesh Khokrale	SYBSc	M / 19
72.	Vidula Salgaonkar	SYBSc	F / 19
73.	Bhagyesh Lakhan	SYBSc	M / 19
74.	Abarna	SYBSc	F / 18
75.	Kunjal Chauhan	SYBSc	F / 19
76.	Arshi Khan	SYBSc	F / 19
77.	Priya Vishwakarma	SYBSc	F / 20
78.	Farzeen Shaikh	TYBSc	F / 20
79.	Prasad Nayak	TYBSc	M / 20
80.	Jane Jesline Tryphosa Raj	MSc - I	F / 21

81.	Vishnu D. Gondhale	MSc - I	M / 22
82.	Kajal Ganesh Bejjanki	MSc - I	F / 23
83.	Archana Prajapati	MSc - II	F / 21
84.	Anjali Chaurasiya	MSc - II	F / 22
85.	Shweta M. Waydande	MSc - II	F / 23
86.	Jessna Shaji	MSc - II	F / 22

List of Faculty: -

1. Dr. V. Vishnuprasad
2. Miss Snehal Unde
3. Mrs. Sakshi
4. Miss Vinaya Patil
5. Miss Sandra Balakrishnan

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Name: Dr. V. Vishnuprasad

Department: Botany

Designation: Assistant Professor

Dr. Mahavir Gosavi

Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

Mahabaleshwar, Panchgani & Wai Excursion Report 2022-23

A. **Title of the Workshop/Activity:** Excursion to Mahabaleshwar, Panchgani and Wai

B. **Background:** As a part of the curriculum, the SYBSc and TYBSc Botany students were taken on field excursion to Mahabaleshwar, Panchgani and Wai.

C. **Aims/Objectives:** The broad objective of conducting this visit was to introduce the students to the local as well as exotic flora of Mahabaleshwar. It was also aimed to expose students to research institutes, horticultural industries, and gardens of Mahabaleshwar and Panchgani. Students visited Wheat Rust Research Institute, Pratap Singh Horticultural Garden, Mapro gardens and Mala horticultural processing unit.

D. **Location:** Mahabaleshwar, Panchgani and Wai

E. **Target audience/participants with expected number:** Students: 43; Faculty: 3

F. **Date of the activity:** 5th to 8th January 2023

G. **Name of Resource Persons:** Nil

H. **Outcome/Feedback:** The students enjoyed learning about the biodiversity of the places visited. A list of rare and interesting plants was compiled by the students which made it very easy for them to identify those plants in the future. It gave them opportunity to observe and study stages of Wheat rust fungus (*Puccinia graminis tritici*). They appreciated the unique, and exotic plants in addition to the rich local flora of Mahabaleshwar. They got the opportunity to observe the horticultural processing units – Mala and Mapro gardens.

I. **Funding if any:** NA

J. **Annexures:**

i. **List of Participants:**

Sr. No.	Class	Roll No.	Name of the student
1	SYBSc - CB	SS2223020	Stanislaus Nimosha
2	SYBSc - CB	SS2223021	Sukanthi Chandrasekar
3	SYBSc - CB	SS2223023	Yadav Anjali Jayprakash
4	SYBSc - CB	SS2223024	Arockia Brightny Jeyakumar
5	SYBSc - CB	SS2223025	Diksha Sunil Dethe
6	SYBSc - CB	SS2223027	Anjitha Radhakrishnan
7	SYBSc - BZ	SS2223036	Begare Sumeeta Vivekanand

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

8	SYBSc - BZ	SS2223037	Vijay Chauhan
9	SYBSc - BZ	SS2223038	Dhruv Sharad Humne
10	SYBSc - BZ	SS2223039	Bhavna Deepak Kale
11	SYBSc - BZ	SS2223040	Sanket Khambe
12	SYBSc - BZ	SS2223044	Vedant Rajesh Khokrale
13	SYBSc - BZ	SS2223045	Talicia lobo
14	SYBSc - BZ	SS2223046	Vazishta Mahuvawala
15	SYBSc - BZ	SS2223047	Mokshada A Mali
16	SYBSc - BZ	SS2223048	Manakijyothi Bhaskar
17	SYBSc - BZ	SS2223051	Aaryan Dharmshi Nakum
18	SYBSc - BZ	SS2223053	Avinash Shekhar Nishad
19	SYBSc - BZ	SS2223055	Shaikh Meenaz
20	SYBSc - BZ	SS2223056	Shaikh Mehekh Badvisha
21	SYBSc - BZ	SS2223057	Soni Kanak Kumari
22	SYBSc - BZ	SS2223066	Shraddha Nandepalli
23	SYBSc - BMi	SS2223204	Vallari shailesh deorukhkar
24	SYBSc - BMi	SS2223205	Keerthika Senthivel
25	SYBSc - BMi	SS2223206	Vasagi Kartivel
26	TYBSc (6U)	TS2223437	Prasad Nayak
27	TYBSc (6U)	TS2223438	Ankita Kamlesh Singh
28	TYBSc (6U)	TS2223439	Ankita Laldhar Chauhan
29	TYBSc (6U)	TS2223440	Chaitrali Deshpande
30	TYBSc (6U)	TS2223441	Geetanjali Jayraj
31	TYBSc (6U)	TS2223442	Sonali Anant Khulam
32	TYBSc (6U)	TS2223443	Shweta Sanjay Mahankar
33	TYBSc (6U)	TS2223444	Aswathy Muraleedharan Nair
34	TYBSc (6U)	TS2223447	Shaikh Simran Hussain
35	TYBSc (6U)	TS2223448	Manisha Bhagirath Patel
36	TYBSc (3U)	TS2223519	Pavithra Kalirathinam
37	MSc I	FMBOT2223003	Rukhsar Abdul Rahman Idrisi
38	MSc I	FMBOT2223005	Afrrin Khan
39	MSc I	FMBOT2223006	Felshia Nadar
40	MSc I	FMBOT2223007	Nadar Jeba Reshma
41	MSc I	FMBOT2223008	Raghavi Vasanth Kumar
42	MSc II	SMBOT2223006	Nargis Rais Khan
43	MSc II	SMBOT2223009	Priyanka Prajapati

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

List of Teachers:

Sr. No.	Name of the Teacher
1.	Dr. Mahavir Gosavi (Head, Dept. of Botany)
2.	Dr. (Mrs.) Neeraja Tutakne (Staff Member)
3.	Mr. Prafulla Toraskar (Field Collector)

ii. Photographs (Geotagged)

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department: Botany

A. **Title of the Workshop/Activity:** National webinar on Myco-Drug Development and Future Prospects of Fungal Systematics

B. **Background:** The Department of Botany, in collaboration with the Association of Fungal Biologists, organized a national webinar on Myco-Drug Development and Future Prospects of Fungal Systematics. Held on 18th February 2023, this webinar brought together leading experts in the field to delve into the fascinating realm of fungal metabolites in drug development and explore the future of fungal systematics.

Dr. Sanjai Saxena, a distinguished professor in the Department of Biotechnology at Thapar Institute of Engineering & Technology and the Founder & CSO of AGPHARM BIOINNOVATIONS LLP in Patiala, Punjab, was the first invited speaker. Dr. Saxena shared his expertise on "Fungal Metabolites in Drug Development," shedding light on the significant contributions of fungal metabolites in the discovery and development of novel therapeutics. His talk showcased the immense potential of fungi in producing bioactive compounds with diverse applications in medicine and healthcare.

The second speaker, Dr. Belle Damodara Shenoy, Principal Scientist at CSIR-National Institute of Oceanography Regional Centre in Visakhapatnam, Andhra Pradesh, India, presented on the "Future of Fungal Systematics." Dr. Shenoy's presentation explored the evolving field of fungal systematics, discussing emerging techniques, technologies, and approaches in fungal taxonomy, classification, and identification. The talk provided insights into the importance of accurate fungal systematics for various applications, including drug discovery, agriculture, and conservation.

C. **Aims/Objectives:** The national webinar aimed to bridge the gap between academia, industry, and researchers in the field of mycology. It provided a platform for knowledge dissemination, encouraging discussions on the latest research trends, challenges, and prospects in myco-drug development and fungal systematics. Participants, including scientists, academicians, students, and industry professionals, had the opportunity to gain valuable insights, exchange ideas, and explore collaborative avenues in this rapidly advancing field.

The webinar aimed to inspire and empower the scientific community to harness the immense potential of fungi for drug discovery, emphasizing the need for interdisciplinary collaborations, innovative approaches, and advancements in fungal systematics. By showcasing groundbreaking research and future directions, the event aimed to contribute to the overall understanding and application of fungi in various sectors, including healthcare, biotechnology, and environmental sustainability.

D. Location: MS Teams Platform

E. Target audience/participants with expected number: Students (UG and PG), Research Scholars, Faculty and Scientists; Expected number: 252

F. Date of the activity: 18/02/2022

G. Name of Resource Persons:

- Dr. Sanjai Saxena, a distinguished professor in the Department of Biotechnology at Thapar Institute of Engineering & Technology and the Founder & CSO of AGPHARM BIOINNOVATIONS LLP in Patiala, Punjab, was the first invited speaker. Dr. Saxena shared his expertise on 'Fungal Metabolites in Drug Development'.
- Dr. Belle Damodara Shenoy, Principal Scientist at CSIR-National Institute of Oceanography Regional Centre in Visakhapatnam, Andhra Pradesh, India, presented on the 'Future of Fungal Systematics'.

Outcome/Feedback: The successful organization of this national webinar demonstrated the commitment of the Department of Botany and the Association of Fungal Biologists to promote knowledge sharing, collaboration, and advancements in the field of mycology. It laid the foundation for future initiatives, research collaborations, and interdisciplinary partnerships to explore the untapped potential of fungi in drug development and fungal systematics.

H. Funding if any: (Mention the name of the funding agency and amount received): NA

I. Annexures:

i. List of Participants

Sr. No.		Name of the Participant	Affiliation	Category
1.	Dr.	Sashirekha Sureshkumar	Mithibai College	Faculty
2.	Ms.	Poojashree Nagappa Kummur	Karnataka University, Dharwad	Research Scholar
3.	Dr.	Umamaheshwari S	JSS Academy of Higher Education & Research	Faculty
4.	Dr.	J Sangeetha	Central University of Kerala	Faculty
5.	Mrs.	Rasmi E	Central University of Kerala	Research Scholar
6.	Dr.	K. Hari Prasad	MVS Government Arts and Science College (A), Mahaboobnagar, Telangana.	Faculty

7.	Dr.	Abhinav Aeron	DAV PG College, Muzaffarnagar	Faculty
8.	Dr.	Romana Mirdhe	Bi Bi Raza Degree college for Women, Khajabandanawaz	Faculty
9.	Ms.	R. Sheril Sheeba	University of Madras	Student
10.	Mr.	Sanjay Yadav	Banaras Hindu University	Research Scholar
11.	Dr.	Shalini Paliwal	Kamla Nehru Mahavidyalaya, Nagpur	Faculty
12.	Mrs.	Akhila Raj	St.Thomas College	Student
13.	Ms.	Ms. Arti Shrivas	All India Institute Of Medical Sciences Bhopal	Student
14.	Ms.	Mridusmita bora	Gauhati University	Student
15.	Dr.	Dr	Pondicherry University	Others
16.	Dr.	Vijay Kumar Yadav	Dayandand Vedic College Orai	Faculty
17.	Ms.	Aishika Das	West Bengal State University	Student
18.	Mr.	Kshitij Singh	St. Xavier's College, Mumbai	Student
19.	Dr.	Satnam Singh Sohal	M D College	Faculty
20.	Mr.	Pushkar Bharti	Thapar Institute of Engineering and Technology	Research Scholar
21.	Mr.	Parmeshwar Pandit Bansode	College of agriculture business Management, Narayangaon	Faculty
22.	Ms.	Ankita Arora	Thapar Institute of Engineering and Technology	Research Scholar
23.	Dr.	Dandale Sujata Nandkumar	Dr.Panjabrao Deshmukh Krishi Vidyapeeth Akola Maharashtra	Others
24.	Dr.	Lakshmi Girish	Smt Chandibai Himathmal Mansukhani College	Faculty
25.	Ms.	Neha Nidhi Tirkey	JN College	Faculty
26.	Ms.	Shreya Gupta	Thapar Institute of Engineering and Technology	Research Scholar
27.	Ms.	Bagul Vishakha Kashinath	Mahatma Phule Agriculture University Rahuri Dist -Ahemadnagar Maharashtra	Research Scholar
28.	Dr.	Vagish Dwibedi	Agriculture research organization ministry of Israel Volcani centre Israel	Research Scholar
29.	Ms.	Anisetti Suryakumari	SVU college of sciences	Student
30.	Dr.	Sandeep Singh	Kanya Maha Vidyalaya, Jalandhar	Faculty
31.	Ms.	Dhanshree Annasaheb Bachkar	Mahatma Phule Krishi Vidyapeeth Rahuri, Ahmednagar, Maharashtra - 413722	Research Scholar
32.	Dr.	Shilpa A Verekar	Parle Agro Pvt Ltd	Others
33.	Ms.	Sudha L S	Government Home science college	Faculty

			holenarsipura taluk, Hassan District	
34.	Mr.	Yogesh Kumar	Suresh Gyan Vihar University,Jaipur	Research Scholar
35.	Ms.	Debarati Mukhopadhyay	Guru Nanak Khalsa College of Arts Science and Commerce	Student
36.	Ms.	Pujari Sukanya	SV University, Tirupati	Student
37.	Dr.	Umesh B. Kakde	The Institute of Science, Mumbai	Faculty
38.	Mr.	Vijay Panjabrao Shinde	College of Agriculture VNMKV Parbhani	Research Scholar
39.	Dr.	Ashwajit A. Fulzele	S. M. Mohota College Of Science, Nagpur	Faculty
40.	Dr.	Varsha Nimbalkar	Sarhad College of Arts, Commerce and Science, Pune	Research Scholar
41.	Mr.	Deepak Kumar Maurya	Agharkar Research Institute, Pune	Research Scholar
42.	Mr.	Sayyad Amin Gulabbhai	Ahmednagar College Ahmednagar	Research Scholar
43.	Mr.	Vedavyas Shivanand Chavan	Karnatak University	Research Scholar
44.	Mr.	Ganesh Eknath Gore	SPPU Pune.	Research Scholar
45.	Ms.	Gurleen Kaur Sodhi	Thapar Institute of Engineering and Technology, Patiala, Punjab	Research Scholar
46.	Ms.	Dipali Vilas Rajmane	Smt. C.H.M. COLLEGE ULASNAGAR	Research Scholar
47.	Ms.	Nishtha yadaw	Guru Ghasidas Vishwavidyalaya	Research Scholar
48.	Ms.	Anjumnisa Rashid Ahmed	Shree Mathuradas Mohota College Of Science	Student
49.	Dr.	Dr Lokesh Gambhir	SGRR University	Faculty
50.	Dr.	Biju Haridas	KSCSTE-JNTBGRI	Faculty
51.	Ms.	Snehal Sudhir Biranje	Rajaram College, Kolhapur	Research Scholar
52.	Mr.	Rahul Gondhali	Saikrupa College of Agriculture Ghargaon Tal-Shrigonda Dist-Ahmednagar	Faculty
53.	Mrs.	Vijayalaxami Sahebrao Shelke	S.S.V.P.S.College, Dhule	Research Scholar
54.	Mr.	U. Muthuvel	Saraswathi Narayanan College	Research Scholar
55.	Mr.	Akshay Krushna Chavan	The Institute Of Science, Mumbai	Research Scholar
56.	Mr.	Adarsh Dayanand Shettigar	Goa State Forensic Science Laboratory	Faculty

57.	Dr.	Dr Sunita Nachiket Jadhav	Rajaram college Kolhapur Maharashtra	Research Scholar
58.	Dr.	Lal Sahab Yadav	Smt. CHMC Ulhasnagar 03	Faculty
59.	Mr.	Kshirsagar Yogesh Eknath	Department of Botany Savitribai Phule Pune University Pune	Research Scholar
60.	Ms.	Hasti Sethia	SIES College	Student
61.	Dr.	Dr R Ranjani	Sri Venkateswara University Tirupati	Faculty
62.	Dr.	Narendra Shahare	Brijlal. Biyani Science College Amravati	Faculty
63.	Dr.	Vishnu Vaze	Uttan vanaushadhi sanshodhan sanstha	Research Scholar
64.	Ms.	Lakshmi C R	Department of studies in Botany, Manasa Gangotri, Mysore.	Student
65.	Ms.	Kavyashree K	Department of Studies in Botany, University of Mysore	Research Scholar
66.	Mr.	Pranay Dayanand More	Uttan Vanaushadhi Sanshodhan Sanstha	Research Scholar
67.	Dr.	Sunil Kumar Deshmukh	Geenvention Biotech Pune	Others
68.	Mrs.	Ankita Pokhriyal	Sgrr university	Research Scholar
69.	Mrs.	Sakshi	SIES College of Arts, Science and Commerce (Autonomous), Sion (W), Mumbai	Faculty
70.	Dr.	Suruchi Kadu	Brijlal Biyani Science College Amravati	Faculty
71.	Dr.	Sanjeev Kumar	Govt. Higher Secondary School Bhalra, Bhaderwah, J&K (UT)	Faculty
72.	Ms.	Jyoti Milind Pawar	S.S.V.P.S.'s L.K. Dr. P. R. G. Ghogrey Science College Dhule	Research Scholar
73.	Dr.	Ramdas Chandrabhan Agale	MGM Nanasaheb Kadam College of Agriculture, Gandheli, Dist. Aurangabad	Faculty
74.	Mr.	Vedant Khokrale	Sies college of Science Commerce and Arts	Student
75.	Dr.	Vaishali Sudhakar Nirmalkar	K.M.E Society's G.M.Momin Women's College, Bhiwandi	Faculty
76.	Mr.	Patnam jaswanth	Jkc collage , guntur	Student
77.	Dr.	Paras Nath Singh	Agharkar Research Institute Pune	Others
78.	Dr.	Ashwini Govindrao Patil	CSMSS College of Agriculture, Kanchanwadi, Dist. Aurangabad (MS)	Faculty
79.	Dr.	Sarita Hajirnis	Satish Pradhan Dnyanasadhana College Thane	Faculty
80.	Mr.	Vaibhav Kodlinge	Annasaheb Awate College, Manchar,	Research

			pune	Scholar
81.	Ms.	Komal Kishor Mhaske	Satish Pradhan Dnayanasadhna College Thane	Faculty
82.	Ms.	Ms. Shakti Jha	Satish Pradhan Dnyanasadhana College	Faculty
83.	Ms.	Prajakta Ananda Varale	Kirti M.Doongursee College Dadar	Faculty
84.	Dr.	Vineet Meshram	The Volcani Institute, Agricultural Research Organization. Rishon LeZIon, Israel	Research Scholar
85.	Mrs.	Dr. Mamta Sahu	Dr. C. V. Raman University Kota, Bilaspur (Chhattisgarh)	Faculty
86.	Ms.	Medha Timmanna Bhat	Davanagere University	Research Scholar
87.	Ms.	Saptamita Biswas	St. Xavier's College Autonomous Kolkata	Student
88.	Dr.	Neha Kapoor	Suresh Gyan vihar university, jaipur	Faculty
89.	Mr.	Pravin Udaram Dulare	Bhalerao Science College Saoner	Faculty
90.	Dr.	Pradnya Abasaheb Mane	Mudhoji College Phaltan	Faculty
91.	Dr.	Santosh Kumar Jha	Jawaharlal Nehru Rajkeeya Mahavidyalaya, Port Blair	Faculty
92.	Dr.	Aithal Sadanand Vishweshwar	Vai. Dhunda Maharaj Degloorkar College, Degloor	Faculty
93.	Ms.	Abinaya S	Bannari Amman Institute of Technology	Student
94.	Ms.	Monishha S	Bannari Amman Institute Of Technology	Student
95.	Ms.	Sangita Dnyanoba Aradwad	ORS Latur	Others
96.	Mrs.	Shruti Gauresh Savardekar	Goa State Forensic Science Laboratory,Goa	Others
97.	Ms.	Kumavat shweta suresh.	Agharkar research institute	Research Scholar
98.	Mr.	Pratick Singha	Bharathidasan University	Student
99.	Ms.	Hemalatha T	Bannari Amman Institute Of Technology	Student
100.	Ms.	Ithi Gupta	Guru Ghasidas University	Research Scholar
101.	Ms.	Simran Panigatti	Karnatak University Dharwad	Research Scholar
102.	Mrs.	Sherin Varghese	School of Biosciences, Mahatma Gandhi University, Kottayam, Kerala, India.	Research Scholar
103.	Dr.	Sabeena A.	KSCSTE-JNTBGRI	Faculty
104.	Dr.	Pranay Jain	University Institute of Engineering and	Faculty

			Technology Kurukshetra University Kurukshetra Haryana	
105.	Dr.	Ananda K	Poornaprajna Institute of Scientific Research	Faculty
106.	Ms.	Malavika B	Reva University	Student
107.	Dr.	Ninad Dharkar	S.P.M.Science And Gilani Arts Commerce College Ghatanji	Faculty
108.	Ms.	Sruthi O P	Agharkar Research Institute Pune	Research Scholar
109.	Dr.	D. Meena S. Rao	R. K. Talreja College of Arts, Science and Commerce, Ulhasnagar-421003	Faculty
110.	Ms.	Diksha Dubey	Pt. Ravishankar Shukla University, Raipur	Student
111.	Dr.	Darshana Avinash Patil	Smt. C. H. M. College, Ulhasnagar	Faculty
112.	Dr.	Mahesh Borde	Savitribai Phule Pune University	Faculty
113.	Mrs.	Prof Aasia Rashid Bhat	Govt P G College Rajouri	Faculty
114.	Ms.	Jane Jesline Tryphosa Raj	SIES	Student
115.	Mr.	Malhar C. Pingle	Mgmihs School Of Physiotherapy Medical College	Student
116.	Ms.	Pravina Sanjayrao Barde	Dr. BSKKV Dapoli	Student
117.	Dr.	Ravindra Ashok Karande	Department of plant Pathology, RCSM, College of Agriculture Kolhapur, MPKV RAHURI	Faculty
118.	Ms.	Raghavi Vasanth Kumar	SIES College of Arts Science and Commerce	Student
119.	Ms.	Carol Braggs	SIESASCS	Faculty
120.	Mrs.	Sheetal vats	TIET	Research Scholar
121.	Ms.	Jayashree Gaikwad	Sathaye College(Autonomous)	Faculty
122.	Ms.	Ritika Gupta	SIES College of Arts, Science and Commerce	Student
123.	Ms.	Lanke Rutuja Raju	College of Agriculture, Kolhapur	Student
124.	Dr.	Revathi Lakshmi S	Ayya Nadar Janaki Ammal college, Sivakasi	Faculty
125.	Ms.	Shah Shama Parveen Nazakat	Smt. CHM College Ulhasanagar	Research Scholar
126.	Dr.	Dr. Shivani Chauhan	College of Horticulture and Forestry, Neri, UHF, Hamirpur, H. P.	Faculty
127.	Dr.	Hemlata Nishad	Dr. C. V. Raman University kargi road kota Bilaspur Chhattisgarh	Faculty
128.	Mr.	Diptesh Ganesh Sawant	dyanansadhana coilege .Thane	Student

129.	Dr.	Awanish Kumar Gupta	Aakash Institute	Faculty
130.	Mr.	Syam Prasad	Government degree College	Faculty
131.	Ms.	Shubhada umesh phopale	Uttan vanaushadhi sanshodhan sanstha	Others
132.	Dr.	Vijay Vardhan Pandey	Government Opium and Alkaloid Works, Ghazipur, Uttar Pradesh	Others
133.	Dr.	Somanath Behera	Dept of Forest, Environment and Climate change, Govt of Odisha	Others
134.	Dr.	Dr. Santharam katta	REVA University	Faculty
135.	Dr.	Kishor Hanumant Nimbalkar	Saikrupa College of Agriculture, Ghargaon	Faculty
136.	Mr.	Deshmukh Aniruddha Govind	PGI,Akola	Research Scholar
137.	Ms.	Malika Suthar	Agharkar Research Institute, Pune	Research Scholar
138.	Dr.	Pratibha Pandey	Dr C.V Raman University	Faculty
139.	Mr.	Laxmikant Sahu	Pt.Ravishankar shukla university,S.o.S.in Biotechnology,Raipur,C.G.	Student
140.	Dr.	Paras Nath Singh	Agharkar Research Institute, Pune	Others
141.	Dr.	D. Jayarama Bhat	King Saud University, Riyadh, Saudi Arabia	Faculty
142.	Mr.	Rajaram Chettiyar	Sies college of arts science and commerce	Student
143.	Mrs.	Shaikh Rihana Akil	New Arts Commerce and Science college, Parner.	Faculty
144.	Ms.	Ramandeep Kaur	Thapar institute of engineering and technology, patiala	Research Scholar
145.	Ms.	Eyram Hamid	Glocal University, Saharanpur India	Research Scholar
146.	Ms.	Insha Hameed	Indira Gandhi national open university	Student
147.	Ms.	Supriya Pandey	Department of Botany, St. Andrew's Post Graduate College, Gorakhpur - 273001	Research Scholar
148.	Mr.	Fakhare Do Alam	Department of Botany St. Andrew's Post Graduate college Gorakhpur-273001	Research Scholar
149.	Dr.	Neeraj Srivastava	Department of Botany, St. Andrew's Post-Graduate College, Gorakhpur, Uttar Pradesh	Faculty
150.	Mr.	Abhishek pratap	Department of botany St. Andrew's post graduate college gorakhpur-273001	Research Scholar
151.	Mr.	Manik Rameshrao Lajurkar	Rajarshee Chhatrapati Shahu Maharaj College of Agriculture, Kolhapur	Student

152.	Dr.	Nidhi Gupta	Forest Research Institute, Dehradun	Research Scholar
153.	Mr.	Jadhav Sachin Dadarao	Shri Pundlik Maharaj Mahavidyalaya Nandura(Rly) Dist. Buldana	Faculty
154.	Dr.	Shaikh Ruhina Shaheen Mohd Abdul Haque	Nalanda College, Aurangabad	Faculty
155.	Ms.	Nandini singh	Sage University	Student
156.	Ms.	ManjulaPrema	JKC college guntur	Student
157.	Dr.	Deepa Verma	Vishnu Waman Thakur Charitable Trust's Bhaskar Waman Thakur College of Science, Yashvant Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts (VIVA College)	Faculty
158.	Mr.	P.Sridhar	University of Madras	Research Scholar
159.	Dr.	Ashwin Gajra	RIL	Others
160.	Ms.	Alisha Milind Pimple	DES Kirti N Doongursee college Dadar	Faculty
161.	Ms.	Tejaswi Dhiver	Pt. Ravishankar Shukla University, Raipur Chhattisgarh	Student
162.	Mrs.	Asınita Prashant Raut	Sonopant Dandekar college, Palghar	Faculty
163.	Mrs.	Priyanka Parashar	pT. jln govt college faridabad	Faculty
164.	Ms.	Santhika J	bannari ammman institute of technology	Student
165.	Ms.	Gnana Asmi V	Bannari Amman Institute Of Technology	Student
166.	Mr.	Sunil Kumar P	Bannari Amman Institute Of Technology	Student
167.	Mr.	Jeeva.S	Bannari Amman Institute Of Technology , Sathyamangalam.	Student
168.	Mr.	Elango K	Bannari Amman Institute Of Technology	Student
169.	Dr.	Dr R C Upadhyay	Directorate of mushroom research Solan	Others
170.	Mr.	Nikhil Dilip Ashtekar	Agharkar Research Institute	Research Scholar
171.	Mr.	Hari Prasad	Bannari Amman Institute Of Technology	Student
172.	Ms.	Ruchika Dani	S.I.E.S College Of Arts, Science And Commerce	Faculty
173.	Mr.	Janarthanan K	Bannari Amman Institute Of Technology	Student
174.	Ms.	Saavi Parnami	Thapar University	Student
175.	Dr.	Mahesh Bholehar Jagtap	PSGVPM's SIP Arts, GBP Science and STKVS Commerce College, Shahada,	Faculty

			Dist. Nandurbar	
176.	Mrs.	Ashwini Aniruddha Deshpande	SIES College of ASC(Autonomous), SION WEST	Faculty
177.	Dr.	Sonali Vasant Lonkar	Hon.B.J.College, Ale	Faculty
178.	Dr.	Rachana Birje	D. G. Ruparel College	Faculty
179.	Dr.	Durga Ray	St Aloysius College (Autonomous) Jabalpur-MP	Faculty
180.	Ms.	Vinaya Vasant Patil	SIES College of Arts, Science and Commerce (Autonomous)	Faculty
181.	Ms.	Shilpa Kundalik Bhujbal.	Satish Pradhan Dnyanasadhana college, Thane	Others
182.	Ms.	Anjali Yadav	Suresh Gyan Vihar University, Jaipur	Student
183.	Ms.	Karthika M	Goverment Victoria College,Palakkad-Kerala	Research Scholar
184.	Ms.	Shweta Kumari	Suresh Gyan Vihar University	Student
185.	Ms.	Shashi Bala Kumari	Suresh Gyan vihar university	Student
186.	Mrs.	Pooja Kapoor	Graphic Era (Deemed to be University), Dehradun, Uttarakhand	Research Scholar
187.	Dr.	Mahavir Gosavi	SIES College of Arts, Science and Commerce, Autonomous.	Faculty
188.	Mrs.	Reedhu Raj	Govt. Victoria College, Palakkad	Faculty
189.	Mr.	V. Vijaya Kumar	The Madura College Madurai, Tamil Nadu, India	Research Scholar
190.	Ms.	Krutika Amar Kamble	RCSM College of Agriculture Kolhapur	Student
191.	Ms.	Shweta sanjay mahankar	Sies college of arts ,science and commerce	Student
192.	Mr.	Shivam Ravindra Malekar	Sathaye college	Student
193.	Ms.	Sonali Khulam	SIES College of Arts, Commerce and science . Sion(W)	Student
194.	Mr.	Pravin Gopalkrishna Nayak	Ramniranjan Jhunjhunwala College	Faculty
195.	Ms.	Nargis Rais Khan	SIES	Student
196.	Ms.	Priyamvada Bajpai Mphil Scholar	Awadhesh Pratap Singh University Rewa (Madhya Pradesh)	Student
197.	Ms.	Gunjan Thakur	Forest Research Institute	Others
198.	Mrs.	Meena Thapliyal	Shri Guru Ram Rai university, patelnagar,	Research Scholar
199.	Mr.	Omkar Gaikwad	Sathaye college	Student
200.	Mr.	Saurabh Bhogale	Kirti M.Doongursee College	Faculty
201.	Ms.	Surbhi Pandey	Guru Ghasidas Vishwavidyalaya Bilaspur Chhattisgarh	Research Scholar

202.	Dr.	Anindita Nan	MDM college, Kolkata	Faculty
203.	Dr.	Rajesh Jadhav	D.G.Ruparel College	Faculty
204.	Dr.	Chinyerum Gloria Ikechi-Nwogu	University of Port Harcourt Choba Nigeria	Research Scholar
205.	Ms.	Anita Parsekar	Parvatibai Chowgule College of Arts and Science, Autonomous	Faculty
206.	Ms.	Jigitsa Mitthalbhai Patel	Department of Biology B.K.M Science College Valsad	Research Scholar
207.	Mr.	Nikhil Dilip Ashtekar	Agharkar Research Institute	Research Scholar
208.	Dr.	Dr. Syed Abrar	Khaja Bandanawaz University	Faculty
209.	Ms.	Jain Mary Jose	Kscste- Kerala Forest Research Institute	Student
210.	Dr.	Shambhu Kumar	KFRI	Faculty
211.	Mr.	Sudarsi Goutham	Jkc	Student
212.	Dr.	Nimmy Elizabeth George	Pondicherry Institute of Medical Sciences	Student
213.	Mr.	K sai reddy	Jkc college, Guntur	Student
214.	Mr.	CH jaswanth	Jkc college, guntur	Student
215.	Ms.	Shagun Sharma	Gurukula Kangri Deemed to be University Haridwar Uttarakhand	Research Scholar
216.	Ms.	A. Aishwarya	Alagappa College of Technology, Anna University	Student
217.	Ms.	Roopa S Patil	Maharani Lakshmi Ammanni College Bangalore	Student
218.	Ms.	Mrinalini Chandra Mohan	NCBS	Others
219.	Dr.	Sanghamitra Dey	Presidency University, Kolkata	Faculty
220.	Mr.	Vaibhav Moreshwar Sakharkar	Ambuja cement Foundation	Faculty
221.	Mrs.	Mufeeda K T	Kerala Forest Research Institute	Research Scholar
222.	Dr.	Neeraja S. Tutakne	SIES College Autonomius Sion West Mumbai	Faculty
223.	Ms.	Vanama Sowmya	Professor jayashankar telangana state agriculture University	Research Scholar
224.	Ms.	Meka Avanija	Professor Jayashankar Telangana state agriculture University	Student
225.	Mr.	Bhukya Srinivas	PJTSAU	Research Scholar
226.	Dr.	Dr. Jitendra Kumar	Chandigarh University Mohali	Faculty
227.	Ms.	Hirali Dilipkumar Patel	School Of Science, Department Of Botany, Bioinformatics, Climate Change & Impact Management, Gujarat	Research Scholar

			University	
228.	Ms.	Putta Bhargavi	PJTSAU	Student
229.	Ms.	Lopamudra Giri	Professor Jayshankar Telangana state University	Student
230.	Ms.	MeghanaDeva	PJTSAU	Student
231.	Ms.	Aditi Gupta	Pt. Ravishankar Shukla University, Raipur (Chhattisgarh)	Research Scholar
232.	Mr.	Kushal Banerjee	Kalinga University, Raipur, Chhattisgarh	Faculty
233.	Dr.	Jasmine	Zoological Survey of India	Faculty
234.	Mr.	Bhavanesh	Bharathiar university	Student
235.	Mrs.	Sweta Dave	Late Bindeshwari Baghel Govt College Kumhari	Faculty
236.	Ms.	Sneha Lad	Agharkar Research Institute	Others
237.	Dr.	Dr Sheetal Choudhary	Department of Molecular Biology And Genetic Engineering, R. T. M. Nagpur University	Others
238.	Dr.	R. Sanjay	The American College	Faculty
239.	Mr.	Shahin shajahan	Pondicherry University	Student
240.	Mrs.	Larissa Danielle Menezes	Goa University	Research Scholar
241.	Mr.	Sampathkumar M R	University of Mysore	Research Scholar
242.	Dr.	B. Vidyasagar	Prof. Jayasankar Telangana State Agricultural University	Faculty
243.	Ms.	Priya Prajapati	Pt. Ravishankar Shukla University, Raipur	Student
244.	Ms.	Farzeen Shaikh	SIES College Of Arts Science And Commerce Autonomous Sion West	Student
245.	Dr.	Amirreza Amirmijani	University of Jiroft, Iran	Faculty
246.	Ms.	Sanjana Krishnakumar	St. Xavier's College (Autonomous)	Student
247.	Ms.	Jessna Shaji	SIES College of Arts, Science and Commerce, Sion (W)	Student
248.	Ms.	Ms.Shakti Jha	Satish Pradhan Dnyanasadhana College	Student
249.	Ms.	Gauri Ashok Raut	R.C.S.M College Of Agriculture, Kolhapur	Student
250.	Ms.	Monica Devesh Sharma	CHM College, ulhasnagar.	Research Scholar
251.	Mr.	Boddu Ratnakar	Pharmaceutical	Student
252.	Ms.	Kripa T S	Kerala Forest Research Institute	Research Scholar

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Name: Mrs. Sakshi

Department: Botany

Designation: Assistant Professor

Dr. Mahavir Gosavi

Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Botany

A. **Title of the Workshop/Activity:** Excursion to Palasdhari

B. **Background:** Palasdhari is a quaint village situated ahead of Karjat and has picturesque landscape with undulating land, small ponds and waterfalls. It forms a perfect location in the monsoon to observe rich diverse flora in the wild. A one-day excursion to this place was conducted for the students of SYBSc, TYBSc and M.Sc.-I as per their curriculum.

C. **Aims/Objectives:** The broad objective of conducting an excursion during monsoon in a countryside village and nearby forest is to showcase the floristic diversity of various groups of plants, especially the seasonal ones in their natural habitat.

D. **Location:** Palasdhari, near Karjat

E. **Target audience/participants with expected number:** Students – 78; Faculty - 8

F. **Date of the activity:** 16th August, 2022

G. **Name of Resource Persons:** Faculty of Botany

H. **Outcome/Feedback:** Students got aware about abundant floral diversity in the wilderness, especially the seasonal plants. It also highlighted the various adaptations shown by plants for best survival in the wild.

I. **Funding if any: (Mention the name of the funding agency and amount received)**

J. **Annexures:**

i. **List of Participants**

No.	Name of Student	Class
1.	Soundarya Kamtam	SYBSc
2.	Latisha Parab	SYBSc
3.	Prabhakani Sivalingam	SYBSc
4.	Pranali Durairaj	SYBSc
5.	Nimosha Stanislaus	SYBSc
6.	Sukanthi Chandrasekar	SYBSc
7.	Rohit Vayada	SYBSc
8.	Anjali Yadav	SYBSc
9.	Arockia Brightny	SYBSc
10.	Diksha Dethe	SYBSc

11.	Vinod Jaiswar	SYBSc
12.	Anjitha Balakrishna	SYBSc
13.	Sumeeta Begare	SYBSc
14.	Vijay Chauhan	SYBSc
15.	Dhruv Hume	SYBSc
16.	Bhavana Kale	SYBSc
17.	Sanket Khambe	SYBSc
18.	Khan Arshi	SYBSc
19.	Khan Saba	SYBSc
20.	Khan Zarqa	SYBSc
21.	Vedant Khokrale	SYBSc
22.	Talicia Lobo	SYBSc
23.	Vazishta Mahuvawala	SYBSc
24.	Mokshada Mali	SYBSc
25.	Manakijyoti Bhaskar	SYBSc
26.	Dency Nadar	SYBSc
27.	Somlata Nagar	SYBSc
28.	Aaryan Nakum	SYBSc
29.	Leeja Nayak	SYBSc
30.	Avinash Nishad	SYBSc
31.	Fatima Shaikh	SYBSc
32.	Meenaz Shaikh	SYBSc
33.	Shaikh Mehekh	SYBSc
34.	Soni Kanak	SYBSc
35.	Priya Vishwakarma	SYBSc
36.	Jyoti Laxmi Yadav	SYBSc
37.	Subiksha Yadav	SYBSc
38.	Jyoti Ragutla	SYBSc
39.	Noor Fatima	SYBSc
40.	Faiza Shaikh	SYBSc
41.	Aqsa Shaikh	SYBSc
42.	Azka Shahid	SYBSc
43.	Shaikh Zoya	SYBSc
44.	Rajni Patwa	SYBSc
45.	Shraddha Nandeapalli	SYBSc
46.	Abarna B.	SYBSc
47.	Ansari Sana	SYBSc
48.	Kunjal Chauhan	SYBSc
49.	Vallari Deorukhkar	SYBSc
50.	Keerthika Senthivel	SYBSc
51.	Vasagi K. M.	SYBSc
52.	Zaheera Pathan	SYBSc
53.	Vidula Salgaonkar	SYBSc
54.	Mahera Shaikh	SYBSc
55.	Shamitha Anilkumar	SYBSc

56.	Syed Falak Rehma	SYBSc
57.	Bhagyesh Lakhan	SYBSc
58.	Prasad Nayak	TYBSc
59.	Ankita Singh	TYBSc
60.	Ankita Chauhan	TYBSc
61.	Chaitrali Deshpande	TYBSc
62.	Geethanjali Jayaraj	TYBSc
63.	Sonali Khulam	TYBSc
64.	Shweta Mahankar	TYBSc
65.	Aswathy Nair	TYBSc
66.	Manisha Patel	TYBSc
67.	Farzeen Shaikh	TYBSc
68.	Mamata Panigrahi	TYBSc
69.	Pavithra Kalirathinam	TYBSc
70.	Nadar Jeba Reshma	M.Sc.-I
71.	Raghavi Vasanth Kumar	M.Sc.-I
72.	Vishnu Gondhale	M.Sc.-I
73.	Felishia Nadar	M.Sc.-I
74.	Kajal Bejjanki	M.Sc.-I
75.	Jesline Jane	M.Sc.-I
76.	Shaikh Afasa	M.Sc.-I
77.	Aafrin Khan	M.Sc.-I
78.	Rukhsar Idrisi	M.Sc.-I

List of Faculty –

1. Dr. Mahavir Gosavi
2. Mrs. Ashwini Deshpande
3. Dr. Neeraja Tutakne
4. Dr. V. Vishnuprasad
5. Miss Snehal Unde
6. Mrs. Sakshi
7. Miss Vinaya Patil
8. Mr. Praful Toraskar

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Name: Dr. V. Vishnuprasad

Department: Botany

Designation: Assistant Professor

Dr. Mahavir Gosavi

Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Botany

A. **Title of the Workshop/Activity:** Visit to BMC Flower show at Veermata Jijabai Bhosale Udyan, Byculla

B. **Background:** As a part of the curriculum, the T.Y.B.Sc. Botany Applied component (Horticulture) students were taken to the annual fruit and flower show at Veermata Jijabai Bhosale Udyan, Byculla to familiarize the students to common fruiting and flowering plants used in day-to-day life. This show is organized by the Brihanmumbai Mahanagar Palika annually to spread awareness about plants among the masses.

C. **Aims/Objectives:** The broad objective of conducting this visit was to expose the students to flowers, fruits and crop plants that are economically important to us. Another aim of this visit was to introduce students to different techniques in horticulture such as bonsai making, landscaping, flower arrangements, fruit/vegetable carving, etc.

D. **Location:** Veer Jijamata Bhosale Udyan (Rani Baug), Byculla, Mumbai

E. **Target audience/participants with expected number:** Students – 22; Faculty - 3

F. **Date of the activity:** 4th February, 2023

G. **Name of Resource Persons:** Faculty of Botany Department

H. **Outcome/Feedback:** The students were thrilled to see a variety of different plants used for ornamental purposes. They learnt various techniques of gardening, landscaping, and decorative techniques such as bonsai making, flower arrangements, etc. The students also observed several crop plants which made them understand more about our food sources. Many themes of environmental conservation were also evident among the landscapes which inspired the students to make their own contribution towards saving the environment.

I. **Funding if any: (Mention the name of the funding agency and amount received):** NA

J. **Annexures:**

i. **List of Participants**

No.	Name of Student	Class
1	Ankita Singh	T.Y.B.Sc.
2	Chaitrali Deshpande	T.Y.B.Sc.

3	Geethanjali Jayraj	T.Y.B.Sc.
4	Sonali Khulam	T.Y.B.Sc.
5	Shweta Mahankar	T.Y.B.Sc.
6	Aswathy Nair	T.Y.B.Sc.
7	Naziya Bano Ansari	T.Y.B.Sc.
8	Shaikh Simran	T.Y.B.Sc.
9	Farzeen Shaikh	T.Y.B.Sc.
10	Khan Zeenat Bano	T.Y.B.Sc.
11	Siddhesh Kolambkar	T.Y.B.Sc.
12	Krithi Poojary	T.Y.B.Sc.
13	Sahaya Steffie	T.Y.B.Sc.
14	Shaikh Shabina	T.Y.B.Sc.
15	Manasi Shettigar	T.Y.B.Sc.
16	Vidhi Thakur	T.Y.B.Sc.
17	Pooja Yadav	T.Y.B.Sc.
18	Nirmiti Tanpure	T.Y.B.Sc.
19	Ritika Gupta	T.Y.B.Sc.
20	Mamata Panigrahi	T.Y.B.Sc.
21	Pavithra Kalirathinam	T.Y.B.Sc.
22	Sanket Khambe	S.Y.B.Sc.

List of Faculty –

1. Miss Snehal Unde
2. Mrs. Sakshi
3. Miss Vinaya Patil

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Name: Miss Snehal Unde

Department: Botany

Designation: Assistant Professor

Dr. Mahavir Gosavi

Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Botany

A. **Title of the Workshop/Activity:** Excursion to Rani Baug, Byculla

B. **Background:** As a part of the curriculum, the T.Y.B.Sc. Botany Applied Component (Horticulture) students were taken to the Veermata Jijabai Bhosale Udyan (Rani Baug) to observe various garden locations, landscaping techniques and plants in this unique garden. Rani Baug is a botanical garden and zoo located at Byculla, in the heart of Mumbai city. This garden houses many unique, rare, and exotic plants in addition to the rich local flora of the city. Few old and heritage trees are also planted in this garden which are more than a century old.

C. **Aims/Objectives:** The broad objective of conducting this visit was to introduce the students to local as well as exotic flora of this beautiful and vast botanical garden. It was also aimed to expose students to various techniques of gardening and beautification of urban landscapes. Another objective was to observe and appreciate the old heritage trees in the garden.

D. **Location:** Veer Jijamata Bhosale Udyan (Rani Baug), Byculla, Mumbai

E. **Target audience/participants with expected number:** Students - 30; Faculty - 5

F. **Date of the activity:** 9th August 2022

G. **Name of Resource Persons:** Faculty of Botany Department

H. **Outcome/Feedback:** The students enjoyed learning about the diversity of trees at Rani Baug. A list of rare and interesting plants was compiled by the students which made it very easy for them to identify those plants in the future. The students were thrilled to observe the inter-relationships between plants and animals like birds, insects, etc. in an urban ecosystem. The students also learnt the importance of green cover in a metropolitan setting like Mumbai city; they also understood the ecosystem services provided by trees.

I. **Funding if any: (Mention the name of the funding agency and amount received):** NA

J. Annexures:

i. List of Participants:

No.	Name of Student	Class
1.	Nayak Prasad Ganapathi	T.Y.B.Sc.
2.	Ankita Singh	T.Y.B.Sc.
3.	Ankita Chauhan	T.Y.B.Sc.
4.	Chaitrali Deshpande	T.Y.B.Sc.
5.	Geethanjali Jayraj	T.Y.B.Sc.
6.	Sonali Khulam	T.Y.B.Sc.
7.	Shweta Mahankar	T.Y.B.Sc.
8.	Aswathy Nair	T.Y.B.Sc.
9.	Naziya Bano Ansari	T.Y.B.Sc.
10.	Sajida Ansari	T.Y.B.Sc.
11.	Shaikh Simran	T.Y.B.Sc.
12.	Manisha Patel	T.Y.B.Sc.
13.	Farzeen Shaikh	T.Y.B.Sc.
14.	Khan Zeenat Bano	T.Y.B.Sc.
15.	Siddhesh Kolambkar	T.Y.B.Sc.
16.	Krithi Poojary	T.Y.B.Sc.
17.	Sahaya Steffie	T.Y.B.Sc.
18.	Shaikh Shabina	T.Y.B.Sc.
19.	Manasi Shettigar	T.Y.B.Sc.
20.	Vidhi Thakur	T.Y.B.Sc.
21.	Pooja Yadav	T.Y.B.Sc.
22.	Sejal Bandel	T.Y.B.Sc.
23.	Jyotsna Boddu	T.Y.B.Sc.
24.	Rachana Machha	T.Y.B.Sc.
25.	Naijya Naik	T.Y.B.Sc.
26.	Nirmiti Tanpure	T.Y.B.Sc.
27.	Ritika Gupta	T.Y.B.Sc.
28.	Mamata Panigrahi	T.Y.B.Sc.
29.	Pavithra Kalirathinam	T.Y.B.Sc.
30.	Sanket Khambe	S.Y.B.Sc.

List of Faculty –

1. Dr. V. Vishnuprasad
2. Miss Snehal Unde
3. Mrs. Sakshi
4. Miss Sandra Balakrishnan
5. Miss Ruchika Dani

ii. Photographs (Geotagged)

Report Prepared by:

Signature:

Name: Miss Snehal Unde

Department: Botany

Designation: Assistant Professor

Dr. Mahavir Gosavi

Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

Terrarium Workshop Report 2022-23

A. **Title of the Workshop/Activity:** Terrarium Workshop

B. **Background:** The Department of Botany organized a hands-on training workshop on 'Terrarium making' for students of TYBSc – Horticulture. It included theory session followed by hands-on experience.

C. **Aims/Objectives:** The event aimed to give hands-on training on Terrarium making.

D. **Location:** Lab No. 2, SIES ASCS (Autonomous)

E. **Target audience/participants with expected number:** 22

F. **Date of the activity:** 8th July 2022 from 8.00 am to 2.00 pm

G. **Name of Resource Persons:** Dr. Neeraja S. Tutakne and Ms. Namrata Chavhan

H. **Outcome/Feedback:** The students enjoyed the event and learnt hands-on experience of terrarium preparation, its maintenance and sale.

I. **Funding if any:** Nil

J. **Annexures:**

i. **List of Participants**

No.	Name of Student	Class
1.	Prasad Nayak	TYBSc
2.	Ankita Singh	TYBSc
3.	Ankita Chauhan	TYBSc
4.	Chaitrali Deshpande	TYBSc
5.	Geethanjali Jayaraj	TYBSc
6.	Sonali Khulam	TYBSc
7.	Shweta Mahankar	TYBSc
8.	Aswathy Nair	TYBSc
9.	Manisha Patel	TYBSc
10.	Simran Shaikh	TYBSc
11.	Nazya Khan	TYBSc
12.	Farzeen Shaikh	TYBSc
13.	Khan Zeenat Bano	TYBSc
14.	Siddhesh Kolambkar	TYBSc

Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

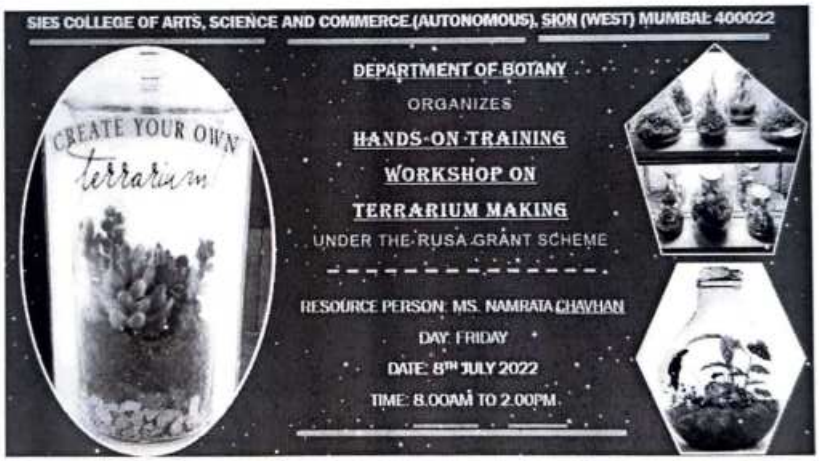
RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DEPARTMENT OF BOTANY

15.	Krithi Poojary	TYBSc
16.	Manasi Shettigar	TYBSc
17.	Ritika Gupta	TYBSc
18.	Manisha Patel	TYBSc
19.	Rachana Maccha	TYBSc
20.	Naijya Naik	TYBSc
21.	Jyotsna Boddu	TYBSc
22.	Sejal Bandel	TYBSc

ii. **Photograph:** Workshop Flyer and Terrarium prepared by students



Report Prepared by:
Signature:
Name: Dr. Neeraja Tutakne
Department: Botany
Designation: Assistant Prof. in Botany

Dr. Mahavir Gosavi
Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Bioanalytical Sciences

A. **Title of the Workshop/Activity:** *'Concept Based Learning'* – A Research-Based Pedagogy Tool to impart training and develop skills in Instrumentation and Bioanalytical Techniques

B. **Background:** Conventional teaching-learning pedagogy, especially in science class activities, involves routine following of instructions by students given to them by teachers, leading to a lack of learning, development, and training of laboratory skills. A student's approach is mechanical without making use of creative thought in why and how a scientific experiment is performed. Therefore, instead of having a conventional and pedagogic approach, this workshop attempts to have a creative and innovative concept-based learning approach with an inquiry-based interdisciplinary curriculum centering on the principle that students should actually do science themselves. 'Winter School: A School of Unlearning conducted the workshop on "Concept Based Learning" to impart training of laboratory instruments/ equipment to students and to impart fresh skills for the application of instruments.

C. **Aims/Objectives:** To create awareness amongst students regarding the relevance of unlearning with a spirit of inquiry, for learning and relearning the concepts in sciences The workshop aims to inculcate concept-based learning with research aptitude, in in order to understand and consolidate fundamental concepts, develop critical thinking and problem-solving ability, encourage interdisciplinary approach, and enhance analytical reasoning in students

D. **Location:** Department of Bioanalytical Sciences, 3rd floor, SIES College, Sion (West), Mumbai

E. **Target audience/participants with expected number:** Students currently pursuing M.Sc in subjects such as Bioanalytical Sciences, Biochemistry, Biotechnology, Botany, Chemistry, Environmental Science, Life Sciences, Microbiology, Nutraceuticals and Zoology Expected Number: 50 participants

F. **Date of the activity:** From Monday 26th December 2022 to Saturday 31st December 2022

G. **Name of Resource Persons:** Dr. Satish Sarfare, Ms. Pracheta Salunkhe, Mr. Tejas Karandikar

H. **Outcome/Feedback:** The workshop helped impart training on the laboratory instruments/equipment to students, it also equipped them with fresh skills/techniques for

the application of instruments. Moreover, it created awareness amongst students regarding the relevance of unlearning with a spirit of inquiry, for learning and relearning the concepts in the sciences

I. **Funding if any:** Rashtriya Uchchatar Shiksha Abhiyan (RUSA)

J. **Annexures:**

i. **List of Participants**

Registration and attendance list for Workshop on
"Concept Based Learning' – A Research Based Pedagogy Tool to impart training and develop skills in Instrumentation and Bioanalytical Techniques" under the aegis of
Rashtriya Uchchatar Shiksha Abhiyan (RUSA) organised by 'Winter School of Unlearning',
Department of Bioanalytical Sciences, SIES College of Arts, Science and Commerce
(Autonomous), Sion (West), Mumbai
from 26th December -31st December 2022

Sr no	Name of Participant	Day1 (26/12/22)	Day 2 (27/12/22)	Day 3 (28/12/22)	Seminar Kit Received
1	Afian Perpat Jeevan				✓
2	Anjali Jaiswal				✓
3	Anshu Kadam	Absent	Absent	Absent	
4	Apurva Vinod Jadhav				✓
5	Archana Shravan Gupta				✓
6	Arthi Manohar				✓
7	Ashitosh Sunil Kachare				✓
8	Ashwini Deepak Satpute				✓
9	Bhunia Suraj Rajkumar				✓
10	Diksha Swami				✓
11	Dirgha Meshram				✓
12	Disha Mayekar	Absent	Absent	Absent	
13	Felshia Nadar	Absent	Absent	Absent	
14	Hersh Dennis Cheriyil			Absent	✓
15	Hitesh Thakur				✓
16	Jajruti Jarag	Absent	Absent	Absent	
17	Kajal Bejjanki	Absent	Absent	Absent	
18	Kavya Premanandan	Absent	Absent	Absent	
19	Komal Vishwakarma				✓
20	Mihir Balande				✓
21	Milind Mandrai				✓
22	Mohd Sufiyan Jalgaonkar				✓
23	Nadar Jeba Reshma		Absent	Absent	✓
24	Naik Mitali Vishwas				✓
25	Naik Padma Shrinivas				✓
26	Naikwadi Aasiya Begum Ali	Absent			✓
27	Nidhi Anilkumar Pillai				✓
28	Nirmal Manna				✓

Registration and attendance list for Workshop on
"Concept Based Learning' – A Research Based Pedagogy Tool to impart training and develop skills in Instrumentation and Bioanalytical Techniques" under the aegis of
Rashtriya Uchchatar Shiksha Abhiyan (RUSA) organised by 'Winter School of Unlearning',
Department of Bioanalytical Sciences, SIES College of Arts, Science and Commerce
(Autonomous), Sion (West), Mumbai
from 26th December -31st December 2022

Sr no	Name of Participant	Day 4 (29/12/22)	Day 5 (30/12/22)	Day 6 (31/12/22)	Certificate Received
1	Afian Perpat Jeevan				✓
2	Anjali Jaiswal				✓
3	Anshu Kadam	Absent	Absent	Absent	
4	Apurva Vinod Jadhav				✓
5	Archana Shravan Gupta				✓
6	Arthi Manohar				✓
7	Ashitosh Sunil Kachare				✓
8	Ashwini Deepak Satpute				✓
9	Bhunia Suraj Rajkumar				✓
10	Diksha Swami				✓
11	Dirgha Meshram				✓
12	Disha Mayekar	Absent	Absent	Absent	
13	Felshia Nadar	Absent	Absent	Absent	
14	Hersh Dennis Cheriyil	Absent			✓
15	Hitesh Thakur				✓
16	Jajruti Jarag	Absent	Absent	Absent	
17	Kajal Bejjanki	Absent	Absent	Absent	
18	Kavya Premanandan	Absent	Absent	Absent	
19	Komal Vishwakarma				✓
20	Mihir Balande				✓
21	Milind Mandrai				✓
22	Mohd Sufiyan Jalgaonkar				✓
23	Nadar Jeba Reshma	Absent	Absent	Absent	
24	Naik Mitali Vishwas				✓
25	Naik Padma Shrinivas				✓
26	Naikwadi Aasiya Begum Ali				✓
27	Nidhi Anilkumar Pillai				✓
28	Nirmal Manna				✓

Sr no	Name of Participant	Day1 (26/12/22)	Day 2 (27/12/22)	Day 3 (28/12/22)	Seminar Kit Received
29	Pallavi Uttam Rai				✓
30	Pooja Harilal Vishwakarma	Pooja V	Pooja V	Pooja V	✓
31	Purva Jitendra Kantak				✓
32	Raghavi Vasanth Kumar				✓
33	Ramila Mary Gnana Anburajan	Ramila	Ramila	Ramila	✓
34	Rhea Uday Attavar				✓
35	Ritika Ramesh Ramane		Absent	Absent	✓
36	Rutuja Vaidya				✓
37	Saba Sultana				✓
38	Sanjana Sanjay Surve				✓
39	Sanskriti Shettigar				✓
40	Sejal Rathod				✓
41	Sema Tuscano				✓
42	Shaikh Afasa Matin Salim		Absent	Absent	✓
43	Sharmin Kika				✓
44	Shetty Niditha Harsha				✓
45	Shrikant Ramesh Jogdande	Shrikant	Shrikant	Shrikant	✓
46	Shriya Mhatre				✓
47	Shruti Ashok Achary				✓
48	Shubham Balkrishna Patil				✓
49	Siddhi Rajendra Sawant				✓
50	Sonar Sheba Kandan	Absent	Absent	Absent	
51	Sreenandhini Nair		Absent	Absent	✓
52	Steffe Dsouza				✓
53	Sumaiya Sajid Ansari				✓
54	Uditi Chetan Jaiswal	Absent	Absent	Absent	
55	Vaibhavi Santosh Patil	Absent	Absent	Absent	
56	Vikas Sheshnath Yadav	Vikas	Vikas	Vikas	✓
57	Vivek Dalvi				✓
58	Vrushali Anant Rane				✓
59	Yogita Bavaskar				✓
60					

Sr no	Name of Participant	Day 4 (29/12/22)	Day 5 (30/12/22)	Day 6 (31/12/22)	Certificate Received
29	Pallavi Uttam Rai				✓
30	Pooja Harilal Vishwakarma	Pooja V	Absent	Pooja V	✓
31	Purva Jitendra Kantak				✓
32	Raghavi Vasanth Kumar				✓
33	Ramila Mary Gnana Anburajan	Ramila	Ramila	Ramila	✓
34	Rhea Uday Attavar				✓
35	Ritika Ramesh Ramane	Absent	Absent	Absent	
36	Rutuja Vaidya				✓
37	Saba Sultana	Absent	Absent	Absent	
38	Sanjana Sanjay Surve				✓
39	Sanskriti Shettigar				✓
40	Sejal Rathod				✓
41	Sema Tuscano				✓
42	Shaikh Afasa Matin Salim	Absent	Absent	Absent	
43	Sharmin Kika				✓
44	Shetty Niditha Harsha				✓
45	Shrikant Ramesh Jogdande	Shrikant	Shrikant	Shrikant	✓
46	Shriya Mhatre				✓
47	Shruti Ashok Achary				✓
48	Shubham Balkrishna Patil				✓
49	Siddhi Rajendra Sawant	Absent			✓
50	Sonar Sheba Kandan	Absent	Absent	Absent	
51	Sreenandhini Nair	Absent	Absent	Absent	
52	Steffe Dsouza				✓
53	Sumaiya Sajid Ansari				✓
54	Uditi Chetan Jaiswal	Absent	Absent	Absent	
55	Vaibhavi Santosh Patil	Absent	Absent	Absent	
56	Vikas Sheshnath Yadav	Vikas	Vikas	Vikas	✓
57	Vivek Dalvi				✓
58	Vrushali Anant Rane				✓
59	Yogita Bavaskar				✓
60					

ii. Photographs (Geotagged)

Report Prepared by: Pracheta S Salunkhe

Signature: Pracheta Salunkhe

Signature of HOD

Name: Pracheta S Salunkhe

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Bioanalytical Sciences

A. **Title of the Workshop/Activity:** A demonstration session on Electrophoretic Separation using Vertical Electrophoretic Apparatus

B. **Background:** Electrophoretic separations are one of the simplest and most widely used separation techniques for Biological Samples. MSc Bioanalytical Sciences is an interdisciplinary course designed to address the need for trained personnel for Pharmaceutical and allied industries and analysis of Biological samples is a major practical aspect of the curriculum. The session had resource personnel from Technocraft (TechResource) which specializes in manufacturing electrophoretic separation apparatus along with other equipment and reagents based on Molecular Biology.

C. **Aims/Objectives:** To provide technical as well as practical knowledge of Electrophoretic separations. Familiarize the students with new designs of Electrophoretic apparatus.

D. **Location:** Department of Bioanalytical Sciences, 3rd floor, SIES College, Sion (West), Mumbai

E. **Target audience/participants with expected number:** MSc part 1 Bioanalytical Sciences students. Expected number: 16

F. **Date of the activity:** 2nd December 2022

G. **Name of Resource Persons:** Mr. Mustafa Motiwalla, Owner Technocraft (TechResource), India Pvt. Ltd

H. **Outcome/Feedback:** The students learned theoretical and practical aspects of electrophoretic separations. The demonstration helped students understand the manufacturer's perspective while designing a new model of an existing equipment

I. **Funding if any:** Not applicable

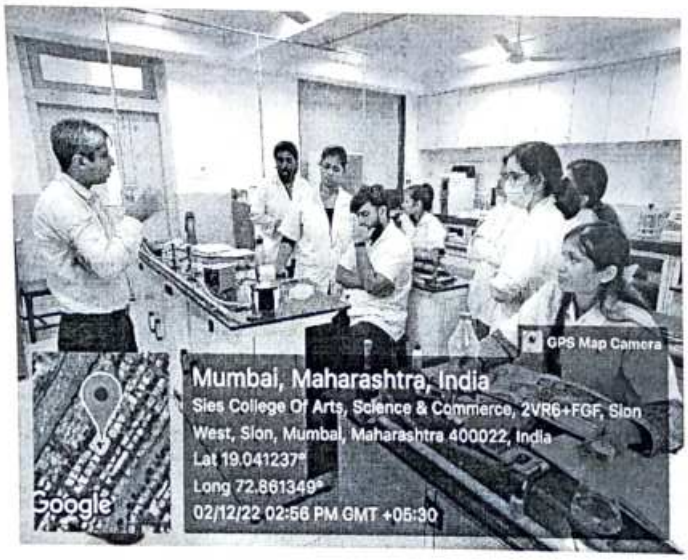
J. **Annexures:**

i. **List of Participants**

Sr No	Name of Participant
1	Diya Dharmesh
2	Pranjal Sawant
3	Diksha Swamy

4	Shmila Desai
5	Khushboo Nishad
6	Rutuja Tatle
7	Komal Vishwakarma
8	Rhea Attavar
9	Siddhi Sawant
10	Archana Gupta
11	Yogita Bavaskar
12	Steffi D'Souza
13	Anam Ansari
14	Saniya Shinde
15	Santoshi Chavan
16	Afian Jeevan

ii. Photographs (Geotagged)



Report Prepared by: Pracheta S Salunkhe

Signature: Pracheta Salunkhe

Signature of HOD 14/7/23

Name: Pracheta S Salunkhe

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Bioanalytical Sciences

A. **Title of the Workshop/Activity:** One-day session and demonstration on maintenance and troubleshooting associated with HPTLC instrument model LINOMAT 5

B. **Background:** Bioanalytical Sciences is an interdisciplinary course specially planned to address the need for trained personnel in chemical, and pharmaceutical industries, manufacturing ASU (Ayurveda, Siddha and Unani) formulations and R& D organizations. HPTLC is the most widely used analytical technique for the analysis of various samples of chemical as well as biological origin. As a student pursuing Masters's in Bioanalytical Sciences, one must have theoretical knowledge of the instruments and be well-versed in troubleshooting associated with it. Each student in the course is given the responsibility of being in charge of at least one instrument overlooking its calibration, and maintenance. HPTLC is a part of the MSc Bioanalytical Sciences part 1 curriculum. The Department of Bioanalytical Sciences is equipped with High Performance Thin Layer Chromatography (HPTLC) instrument model LINOMAT 5 which was purchased from Anchrom Enterprises Ltd.

C. **Aims/Objectives:** To familiarize students of MSc part 1 Bioanalytical Sciences with the technical aspects of the HPTLC instrument. To make students understand the maintenance of HPTLC instrument along with tackling the troubleshooting aspect from a technical expert.

D. **Location:** Department of Bioanalytical Sciences, 3rd floor, SIES College, Sion (West), Mumbai.

E. **Target audience/participants with expected number:** MSc Bioanalytical Sciences part 1 students. Expected number: 10

F. **Date of the activity:** 4th January 2023

G. **Name of Resource Persons:** Mr. Swapnil Jadhav (Service Technician, Anchrom Enterprises Ltd.)

H. **Outcome/Feedback:** The students were keen on understanding the practical maintenance and troubleshooting aspects of the HPTLC instrument. The session was interactive and the technical expert Mr Swapnil Jadhav answered most of the queries students had about the instrument.

I. **Funding if any:** None

J. **Annexures:**

i. **List of Participants**

Sr No.	Name of Participant
1	Diya Dharmesh
2	Pranjal Sawant
3	Khushboo Nishad
4	Rutuja Tatle
5	Rhea Attavar
6	Yogita Bavaskar
7	Steffi D'Souza
8	Santoshi Chavan
9	Anush Gade
10	Afian Jeevan

ii. **Photographs (Geotagged)**

Report Prepared by: Pracheta S Salunkhe

Signature: Pracheta Salunkhe

Signature of HOD

Name: Pracheta S Salunkhe

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Bioanalytical Sciences

A. **Title of the Workshop/Activity:** Workshop on Demonstration of Instruments in Bioanalytical Sciences Laboratory (such as GC, HPTLC, Dissolution apparatus, disintegration apparatus, friability and hardness apparatus)

B. **Background:** Bioanalytical Sciences is an interdisciplinary course specially planned to address the need of trained personnel in chemical, and pharmaceutical industries, manufacturing ASU (Ayurveda, Siddha and Unani) formulations and R& D organizations. The Department of Bioanalytical Sciences established under the aegis of Rashtriya Uchchatar Shiksha Abhiyan (RUSA) is equipped with Analytical Instruments for training students to meet the need of skilled personnel in Pharmaceutical and allied industries.

C. **Aims/Objectives:** To create awareness and exposure about instruments available in the Department of Bioanalytical Sciences to the postgraduate students belonging to subjects other than Bioanalytical Sciences. The workshop was a part of the National Science Day celebration organized by the Department of Bioanalytical Sciences,

D. **Location:** Department of Bioanalytical Sciences, 3rd floor, SIES College, Sion (West), Mumbai

E. **Target audience/participants with expected number:** Science Post Graduates students of SIES College of Arts, Science and Commerce (Autonomous), Mumbai. Expected number: 42

F. **Date of the activity:** 25th February 2023

G. **Name of Resource Persons:** Ms. Pracheta S Salunkhe and Mr. Tejas Karandikar [faculties of Department of Bioanalytical Sciences, SIES College of Arts, Science and Commerce (Autonomous), Mumbai]

H. **Outcome/Feedback:** The workshop had a positive response from students. Participants from Biological Sciences background got exposed to analytical instruments that they were not familiar with. Students also shared an interest for intra-departmental collaboration and projects. Participants also shared their enthusiasm to attend similar longer-duration workshops organized by the department.

I. **Funding if any:** None

J. Annexures:

i. List of Participants

Attendance Record for Workshop on Instruments in Bioanalytical Sciences Laboratory organised by the Department of Bioanalytical Sciences

Date: 25/02/2023

Session Timing: 9.30 am to 12.30 pm

Sr No	Roll Number	Subject	Name	Signature
1	SM2002223008	MSc II 2001094	GAYAIRI NAIR	[signature]
ii. 2	SM2002223004	MSc II Zoology	Asma Khan	[signature]
3	SM2002223009	MSc - II Zoology	Munera Bano	[signature]
iii. 4	FM2002223006	MSc - I 2001094	KASHIFA SHAIKH	[signature]
5	FM2002223005	MSc - I 2001094	AREEBAH SURVE	[signature]
iv. 6	SM2002223002	M.Sc-II-Zoology	Samiksha Raje	[signature]
7	SMCC2223003	MS II Chemistry	Sakshi Ingle	[signature]
v. 8	SMCC2223005	M.Sc II Chemistry	Muthu Anusuya	[signature]
9	SMCC2223007	M.Sc II chemistry	Ganesh A Chavan	[signature]
vi. 10	SMCC2223004	Msc II chemistry	JASRAN JAMES	[signature]
11	SMDC2223002	Msc II chemistry	KAVYA S. KOLLI	[signature]
vii. 12	SMDC2223017	MSc II Chemistry	SAGAR G. MIJELLI	[signature]
13	SMDC2223011	MSc II chemistry	SHAZIYA SAYYED	[signature]
viii. 14	SMDC2223001	Msc II Chemistry	PAVITRA ANKAM	[signature]
15	SMDC2223005	MSc II Chemistry	SIDDHESH AUTI	[signature]
ix. 16	SM2002223001	Msc II Zoology	AYAAZ KHAN	[signature]
17	SM2002223010	MSc II Zoology	AISHATH THAHIRA	[signature]
x. 18	SM2002223006	MSc II Zoology	TANVEER KHAN	[signature]
xi. 19				
20				
xii. 21				
22				
xiii.				
24				

Attendance Record for Workshop on Instruments in Bioanalytical Sciences Laboratory organised by the Department of Bioanalytical Sciences

Date: 25/02/2023

Session Timing: 1.30 pm - 4.30 pm

Sr No	Roll Number	Subject	Name	Signature
1	FMCHE2223020	Chemistry - I	Avinash	[signature]
2	FMCHE2223008	Chemistry - I	Sunil Mane	[signature]
3	FMCHE2223012	Chemistry - I	Vishal	[signature]
4	SMMICRO2223007	Micro - MSc II	Mrunal Ramdas	[signature]
5	FMMICRO2223005	Micro - MSc - I	Balaksha J. Salian	[signature]
6	FMMICRO2223003	Micro - MSc I	Sajal Gupta	[signature]
7	SMMICRO2223006	Micro - MSc II	Ganesh Chatakunti	[signature]
8	SMMICRO2223005	Micro - MSc II	Mahesh Chilivari	[signature]
9	SMMICRO2223010	Micro - MSc II	Shrihan Deshpande	[signature]
10	FMMICRO2223002	Micro - MSc I	Siddhesh Pandurar	[signature]
11	SMMICRO2223008	Micro - MSc II	Laxmi Pal	[signature]
12	FCKHE2223001	Chemistry - I	Athava Bhilar	[signature]
13	FMMICRO2223009	Micro - MSc I	Minoti Gavani	[signature]
14	FMMICRO2223006	MICRO - MSc I	Saranya Panthavoor	[signature]
15	FMMICRO2223001	Micro - MSc I	Adithi Achari	[signature]
16	FMMICRO2223010	Micro - MSc I	Deepa Yadav	[signature]
17	FMMICRO2223004	Micro - MSc I	Anjum Ansari	[signature]
18	FMMICRO2223009	Micro - MSc I	Ekta Jaiswal	[signature]
19	SMMICRO2223005	Micro - MSc II	Kiran Mishra	[signature]
20	FMMICRO2223005	Micro - MSc I	Pallavi Wable	[signature]
21	SMBI2223004	Biotech - MSc II	Anisha Bhende	[signature]
22	SMBI2223005	Biotech - MSc II	Sharanya S.	[signature]
23	SMMICRO2223001	Micro - MSc II	Munika M.	[signature]
24	SMMICRO2223003	Micro - MSc II	Iram Shaikh	[signature]

ii Photographs (Geotagged)

Report Prepared by: Pracheta S Salunkhe

Signature: Pracheta Salunkhe

14/7/23

Signature of HOD

Name: Pracheta S Salunkhe

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),

SION WEST, MUMBAI - 400 022

DEPARTMENT OF BIOTECHNOLOGY AND DEPARTMENT OF BIOCHEMISTRY

A. Title of the Seminar/Workshop/Conferences: Cryo-EM structure of the ancient eukaryotic ribosome from the human parasite Giardia Lamblia

B. Background: A lot of research is taking place on ribosomes, its evolution and its structure. The speaker is a PhD student under Nobel Laureate Prof. Ada Yonath, Department of Chemical and Structural Biology, Weizmann Institute of Science, Israel. Her work focuses on identifying the structure of ribosomes of an ancient parasite giardia lamblia and what similarities as well as differences it shows with respect to human ribosomes and how it will be helpful in creating a species-specific drug/antibiotic which will be sensitive to it.

C. Aims/Objectives: The lecture was intended to acquaint the audience with details of Cryo-EM structure of the ribosomal subunits and its evolution over ages. The software, equipment required, overall principle and a brief protocol of the same was explained.

D. Location: Mini-auditorium, SIES College of Arts, Science and Commerce.

E. Target audience/participants with expected number: UG and PG students from Biotechnology and Biochemistry. About 87 students actively participated.

F. Details of Sessions: The session was held on 22nd October 2022, from 11am to 12pm.

G. Session and names of Resource Persons: Ms. Disha Gajanan Hiregange, PhD student under Nobel Laureate Prof. Ada Yonath, Department of Chemical and Structural Biology, Weizmann Institute of Science, Israel.

H. Expected outcome: The feedback of participants stated that they found the session to be very helpful and informative.

Tara Menon

Dr. Tara Menon
Co-ordinator, Department of Biotechnology

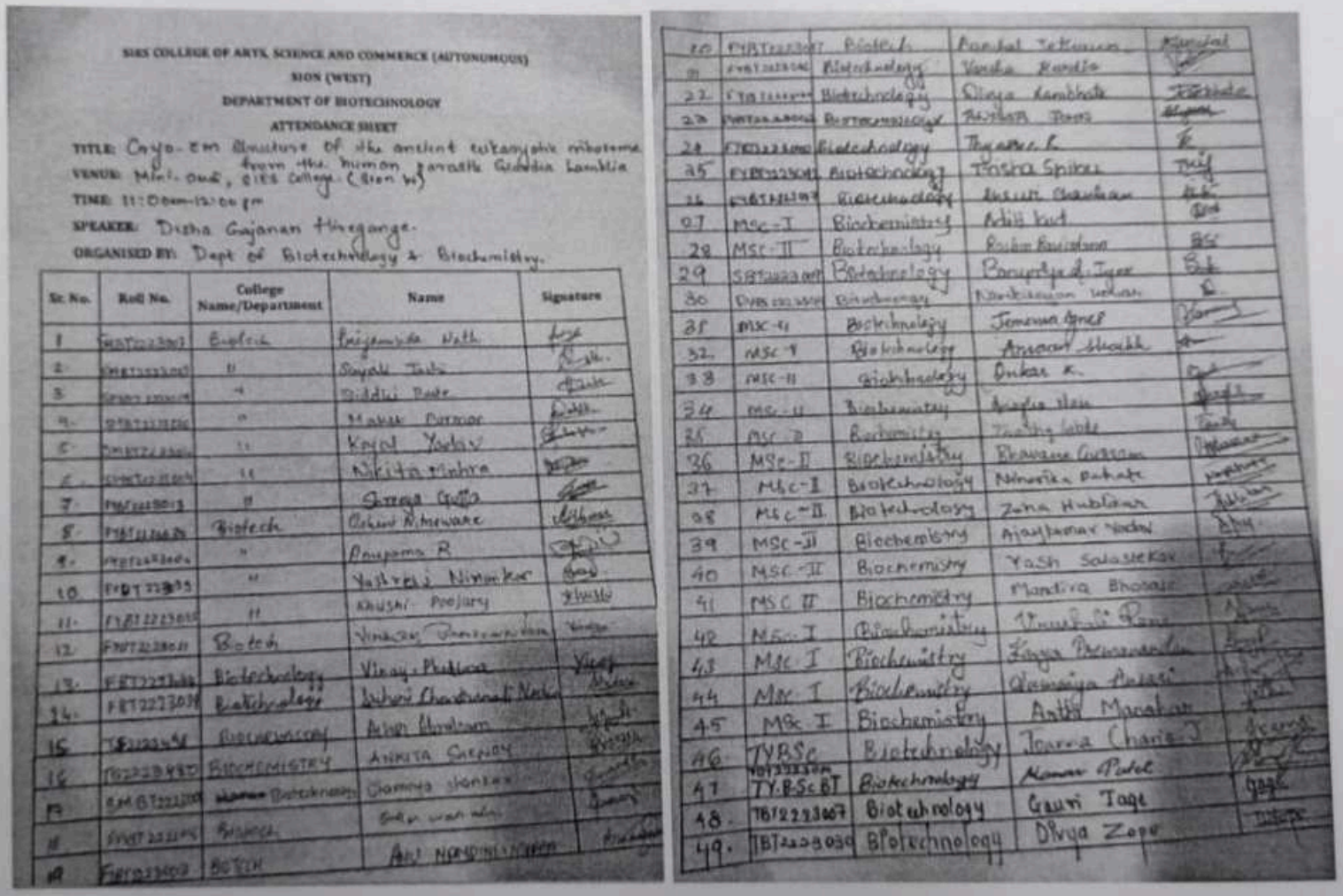
Date: 02-11-22

Annexure 1:

Details of Resource person:

Ms. Disha Gajanan Hiregange completed her Bachelors in Biotechnology and Biochemistry here at SIES College of Science, Arts, and Commerce in 2016 followed by Master's in Biology at Tata Institute of Fundamental Research in the year 2019. She is currently pursuing Ph.D. in Chemistry at the Weizmann Institute of Science in Israel, under the guidance of Nobel Laureate Prof. Ada Yonath. Her research interests include Structural Biology, Molecular Biology and Microbiology. She has many paper publications to her credit such as Cryo-EM structure of the ancient eukaryotic ribosome from the human parasite Giardia lamblia, Mutations in RPS19 may affect ribosome function and biogenesis in Diamond Blackfan anaemia, Genome instability drives epistatic adaptation in the human pathogen Leishmania to name a few. In addition to this, she has given numerous poster presentations and has also attended various conferences, the most recent one being the Ribosome Structure and Function meeting 2022 held in France. She has also achieved the Junior Research Scholar Fellowship (DAE) along with a plethora of other academic achievements.

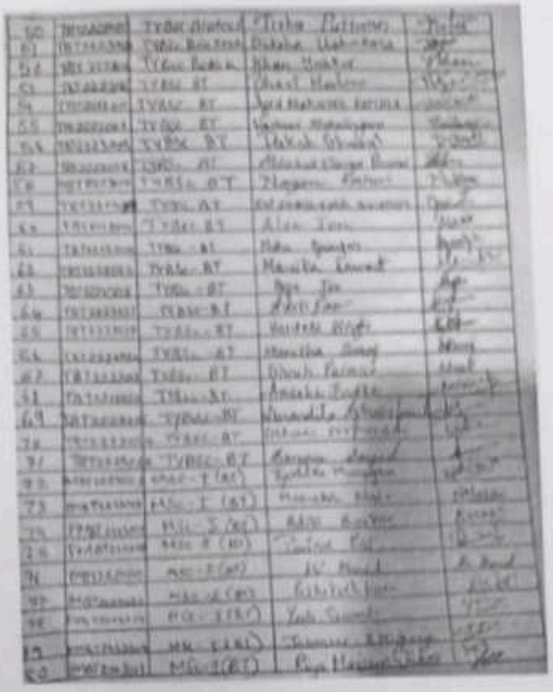
Annexure 2: Attendance Record



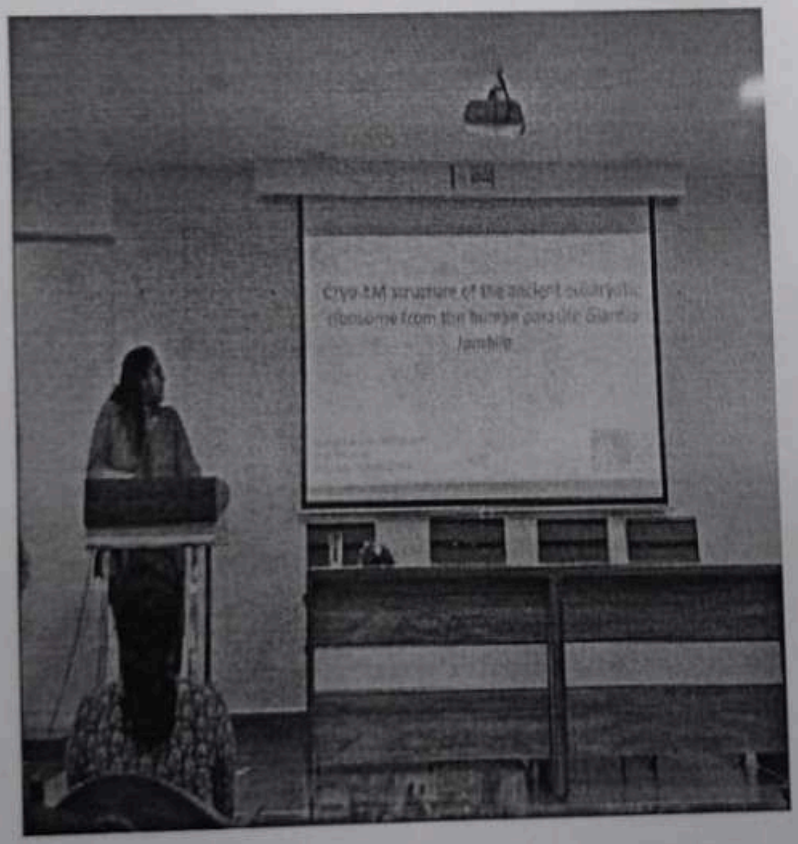
SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONUMOUS)
SION (WEST)
DEPARTMENT OF BIOTECHNOLOGY
ATTENDANCE SHEET

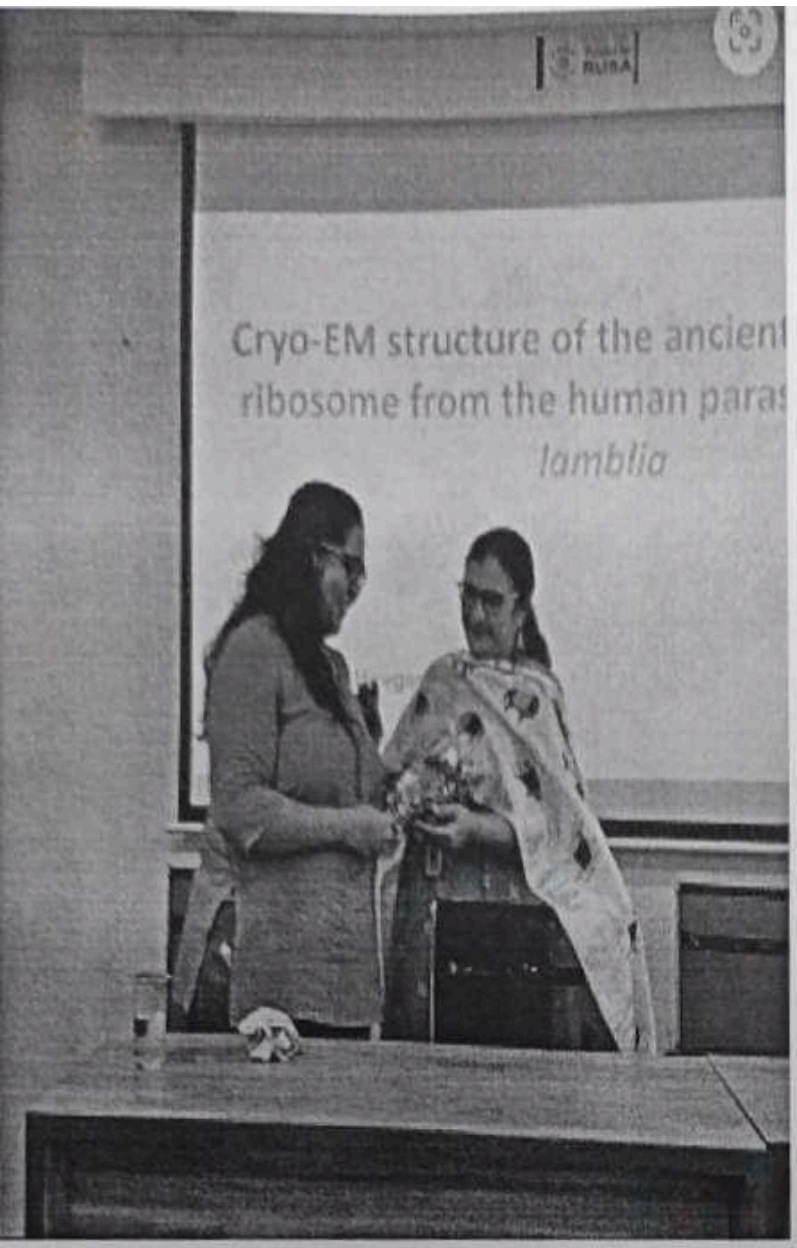
TITLE: Cryo-EM Structure of the ancient eukaryotic ribosome from the human parasite Giardia Lamblia
VENUE: Mini-Auditorium, SIES College (Sion W)
TIME: 11:00am-12:00pm
SPEAKER: Disha Gajanan Hiregange.
ORGANISED BY: Dept of Biotechnology & Biochemistry.

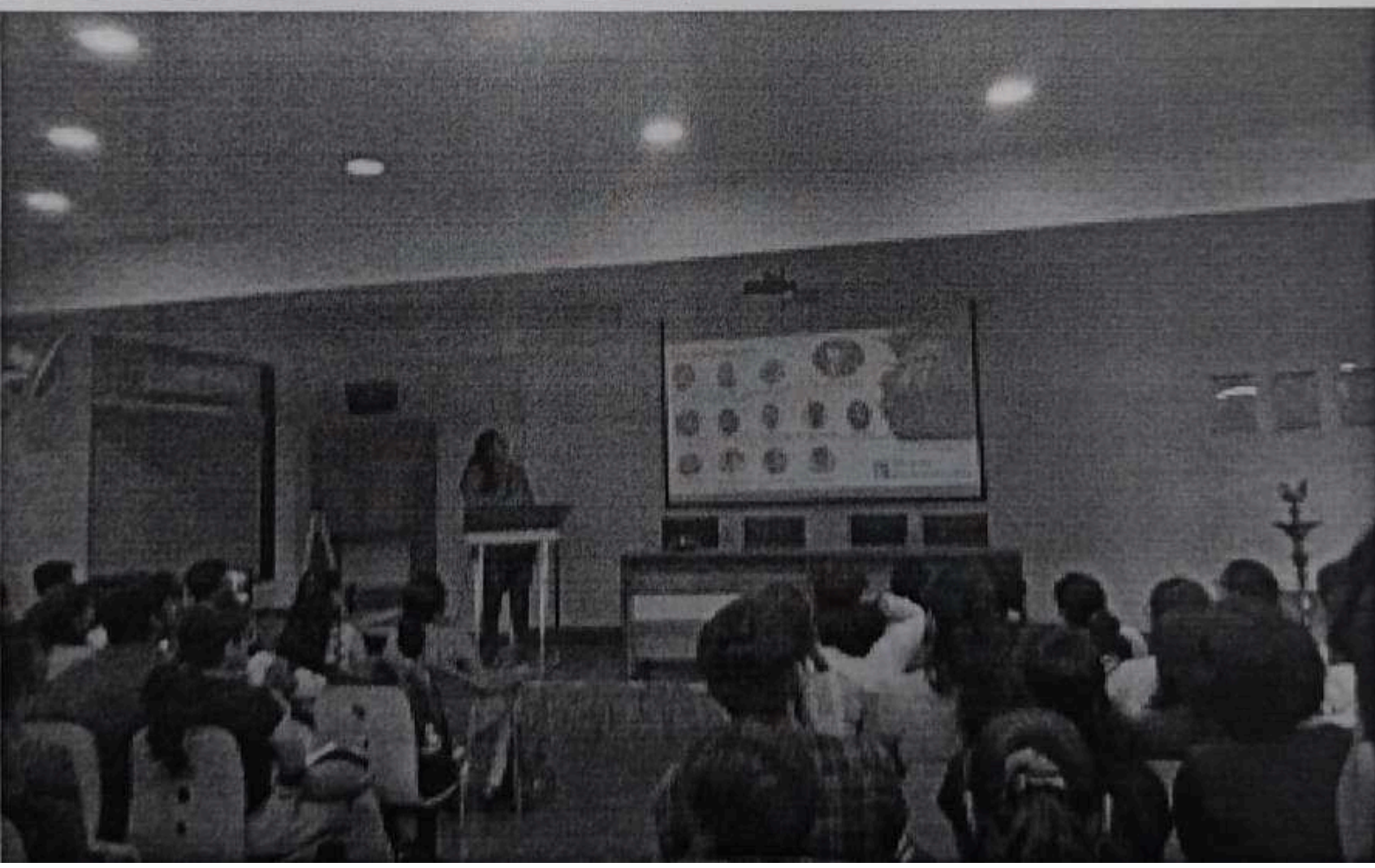
Sr. No.	Roll No.	College Name/Department	Name	Signature
1	[illegible]	Biotech	Priyanshu Nath	
2	[illegible]	"	Sayali Jadhav	
3	[illegible]	"	Siddhi Bade	
4	[illegible]	"	Manas Dumane	
5	[illegible]	"	Kajal Yadav	
6	[illegible]	"	Nikita Mishra	
7	[illegible]	"	Shreya Gupta	
8	[illegible]	Biotech	Ochini Nimawate	
9	[illegible]	"	Anupama R	
10	[illegible]	"	Yashraj Nimbalkar	
11	[illegible]	"	Khushi Poojary	
12	[illegible]	Biotech	Vinayak [illegible]	
13	[illegible]	Biotechnology	Vinay Phalkar	
14	[illegible]	Biotechnology	Ishwari Chandrakant Nerkar	
15	[illegible]	Biochemistry	Arbaz Ghodam	
16	[illegible]	BIOCHEMISTRY	ANKITA SHENOY	
17	[illegible]	Biotechnology	Shamya Shankar	
18	[illegible]	Biotech	[illegible]	
19	[illegible]	BOTCH	ANJ NANDINI [illegible]	
20	[illegible]	Biotech	Randal Tetuwan	
21	[illegible]	Biotechnology	Varsha Bandla	
22	[illegible]	Biotechnology	Divya Kambhale	
23	[illegible]	Biotechnology	Aishwarya Bhosle	
24	[illegible]	Biotechnology	Thyagaraj K	
25	[illegible]	Biotechnology	Tasha Spiker	
26	[illegible]	Biotechnology	[illegible] Chauhan	
27	MSc-I	Biochemistry	Aditi Kut	
28	MSc-II	Biotechnology	Roshan Bandekar	
29	[illegible]	Biotechnology	Bonyapalli Tejas	
30	[illegible]	Biochemistry	Nandkishor [illegible]	
31	MSc-II	Biotechnology	Jemima Agnes	
32	MSc-I	Biotechnology	Ansari Shoaib	
33	MSc-II	Biotechnology	Onkar K.	
34	MSc-II	Biochemistry	Anjali [illegible]	
35	MSc-II	Biochemistry	Tanishq Jadhe	
36	MSc-II	Biochemistry	Bhavana Gurram	
37	MSc-I	Biotechnology	Nimesha Patkar	
38	MSc-II	Biotechnology	Zena Hubliker	
39	MSc-II	Biochemistry	Ajaykumar Yadav	
40	MSc-II	Biochemistry	Yash Salaskar	
41	MSc II	Biochemistry	Mandira Bhosale	
42	MSc-I	Biochemistry	Vaishali Rane	
43	MSc I	Biochemistry	Zaiya Parwanwala	
44	MSc I	Biochemistry	Aishwarya Pawar	
45	MSc I	Biochemistry	Aditi Marathe	
46	TYBSc	Biotechnology	Joanna Charis J	
47	TY.B.Sc.BT	Biotechnology	Kanan Patel	
48	TBT2223007	Biotechnology	Gauri Tage	
49	TBT2223030	Biotechnology	Divya Zope	



Annexure 3: Photographs of Seminar/Workshop




Cryo-EM structure of the ancient
ribosome from the human paras
lamblia



Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Date: 02-11-22

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department: English

A. Title of the Workshop/Activity: Guest Lecture on "Psychoanalysis".

B. Background: On 27th June 2022 Ms. Shama Todurkar conducted a session on "Psychoanalysis-Freud and Jung" for the TYBA English Literature students. The topic is part of the TYBA Syllabus in Paper II "Literary Theory and Practical Criticism".

C. Aims/Objectives: To explain to TYBA English Literature students the topic of Psychoanalysis and the contributions of Sigmund Freud and Carl Jung in the field of psychoanalytic theory and practice.

D. Location: Room 31

E. Target audience/participants with expected number: TYBA English Literature students

F. Date of the activity: 27th June 2022

G. Name of Resource Persons: Ms. Shama Todurkar

H. Outcome/Feedback: Students learnt about the methods and works of Freud and Jung in the field of psychoanalysis.

I. Funding if any: No

J. Annexures:

i. List of Participants: 33

SIES College of Arts, Science & Commerce (Autonomous) MUMBAI 400 022

Guest Lecture on 'Psychoanalysis' by Ms. Shama Todurkar

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE

SION (WEST), MUMBAI - 400 022 (Autonomous)

ATTENDANCE SHEET

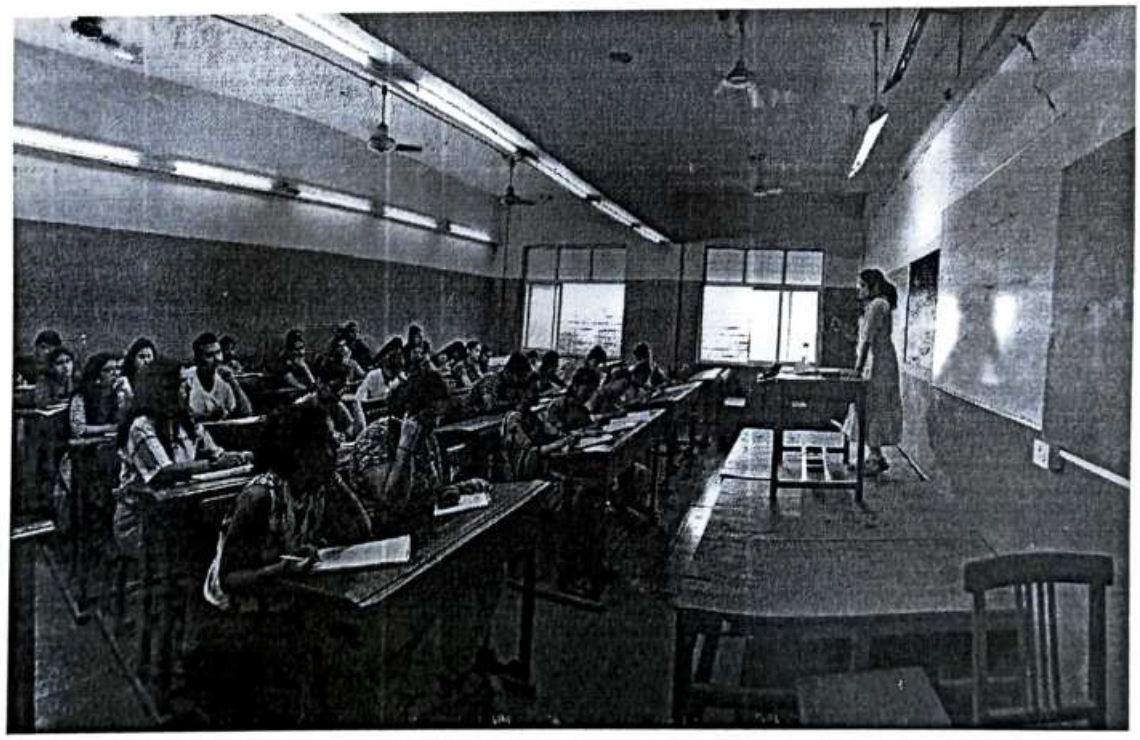
Class : TYBA Divn. B Subject English

Date : 27/6/2022 Time : 7:20

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
1	Disha Hegde (245)	34	Disha	67	
2	Aditya Yadav (271)	35	[illegible]	68	
3	Palakshi Salhe (263)	36	Palhe	69	
4	Nandini Haldunia (257)	37	Nandini	70	
5	Roshni Bhusania (235)	38	R Bhusanie	71	
6	Anushna Anantharaman (233)	39	Anushna	72	
7	Hetvi Shah (264)	40	H.J. Shah	73	
8	Kotian Aditi S (247)	41	Adit.	74	
9	Marina Kumar (250)	42	Marina	75	
10	VARADA PAVGE (258)	43	[illegible]	76	
11	Nashrah Shaikh (265)	44	Shaikh.	77	
12	Kalpana Digamarty (240)	45	Digamarty	78	
13	Glaria Sundar (243)	46	Glaria. S	79	
14	NADAR MAHALAXMI (259)	47	Mahalaxmi	80	
15	Dandekar Chaitali (239)	48	[illegible]	81	
16	Manerikar Damini (249)	49	Damini	82	
17	Nishika Thapar (269)	50	Nishika	83	
18	Sara Siddique (266)	51	[illegible]	84	
19	Aditi Chavan (237)	52	Chavan	85	
20	Aakarah Asaker (232)	53	AKS	86	
21	Geneshiya (242)	54	[illegible]	87	
22	Esther (253)	55	[illegible]	88	
23	Suganya (268)	56	Suganya	89	
24	Armaiti Billimoria (236)	57	[illegible]	90	
25	RHEA PRABHU (260)	58	[illegible]	91	
26	Manu Naik (255)	59	Manu	92	
27	Zeena Khambatta (246)	60	ZMK	93	
28	Malhar Rane (261)	61	[illegible]	94	
29	Shreya Naik (256)	62	Shreya	95	
30	Jivakariya Honikar (252)	63	[illegible]	96	
31	Kalyani Gautam (241)	64	Gautam	97	
32	Prerana Premkumar (234)	65	[illegible]	98	
33	Vigneshwar Pillai (239)	66	Vign	99	

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

ii. Photographs (Geotagged)



Report Prepared by:

Signature:

Signature of HOD

Name: Vidya Hariharan

Department: English

Designation: Assistant Professor

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department

NATURE CLUB

A. **Title of the Workshop/Activity:** Guest Lecture on Wildlife through my lens
B. **Background**: Using camers one can definitely study and record natural history observations. During the covid period many people did window birding or terrace birding. How a camera and observations can help create a biological database is the key for understanding and helping in citizen science projects.
C. **Aims/Objectives:** To know about the correct use of camera and through that recording and assessing biodiversity around you.
D. **Location:** Online
E. **Target audience/participants with expected number:** 30
F. **Date of the activity:** 27th January 2023
G. **Name of Resource Persons:** Dr Krishnan Sivasubramanian, Professor at IIT Bombay
H. **Outcome/Feedback:** Students could view through his photographs and stories how one can be alone and enjoy the company of oneself by observing and recording natural history observations.
I. **Funding if any: (Mention the name of the funding agency and amount received)**
J. **Annexures:**
   i. List of Participants
   ii. Photographs (Geotagged)

Report Prepared by: Santosh Tiwari

Signature of Incharge
Name: Santosh Tiwari
Department/ Association: Nature Club
Designation: Assistant Professor

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, Sion (W)
Report

Guest Lecture on Complex Dynamics

Department: Mathematics

Date: 05-01-2022

Title: "Introduction to Complex Dynamics"

Resource person: Mr. Kanak Dhotre

Target audience: TY mathematics students.

Number of Participants: 35

Objective:

- To introduce the concept of Complex Dynamics to students.
- To enlighten students about the various entrance examinations and their significance.

Methodology:

Our alumnus Mr. Kanak Dhotre who is post graduate in Engineering Mathematics from the Institute of Chemical Technology (ICT) explained about the basics of complex dynamics. He also guided the students about the admission procedure to ICT and other renowned institutes. He further shared tips on cracking competitive exams like CSIR NET, IIT JAM, GATE.

The event ended with a question answer round and a vote of thanks by the head of department, Mrs. Rekha Watve and the organizer Mrs.Geeta Paluskar

Outcome:

30 students from TYBSc and 3 students from SYBSc attended the lecture. The lecture was received with great admiration by the students. Students were introduced to the concept of complex dynamics. The talk motivated students to pursue higher education.

Report Prepared by: Geeta Paluskar

Signature:

Date: 05.01.23

SIES College of Arts, Science and Commerce (Autonomous), Sion (W), Mumbai

Annexure1: Pictures:

Mr. Kanak Dhotre explaining the concept to students.

Mrs. Geeta Paluskar expressing her vote of thanks to the speaker.

Question answer Session

Annexure2: Attendance

SIES COLLEGE OF ARTSD, SCIENCE AND COMMERCE, AUTONOMUS

DEPARTMENT OF MATHEMATICS

GUEST LECTURE: An Introduction to Complex Dynamics

5-January-2023, 10.00 am to 11.00 am

Sr. No.	Roll Number	Name	Class Div	Signature
1	TS2223035	SHAILESH GAUD	A	[signature]
2	TS2223042	AYUSH MISHRA	A	[signature]
3	TS2223036	AKSHAYA GOGI	A	[signature]
4	TS2223052	Kasu Arshi	A	[signature]
5	TS2223050	Shivek Sagar Daswani	A	[signature]
6	TS2223055	Saniya E Fatma Shaikh	A	[signature]
7	SS2223429	Sukruth P Shetty	C	[signature]
8	TS2223065	Prakash Shivshankar Singh	A	[signature]
9	TS2223049	Rohit Shrivastav	A	[signature]
10	TS2223059	Amrita Arikkat	A	[signature]
11	TS2223041	Mebina Alexander	A	[signature]
12	TS2223051	Saiyam Viraj Gangwal	A	[signature]
13	TS2223034	Chaudhary Zubair Ali	A	[signature]
14	TS2223054	Ruban Swan Perumal	A	[signature]
15	TS2223048	OMKAR SATISH PATIL	A	[signature]
16	TS2223038	Koteshwar S. Katkuri	A	[signature]
17	TS2223056	Karthikeyan Arumugam A	A	[signature]

Sr. No.	Roll Number	Name	Class Div	Signature
18	TS2223066	Sakthi Raju	A	R. Sakthi
19	TS2223061	Ponjiva Pathirakali	A	Ponjiva
20.	TS2223063	Shruti. Vinod. Jadvittar	A	Shruti
21.	TS2223039	Raj Mansha Koley	A	R Koley
22	TS2223068	SUNNY RAVINDRA ANGOL	A	[illegible]
23	SS2223419	POOJA CHAURASIYA	C	P. Pooja
24	SS2223423	Sangeeta. R. Madduru	C	Sangeeta
25	TS2223058	Sushant S. chaugule	A	Schaugule
26	TS2223046	Vaishnavi Krishnan	A	Vaishnavi
27	TS2223040	Varecia Lopes	A	Lopes
28	TS2223037	Grace Vijay	A	Grace
29	TS2223053	Mahavidya Satishkumar	A	Vidya
30	TS2223064	Asha Sheikh	A	Asha
31	TS2223045	Pratiksha Soni	A	Soni
32	TS2223044	Shrinidhi. B Shetty	A	Shetty
33	TS2223043	Shaikh Sadaf	A	Shaikh

with CamScanner

S.I.E.S College of Arts, Science and Commerce (Autonomous)

Sion West, Mumbai – 400022

Laboratory Visit

Title: Visit to Chromatography Laboratory

Objective: Student exposure to Chromatography techniques

Resource Person: Dr. Vivek Parab, SIES School of Packaging- Packaging Technology Centre, Nerul

Date, Time & Venue: 21.1.2023, 10am to 3 pm. SIES School of Packaging- Packaging Technology Centre, Nerul (Navi Mumbai).

Report: The Department of Microbiology organized a visit to the chromatography laboratory at the SIES School of Packaging- Packaging Technology Centre, Nerul. This visit was primarily for the students of S.Y.B.Sc. as it is included in the syllabus, further enriching their learning experience.

Dr. Vivek Parab explained the concepts of chromatography. He demonstrated the separation of different samples using Gas Chromatography (GC) and High Performance Liquid Chromatography (HPLC). He also explained the function of FTIR spectroscopy.

The students were accompanied by Dr. Lynn D'Lima, Assistant Professor.

Number of Attendees: 33

Outcome: Student exposure to instrumentation

PREPARED BY:- LYNN D'LIMA.

Dr. Manju Phadke

Head,

Department of Microbiology

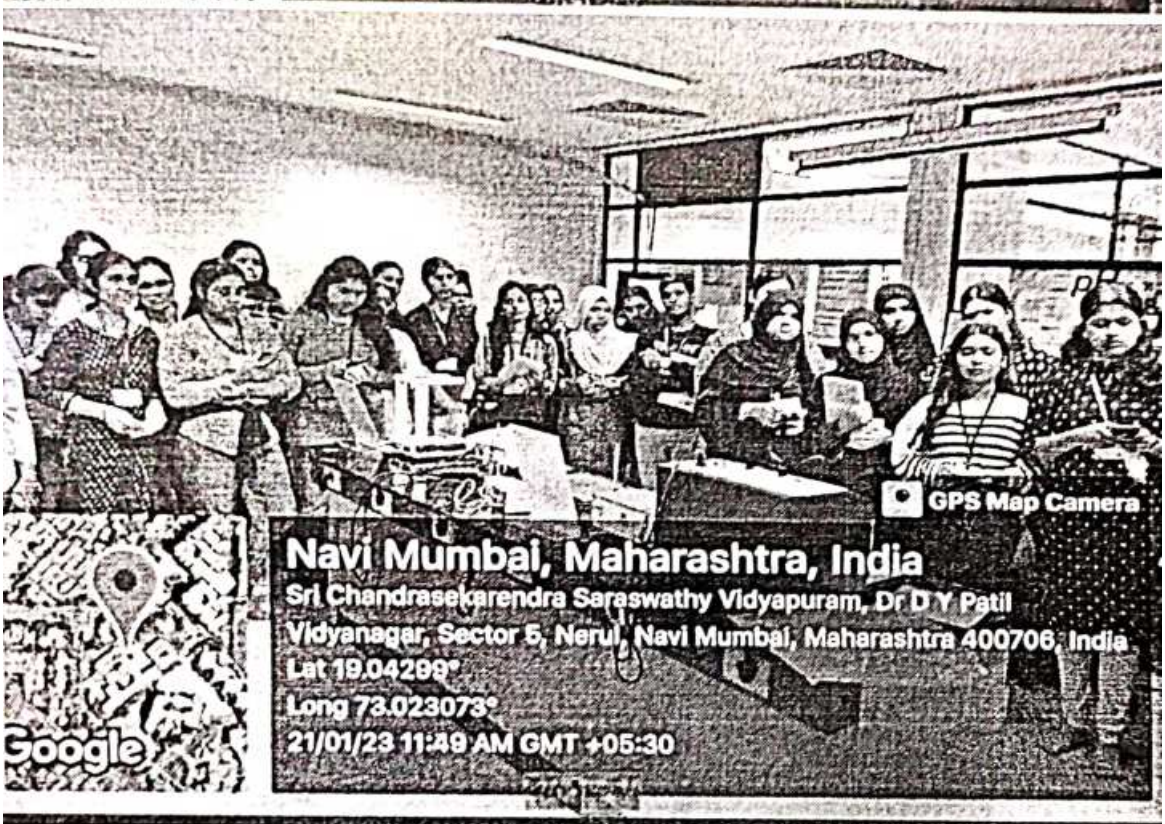
DEPARTMENT OF MICRO BIOLOGY
S.I.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE
SION (WEST), MUMBAI 400 022

SOUTH INDIAN EDUCATION SOCIETY ★ MUMBAI

S.Y.BSc. List of Attendees

Abarna Bharathi Dasan Shanthi
Ansari Sana Mohd Rajique Najmunissa
Chauhan Kunjal Girish Rasila
Deorukhkar Vallari Shailesh Saailee
Keerthika Senthivel Meenal
Madhilagan Vasagi Kartivel Sumathi
Pathan Zahara Iqbal Shahnaz
Salgonkar Vidula Prabhakar Pranjal
Shaikh Mahera Tanveerdar Sameera
Shamitha Anilkumar Shailaja
Syed Falak Rahma Mohammad Najib Gazala Parveen
Lakhan Bhagyesh Santosh Vidya
Acharekar Prerana Sumant Suvarna
Acharya Smruti Vishnumoorthy Sushma
Bidoo Rutuja Sanjay Samidha
Chengati Kavita Raju Anuradha
Choudhary Musfirah Faisal Naseema
Dasgupta Tiyasa Pratul Mousumi
Khan Zoya Noor Ahmed Saira Begum
Kotian Shamita Vijay Rajakshi
Nimisha Sureshkumar Prameela
Sahni Khushali Sumir Monika
Sawant Sakshi Ganesh Riya
Shukla Surbhi Sanjay Priya
Singh Priyanshi Pramodkumar Chandrakala
Vishwakarma Kiran Sandeep Poonam
Nadar Malvina Dhinakaran Ezhil Roja
Purameri Aditya Prashant Venus
Satam Ayush Jayesh Sakhi
Shaikh Iffat Irfan Ismat
Yadav Karthik Mukandi Sumathi
Yogeshwarar Nellai Balaji Arumugham Sudalaiammal
Ameya Peter Leelamma

GPS Map Camera
Navi Mumbai, Maharashtra, India
I-C, Dr D Y Patil Vidyanagar, Sector 5, Nerul, Navi Mumbai,
Maharashtra 400706, India
Lat 19.043°
Long 73.023003°
21/01/23 11:49 AM GMT +05:30
Google


GPS Map Camera
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Sri Chandrasekarendra Saraswathy Vidyapuram, Dr D Y Patil
Vidyanagar, Sector 5, Nerul, Navi Mumbai, Maharashtra 400706, India
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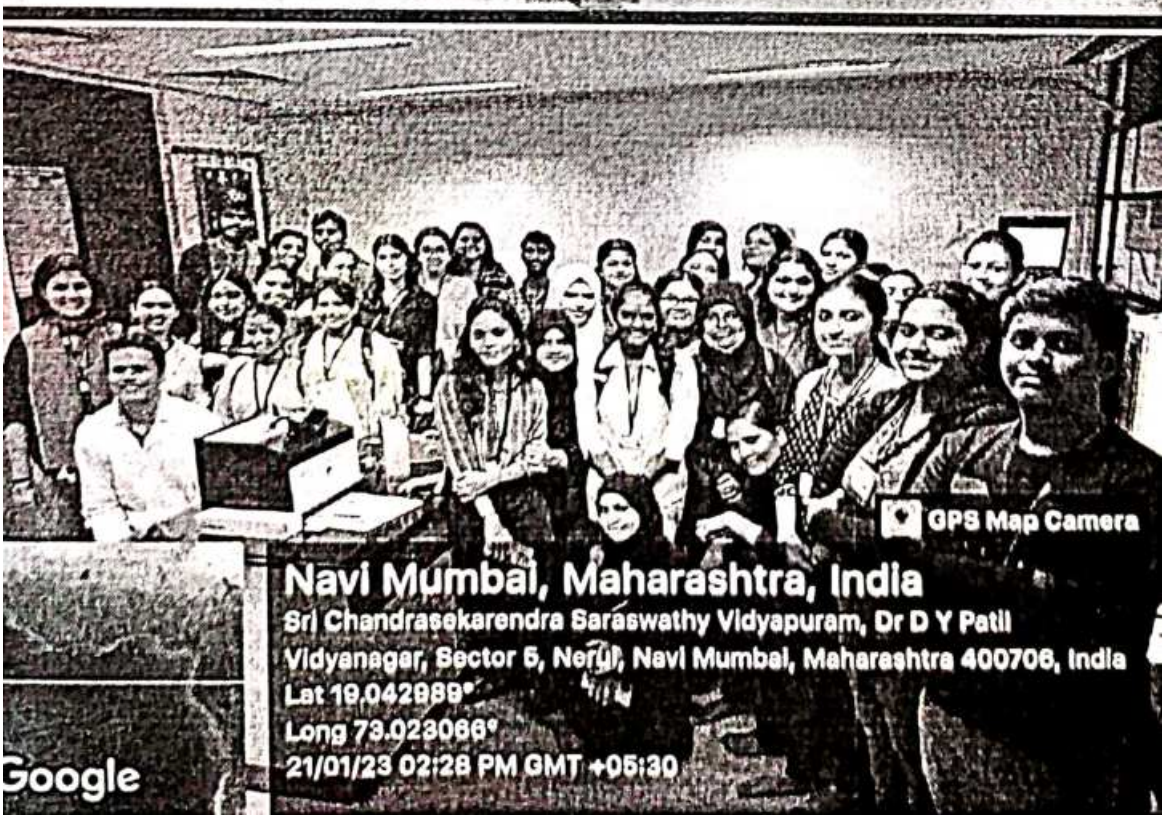
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SIES College of Arts, Science and Commerce (Autonomous)
Sion (W), Mumbai – 400022

Department of Microbiology

Title: Visit to Cheese factory

Objective: Student exposure to processes in Dairy Microbiology.

Date, Time & Venue: 17th Dec 2022; GO Cheese factory, Manchar (Pune) 10am - 4pm

Report: The Department of Microbiology organized a visit to the Go cheese factory. Students of SYBSc, TYBSc and MSc II classes were accompanied by the teachers Ms. Carol Braggs, Dr. Lynn Dlima, Ms. Deepika Tambe.

Number of Attendees: 55

Outcome: Students were familiarized with all process in Dairy Microbiology and Cheese making.

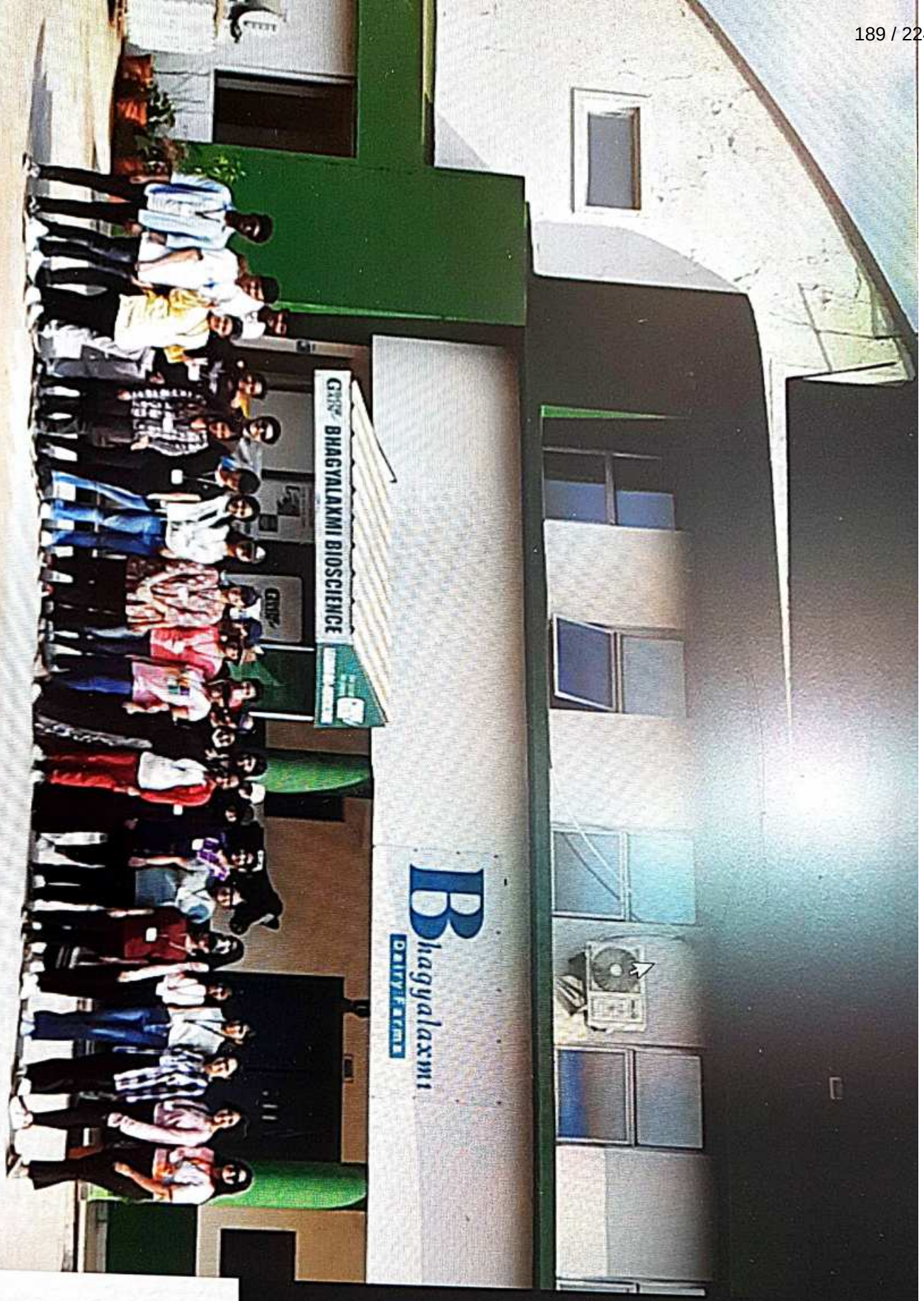
MPhadke

Dr. Manju Phadke

Head, Dept. of Microbiology

HEAD OF THE DEPARTMENT OF MICROBIOLOGY
S.I.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE
SION (WEST), MUMBAI - 400 022.

SOUTH INDIAN EDUCATION SOCIETY ★ MUMBAI



Google

Sultanpur Maharashtra India 29°C

2WFQ+7H4, Sultanpur, Maharashtra 410503, India

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17/12/2022 2:04 pm, GMT+05:30
Sat, 17 Dec

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THAN EVER BEFORE
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XWHW+VWH Parag Milk Foods, Pune,
Maharashtra 410503, India
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Google

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DMLT Department

Hospital Visit

On March 28, 2023, ADMLT students and DMLT Staff Mrs. Jyoti Babar and Mrs. Reshmi Das visited Lilavati Hospital in Bandra as part of a co-curricular activity. Students were divided among multiple departments, including those for histopathology, microbiology, blood banks, biochemistry, and molecular biology. The chief of the histopathology department, Dr. Chandralekha Tampi, outlined the many methods and tasks carried out there. She also demonstrated how interpretation should be done by presenting several slides to our students. In the blood bank portion, ADMLT students viewed numerous devices relevant to our field and learned about their functions. The blood bank's director gave a detailed explanation of the modern methods used to collect blood from donors and store it. The leader of the molecular division provided information on gene mapping, DNA extraction, RNA extraction etc.

List of Participants:

Roll No.	Student Name
1	Ansari Naila Tabassum Ahsan Ahmed
2	Ansari Taiba Mohammed Farooque
3	Bali Saad Mohammed Anwar
4	Chaturvedi Reetesh Akhilesh
5	Gupta Chhaya Chammanlal
6	Dethe Pratiksha Rajendra
7	Dsouza Swedel Marshall
8	Farhana Bee Abdul Aziz Kabiraj
9	Ghewde Vaishnavi Maruti
10	Gound Jyoti Rajesh
12	Ingvale Sayali Sharad
13	Khalapurkar Sanjana Sunil
14	Khan Mohd Tausif Zafreyab
15	Khan Suraiya Jamal Akhtari
16	Mahek M Kasim Dhansay
17	Maksood Ali Mahmood Ali
18	Marla Dharni Rajeshwarrao
19	Momin Simra Bi Anwar Husain
20	Morajkar Vaishali Vijay
21	Naik Chaitali Sanjay
22	Prajapati Neetesh
23	Qureshi Sana Yunus
24	Abdul Moeed Abdur Rauf
25	Rana Durga Dilip
26	Sabale Shantanu Vijay
27	Sawant Siddhi Arun
28	Ilag Roshani Ganpat
29	Shaikh Muskan Muqeem
30	Shaikh Umme Eaman Ibrar Ahmad
31	Sharma Ekta Ramlalak
32	Shirke Sonali Phulchand
35	Sutar Kajal Pandurang
36	Tambadkar Abhishek Kashinath
37	Vishwakarma Vandana Bankelal
38	Waghambare Gauri Prakash
39	Waje Prajakta Suhas
40	Yadav Ankush Shivshankar

Report Prepared by: Mrs. Jyoti Babar

Signature:

for

Signature of HOD

Name: Dr. Manju Phadke

Department: DMLT

Designation: Director.

SIES INSTITUTE OF MEDICAL AND LAB TECHNOLOGY
SION
MUMBAI

Principal
SIES College of Arts, Science &
Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

DMLT department

Industrial Visit

As a part of Co-curricular activity, ADMLT student along with two Staff member Mrs. Jyoti Babar and Mrs. Reshmi Das visited Oncopathology Centre located at Wadala. on 10th February 2023. This center is well equipped with automated instruments required for testing and identification of cancer cells. Director Oncopathology center Dr. Tejaswini Pandit explained about the technique and operation in the Centre. She coordinated with our student and given all the instructions about working of Centre, how the Cancer test to be done with automated instruments. She also explained about the working of automated machines, SOPS. faculty from Molecular department explained briefly about molecular techniques like Gene sequencing, Gene mapping, DNA and RNA hybridization and extraction etc. and their role in the histopathology section. ADMLT students learnt various techniques and their role in the diagnostic field.

List of Participants:

Roll No.	Student Name
1	Ansari Naila Tabassum Ahsan Ahmed
2	Ansari Taiba Mohammed Farooque
3	Bali Saad Mohammed Anwar
4	Chaturvedi Reetesh Akhilesh
5	Gupta Chhaya Chammanlal
6	Dethe Pratiksha Rajendra
7	Dsouza Swedel Marshall
8	Farhana Bee Abdul Aziz Kabiraj
9	Ghewde Vaishnavi Maruti
10	Gound Jyoti Rajesh
12	Ingvale Sayali Sharad
13	Khalapurkar Sanjana Sunil
14	Khan Mohd Tausif Zafreyab
15	Khan Suraiya Jamal Akhtari
16	Mahek M Kasim Dhansay
17	Maksood Ali Mahmood Ali
18	Marla Dharni Rajeshwarrao
19	Momin Simra Bi Anwar Husain
20	Morajkar Vaishali Vijay
21	Naik Chaitali Sanjay
22	Prajapati Neetesh
23	Qureshi Sana Yunus
24	Abdul Moeed Abdur Rauf
25	Rana Durga Dilip
26	Sabale Shantanu Vijay
27	Sawant Siddhi Arun
28	Ilag Roshani Ganpat
29	Shaikh Muskan Muqeem
30	Shaikh Umme Eaman Ibrar Ahmad
31	Sharma Ekta Ramlalak
32	Shirke Sonali Phulchand
35	Sutar Kajal Pandurang
36	Tambadkar Abhishek Kashinath
37	Vishwakarma Vandana Bankelal
38	Waghambare Gauri Prakash
39	Waje Prajakta Suhas
40	Yadav Ankush Shivshankar

ii. Dr. Tejashwini interacting with our DMLT students

Dr. Tejashwini MD Oncology Centre, giving explanation about techniques and processing.

Report Prepared by: Mrs. Jyoti Babar

Signature:

Name: Dr. Manju Phadke

Department: DMLT

Designation: Director.

for Signature of HOD

SIES INSTITUTE OF MEDICAL AND LAB TECHNOLOGY SION MUMBAI 400 022

Principal
SIES College of Arts, Science & Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

SIES
College of Arts, Science & Commerce (Autonomous)
RISE WITH EDUCATION
NAAC REACCREDITED - 'A' GRADE

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),

SION WEST, MUMBAI - 400 022

DEPARTMENT OF BIOTECHNOLOGY AND DEPARTMENT OF BIOCHEMISTRY

A. Title of the Seminar/Workshop/Conferences: Cryo-EM structure of the ancient eukaryotic ribosome from the human parasite Giardia Lamblia

B. Background: A lot of research is taking place on ribosomes, its evolution and its structure. The speaker is a PhD student under Nobel Laureate Prof. Ada Yonath, Department of Chemical and Structural Biology, Weizmann Institute of Science, Israel. Her work focuses on identifying the structure of ribosomes of an ancient parasite giardia lamblia and what similarities as well as differences it shows with respect to human ribosomes and how it will be helpful in creating a species-specific drug/antibiotic which will be sensitive to it.

C. Aims/Objectives: The lecture was intended to acquaint the audience with details of Cryo-EM structure of the ribosomal subunits and its evolution over ages. The software, equipment required, overall principle and a brief protocol of the same was explained.

D. Location: Mini-auditorium, SIES College of Arts, Science and Commerce.

E. Target audience/participants with expected number: UG and PG students from Biotechnology and Biochemistry. About 87 students actively participated.

F. Details of Sessions: The session was held on 22nd October 2022, from 11am to 12pm.

G. Session and names of Resource Persons: Ms. Disha Gajanan Hiregange, PhD student under Nobel Laureate Prof. Ada Yonath, Department of Chemical and Structural Biology, Weizmann Institute of Science, Israel.

H. Expected outcome: The feedback of participants stated that they found the session to be very helpful and informative.

Tara Menon

Dr. Tara Menon
Co-ordinator, Department of Biotechnology

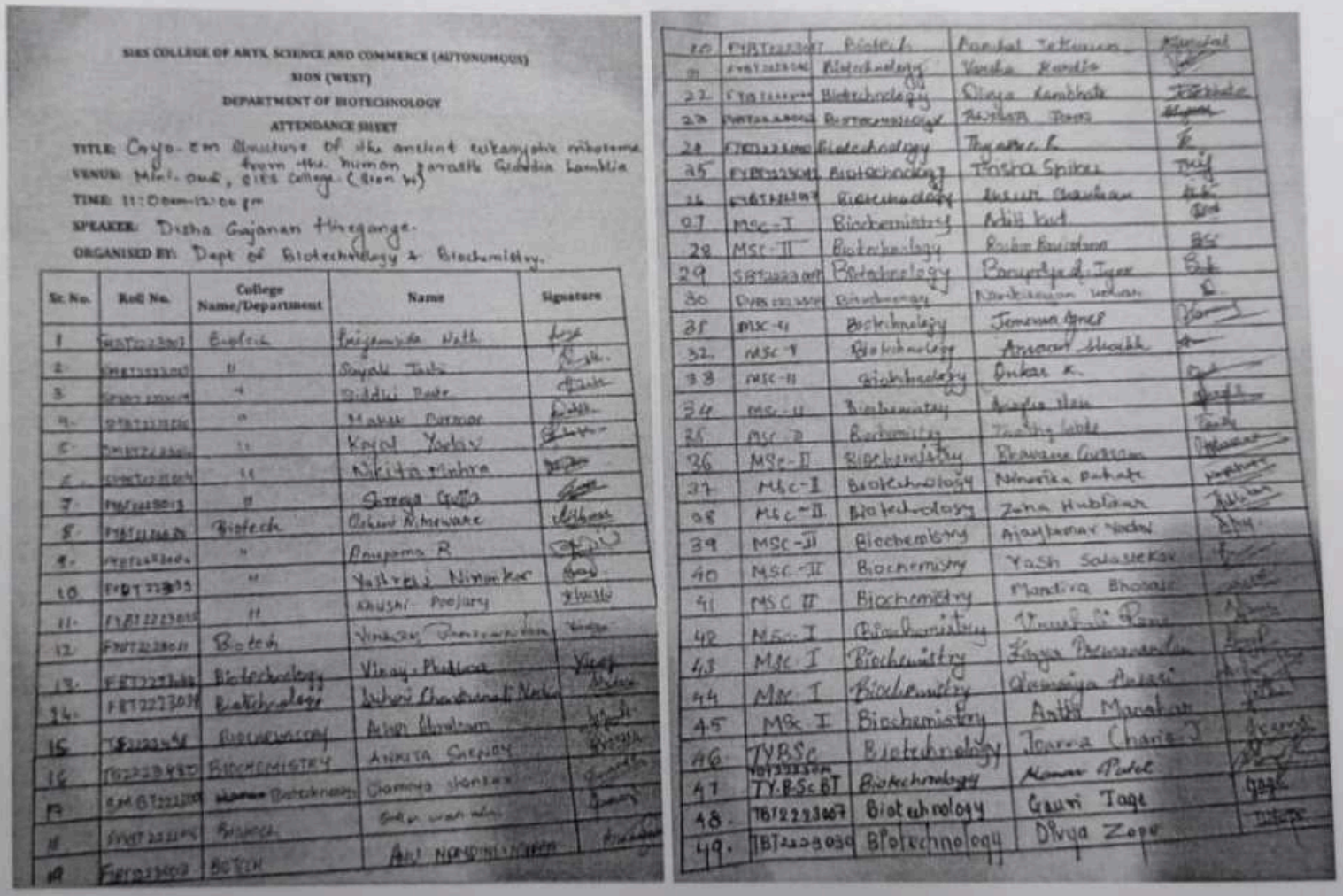
Date: 02-11-22

Annexure 1:

Details of Resource person:

Ms. Disha Gajanan Hiregange completed her Bachelors in Biotechnology and Biochemistry here at SIES College of Science, Arts, and Commerce in 2016 followed by Master's in Biology at Tata Institute of Fundamental Research in the year 2019. She is currently pursuing Ph.D. in Chemistry at the Weizmann Institute of Science in Israel, under the guidance of Nobel Laureate Prof. Ada Yonath. Her research interests include Structural Biology, Molecular Biology and Microbiology. She has many paper publications to her credit such as Cryo-EM structure of the ancient eukaryotic ribosome from the human parasite Giardia lamblia, Mutations in RPS19 may affect ribosome function and biogenesis in Diamond Blackfan anaemia, Genome instability drives epistatic adaptation in the human pathogen Leishmania to name a few. In addition to this, she has given numerous poster presentations and has also attended various conferences, the most recent one being the Ribosome Structure and Function meeting 2022 held in France. She has also achieved the Junior Research Scholar Fellowship (DAE) along with a plethora of other academic achievements.

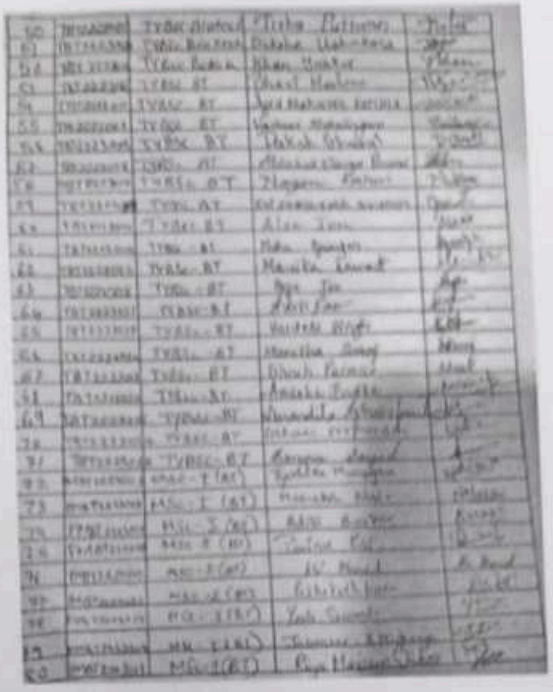
Annexure 2: Attendance Record



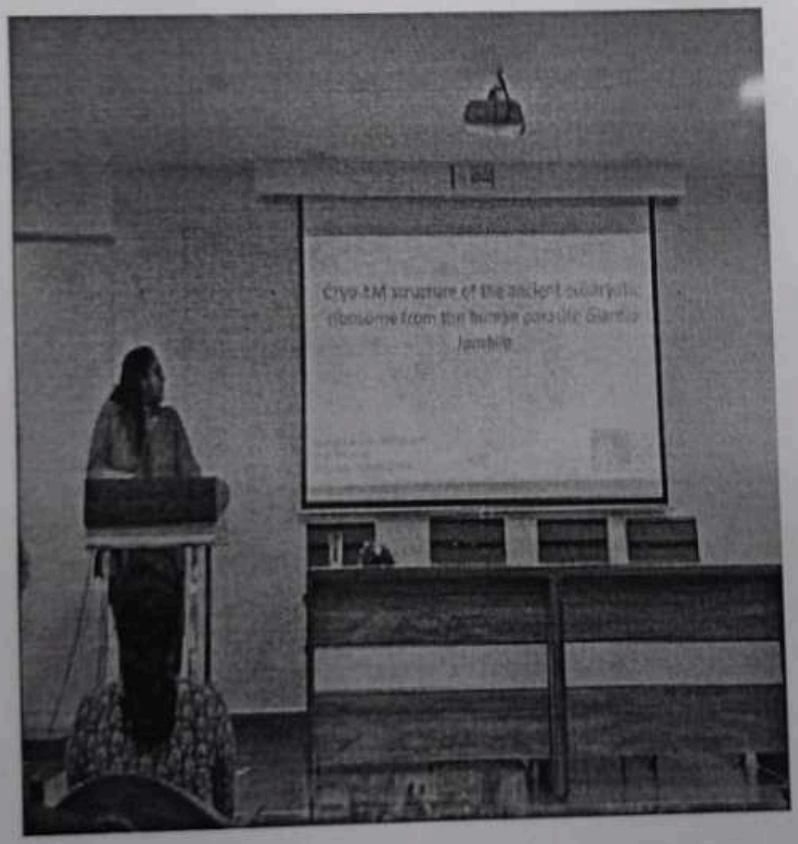
SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONUMOUS)
SION (WEST)
DEPARTMENT OF BIOTECHNOLOGY
ATTENDANCE SHEET

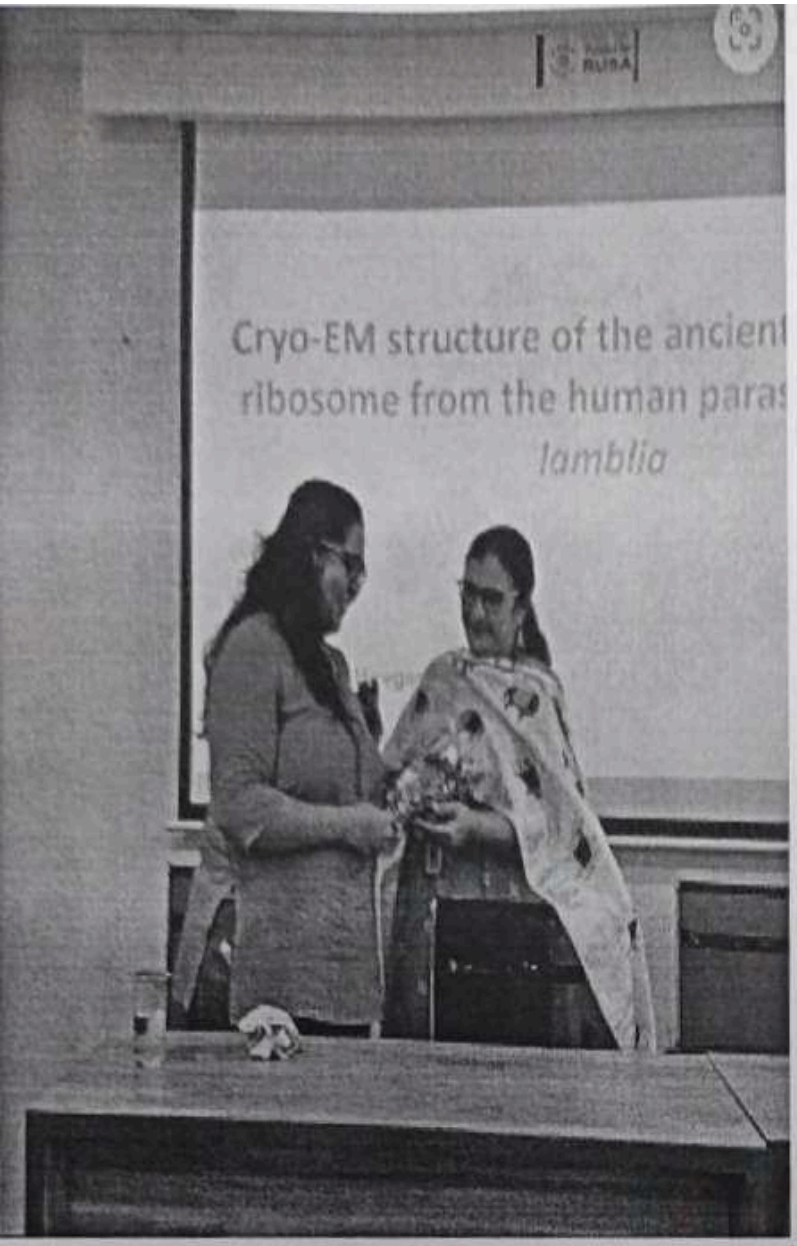
TITLE: Cryo-EM Structure of the ancient eukaryotic ribosome from the human parasite Giardia lamblia
VENUE: Mini-Auditorium, SIES College (Sion W)
TIME: 11:00am-12:00pm
SPEAKER: Disha Gajanan Hiregange.
ORGANISED BY: Dept of Biotechnology & Biochemistry.

Sr. No.	Roll No.	College Name/Department	Name	Signature
1	[illegible]	Biotech	Priyanka Nath	
2	[illegible]	"	Sayali Jadhav	
3	[illegible]	"	Siddhi Bade	
4	[illegible]	"	Manav Dumar	
5	[illegible]	"	Kajal Yadav	
6	[illegible]	"	Nikita Mishra	
7	[illegible]	"	Shreya Gupta	
8	[illegible]	Biotech	Ochini Nimwane	
9	[illegible]	"	Anupama R	
10	[illegible]	"	Yashraj Nimbalkar	
11	[illegible]	"	Khushi Poojary	
12	[illegible]	Biotech	Vinayak [illegible]	
13	[illegible]	Biotechnology	Vinay Phalkar	
14	[illegible]	Biotechnology	Ishwari Chandrakant Nerkar	
15	[illegible]	Biochemistry	Arbaz Ghodam	
16	[illegible]	BIOCHEMISTRY	ANKITA SHENOY	
17	[illegible]	Biotechnology	Shamya Shankar	
18	[illegible]	Biotech	[illegible]	
19	[illegible]	BIOTECH	ANJI NANDINI [illegible]	
20	[illegible]	Biotech	Mandal Tetuwan	
21	[illegible]	Biotechnology	Varsha Bandla	
22	[illegible]	Biotechnology	Divya Kambhale	
23	[illegible]	Biotechnology	Aishwarya Bhosle	
24	[illegible]	Biotechnology	Thyagarajan K	
25	[illegible]	Biotechnology	Tasha Spiker	
26	[illegible]	Biotechnology	[illegible] Chauhan	
27	MSc-I	Biochemistry	Aditi Kut	
28	MSc-II	Biotechnology	Roshan Bandarkar	
29	[illegible]	Biotechnology	Bonyapalli Tejas	
30	[illegible]	Biochemistry	Navneetkumar Yadav	
31	MSc-II	Biotechnology	Jemima Agnes	
32	MSc-I	Biotechnology	Ansari Shoaib	
33	MSc-II	Biotechnology	Onkar K.	
34	MSc-II	Biochemistry	Anagha Jain	
35	MSc-II	Biochemistry	Tanishq Lade	
36	MSc-II	Biochemistry	Bhavana Gurram	
37	MSc-I	Biotechnology	Nimesha Patkar	
38	MSc-II	Biotechnology	Zoha Hublikar	
39	MSc-II	Biochemistry	Ajaykumar Yadav	
40	MSc-II	Biochemistry	Yash Salaskar	
41	MSc II	Biochemistry	Mandira Bhosale	
42	MSc-I	Biochemistry	Vaishali Rane	
43	MSc I	Biochemistry	Zaiya Parvaiz	
44	MSc I	Biochemistry	Aishwarya Pawar	
45	MSc I	Biochemistry	Anita Marathe	
46	TYBSc	Biotechnology	Jasmin Charis J	
47	TY.B.Sc.BT	Biotechnology	Kanan Patel	
48	TBT2223007	Biotechnology	Gauri Tage	
49	TBT2223030	Biotechnology	Divya Zope	



Annexure 3: Photographs of Seminar/Workshop

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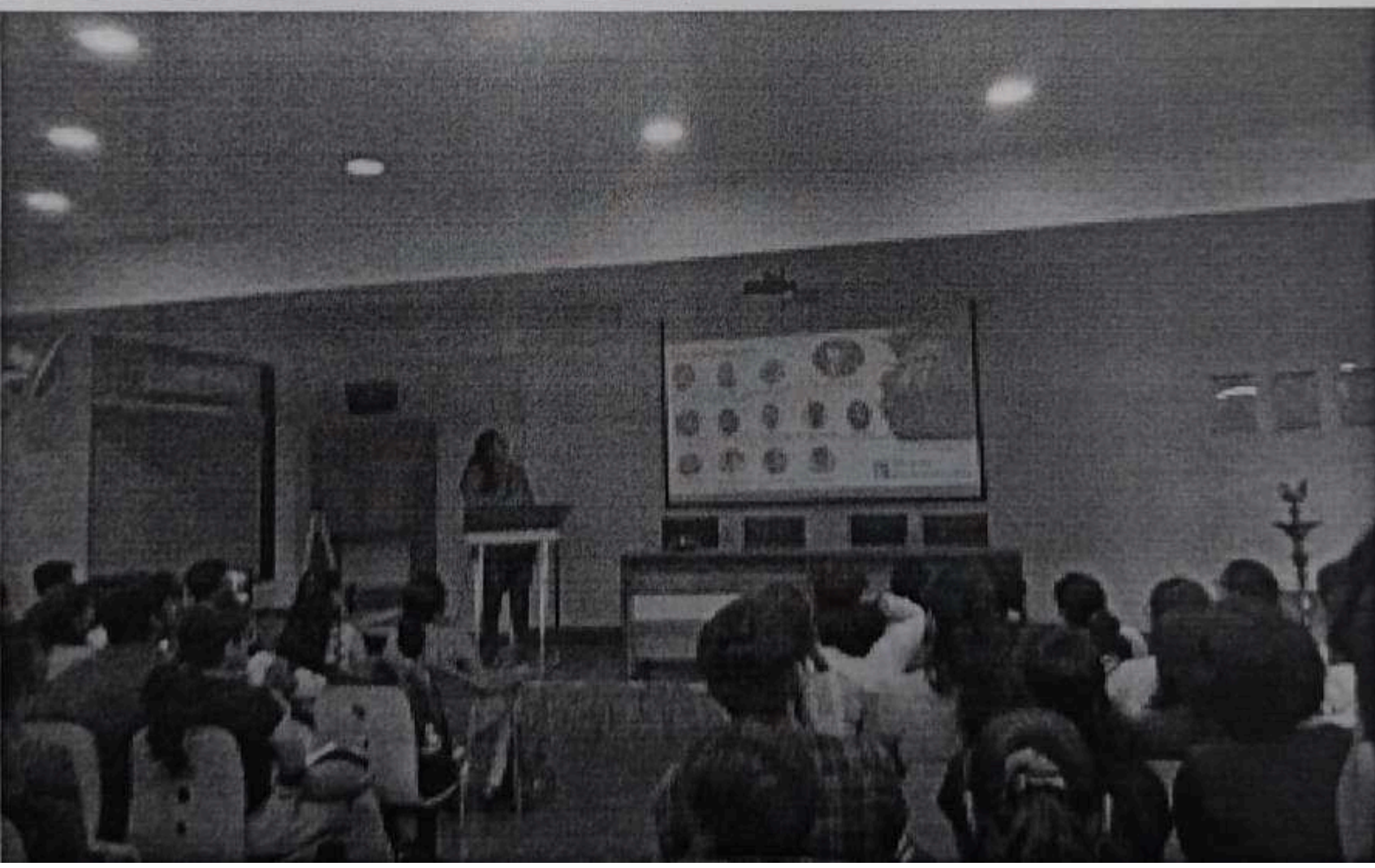
ribosome from the human paras
lamblia



Tara Menon

Dr. Tara Menon
Co-ordinator
Department of Biotechnology

Date: 02-11-22

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Bioanalytical Sciences

A. **Title of the Workshop/Activity:** One day visit to SIES School of Packaging- Packaging Technology Centre, Nerul

B. **Background:** The packaging industry plays an important in the protection, distribution and marketing of any product. The Packaging industry has a growing share in the economic development of the country. Incorrect packaging of pharmaceutical products can influence the stability of a product.The SIES School of Packaging/Packaging Technology Centre (SIES SOP/PTC) is an apex body which was set up in 2001 by SIES Trust and allied industries, with the special objective of improving the packaging standards in the country.

C. **Aims/Objectives:** To familiarize students with the various aspects of the Packaging Industry. To acquaint students with various tests carried out by the Packaging Testing Centre Laboratory.

D. **Location:** SIES School of Packaging- Packaging Technology Centre, Nerul, Navi Mumbai.

E. **Target audience/participants with expected number:** MSc Bioanalytical part 1 students. Expected number 14

F. **Date of the activity:** 27th January 2023

G. **Name of Resource Persons:** Professor. Prasad Balan Iyer (Director of SIES School of Packaging- Packaging Technology Centre) and Mr. Suresh Kunjan (Head of the Testing Laboratory, SIES School of Packaging – Packaging Technology Centre)

H. **Outcome/Feedback:** Students understood various parameters of a particular packaging material tested before and after marketing. The students also had hands on experience for testing equipment.

I. **Funding if any:** None

J. **Annexures:**

i. **List of Participants**

Sr No	Name of participants
1	Pranjal Sawant
2	Diya Dharmesh

3	Diksha Swamy
4	Khushboo Nishad
5	Rutuja Tatle
6	Komal Vishwakarma
7	Rhea Attavar
8	Archana Gupta
9	Yogita Bavaskar
10	Steffi D'souza
11	Anam Ansari
12	Saniya Shinde
13	Santoshi Chavan
14	Afian Jeevan

ii. Photographs (Geotagged)

Report Prepared by: Pracheta S Salunkhe

Signature: Pracheta Salunkhe

14/8/23

Signature of HOD

Name: Pracheta S Salunkhe

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Bioanalytical Sciences

A one day Industrial Visit to Vasantdada Sugar Institute

Aims/objectives: -

The one day Industrial Visit to Vasantdada Sugar Institute, Manjari Budruk was organized with the purpose of showing them the analytical techniques involved in testing of sugar and alcoholic beverages, for teaching them the biotechnological aspects of the sugar industry (fermentation and production of alcoholic beverages like wine, beer, etc., their sensory evaluation and hybridization of sugarcane crops for effective and high yield of sugar), to expose them to the environment of a research facility and to build up a communication with the analysts employed there for potential career prospects there including internships.

Location: -

Vasantdada Sugar Institute is in Manjari Budruk, Pune.

Target audience/participants with expected number: -

18 students of M.Sc. Bioanalytical Sciences Part 2

Date of the activity: - 30/01/2023

Name of the resource persons: -

The name of the resource persons at Vasantdada Sugar Institute were as follows: -

1) Mr. D.B. Ghule, Registrar, Vasantdada Sugar Institute
2) Mr. Vandan P. Ghule, Technical Officer, Department of Alcohol Technology and Biofuels

Outcome/Feedback: -

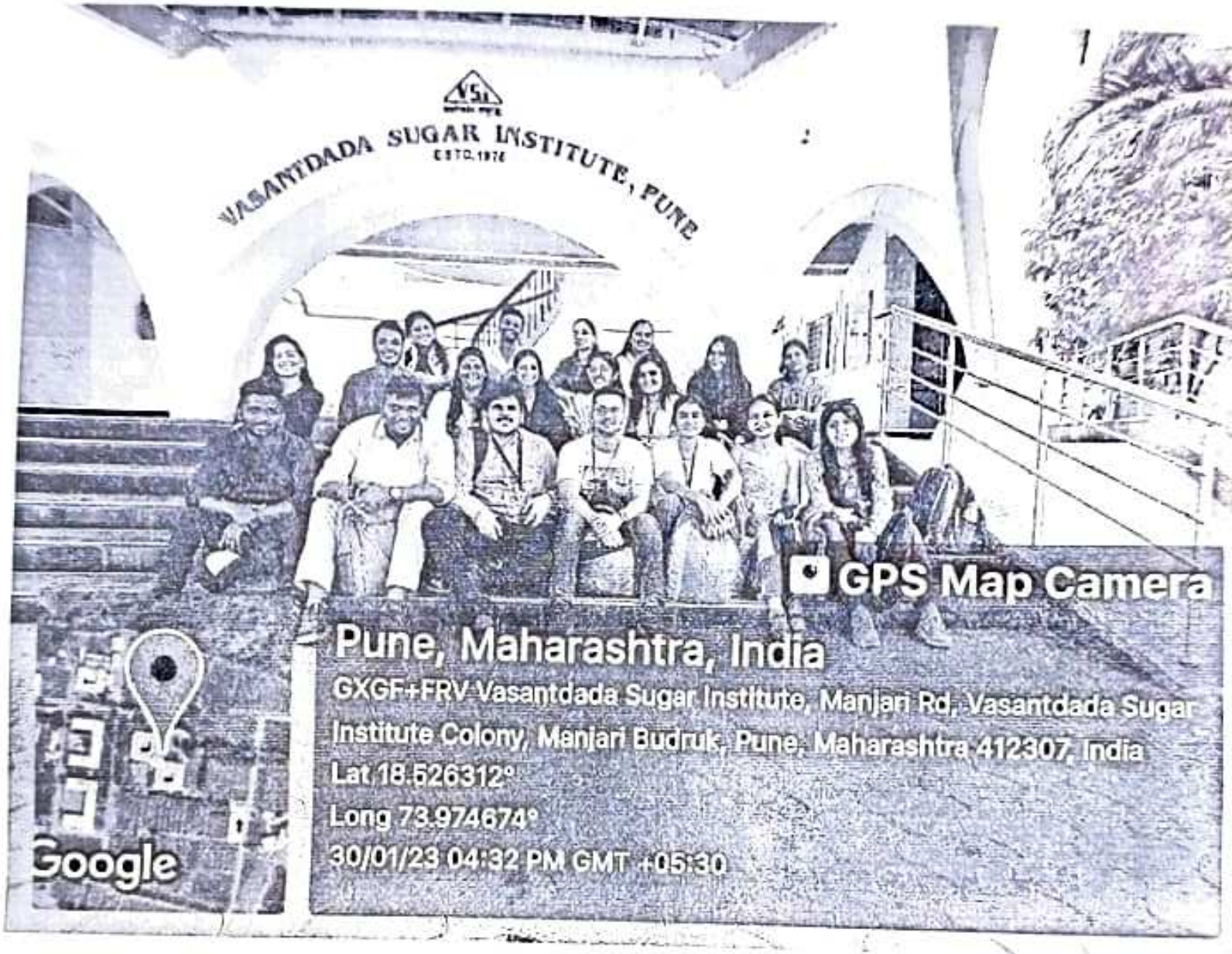
The outcome of the visit was that the students had a great learning experience and the visit to Vasantdada Sugar Institute added more depth to their knowledge.

Annexures: -

A) List of M.Sc. Bioanalytical Sciences Part 2 participants

Sr. No.	Name of the student	Roll Number	Class
1	Aditya Kubera	SMBIOANA2223001	M.Sc. II
2	Alaviya Chakraborty	SMBIOANA2223002	M.Sc. II
3	Amisha Radhakrishnan	SMBIOANA2223003	M.Sc. II
4	Amit Chauhan	SMBIOANA2223004	M.Sc. II
5	Anjali Sahani	SMBIOANA2223005	M.Sc. II
6	Eliza Raj	SMBIOANA2223006	M.Sc. II
7	Harshad Tank	SMBIOANA2223007	M.Sc. II
8	Jyoti Kalita	SMBIOANA2223008	M.Sc. II
9	Nausheera Pathan	SMBIOANA2223010	M.Sc. II
10	Pooja Mahajan	SMBIOANA2223011	M.Sc. II
11	Rohini Boywar	SMBIOANA2223012	M.Sc. II
12	Rucha Dhide	SMBIOANA2223013	M.Sc. II
13	Ryan Kuruvilla	SMBIOANA2223014	M.Sc. II
14	Sayali More	SMBIOANA2223015	M.Sc. II
15	Shruti Shivan	SMBIOANA2223016	M.Sc. II
16	Shrutika Mokal	SMBIOANA2223017	M.Sc. II
17	Subodh Satam	SMBIOANA2223018	M.Sc. II
18	Bharati More	SMBIOANA2223019	M.Sc. II

B) Geotagged Photographs: -



Report Prepared by:

15/1/23

Signature of HOD

Signature:

D Karandikar

Name: Tejas Karandikar

Department: Bioanalytical Sciences

Designation: Assistant Professor

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Zoology

A. **Title of the Workshop/Activity:** Workshop on Aquascaping

B. **Background:** With new trends and emerging technology even the world of aquascaping has transformed. Innovative aquascapes and trends in aquascaping market will lead to expansion of fields in entrepreneurship

C. **Aims/Objectives:** Indulge and develop skills to work in a commercial aquarium
Development of entrepreneurial skills
Provide exposure for aquascaping industry
Provide a base for advanced aquascaping techniques

D. **Location:** Biology Laboratory No. 1

E. **Target audience/participants with expected number:** 48 TYBSc students

F. **Date of the activity:** 1st March 2023

G. **Name of Resource Persons:** Mr. Mayur Dev

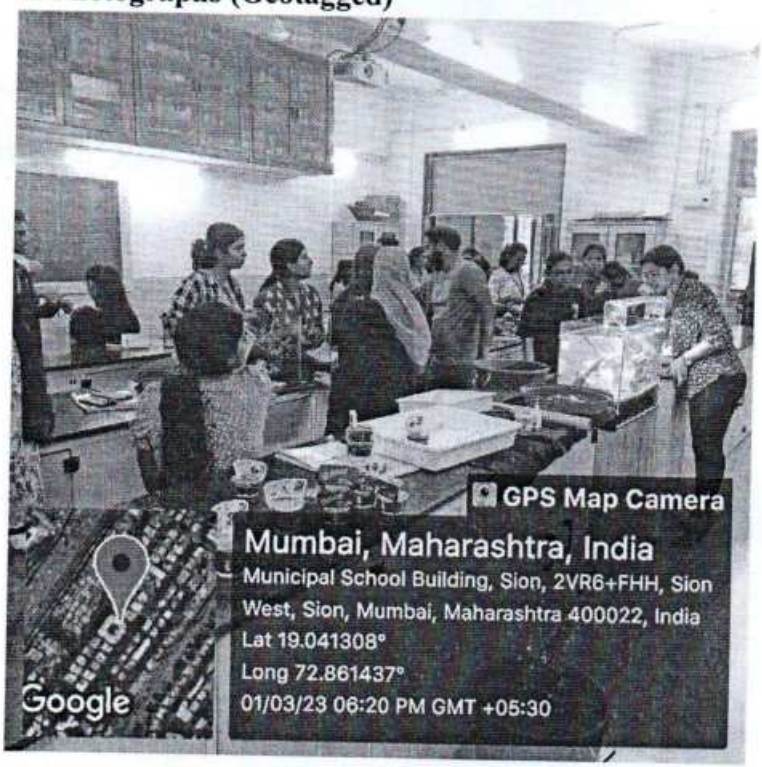
H. **Outcome/Feedback: Many students have developed skills of aquascaping and few of them are intending to pursue their career in aquascaping**

I. **Funding if any: (Mention the name of the funding agency and amount received): nil**

J. Annexures:

i. List of Participants

ii. Photographs (Geotagged)



Report Prepared by: Dr. Aditya Akarka

Signature: Aditya Akarka

Name: AdityaAkerkar

Department: zoology

Designation: Assistat Professor

8/3/2023

Signature of HOD

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Name of the Department: Botany

A. **Title of the Workshop/Activity:** International Webinar in Celebration of World Fungus Day

B. **Background:** The Department of Botany, in collaboration with the Association of Fungal Biologists, proudly organized an international webinar on World Fungus Day. This highly anticipated event marked the inaugural activity of the Association of Fungal Biologists, bringing together experts and enthusiasts from around the world to delve into the fascinating world of fungal biotechnology and explore the potential of mushroom-derived products in the field of cosmeceuticals.

The webinar featured two distinguished speakers who shared their invaluable insights and expertise. Dr. Seshagiri Raghukumar, the Chief Scientific Officer at Avisa Myko, Inc. in Goa, India, delivered an enlightening talk on "Industry Academia Connect in Fungal Biotechnology." Dr. Raghukumar's extensive experience and profound knowledge shed light on the fruitful collaboration between industry and academia, highlighting the remarkable advancements in fungal biotechnology and its applications across various sectors.

The second speaker, Dr. Susanna M. Badalyan, a renowned professor at the Laboratory of Fungal Biology and Biotechnology in the Institute of Pharmacy, Department of Biomedicine at Yerevan State University, Armenia, shared her expertise on "Mushroom-derived biotech products and cosmeceuticals." Dr. Badalyan's presentation delved into the exciting realm of mushroom-based biotechnology, discussing the potential of mushrooms in the development of innovative and sustainable cosmeceutical products.

C. **Aims/Objectives:** The objective of the international webinar conducted on World Fungus Day, organized by the Department of Botany in collaboration with the Association of Fungal Biologists, was to provide a platform for knowledge sharing, networking, and collaboration in the field of fungal biotechnology. The webinar aimed to highlight the importance of industry-academia connection in advancing fungal biotechnology, exploring the potential applications of mushroom-derived products in the field of cosmeceuticals. By bringing together renowned experts, the webinar aimed to foster

discussions, exchange insights, and inspire researchers, students, and professionals to leverage the vast potential of fungi for innovative biotechnological solutions. It provided a valuable opportunity to learn about the latest breakthroughs, share research findings, and discuss future directions in the field of fungal biotechnology and its applications in cosmeceuticals. The webinar also sought to establish the Association of Fungal Biologists as a prominent platform for future research collaborations and advancements in the field of fungal biology and biotechnology.

D. **Location:** MS Teams Platform

E. **Target audience/participants with expected number:** Students (UG and PG), Research Scholars, Faculty and Scientists; Expected number: 294

F. **Date of the activity:** 02/10/2022

G. **Name of Resource Persons:**

- Dr. Seshagiri Raghukumar, the Chief Scientific Officer at Avisa Myko, Inc. in Goa, India, delivered an enlightening talk on "Industry Academia Connect in Fungal Biotechnology."
- Dr. Susanna M. Badalyan, a renowned professor at the Laboratory of Fungal Biology and Biotechnology in the Institute of Pharmacy, Department of Biomedicine at Yerevan State University, Armenia, shared her expertise on "Mushroom-derived biotech products and cosmeceuticals."

H. **Outcome/Feedback:** This international webinar served as a platform for knowledge exchange, networking, and fostering collaborations in the field of fungal biotechnology. Participants had the opportunity to engage in thought-provoking discussions, gain insights from esteemed experts, and explore the emerging trends and advancements in fungal research. The successful completion of this international webinar marked a significant milestone for the Association of Fungal Biologists, laying the foundation for future endeavors and collaborations in advancing fungal research and its applications.

I. **Funding if any: (Mention the name of the funding agency and amount received):** NA

J. **Annexures:**

i. **List of Participants**

Sr. No.		Name of the Participant	Affiliation	Category
1.	Mr.	Sunil Prabhakar Bhagat	ADT's Shardabai Pawar Womens Arts Commerce and Science College, Shardanagar, Malegaon Bk., Baramati.	Faculty
2.	Mr.	Sayyad Amin Gulabbhai	Ahmednagar College Ahmednagar	Research Scholar
3.	Dr.	Prasad Lamrood	Ahmednagar College, Ahmednagar	Faculty
4.	Dr.	Ashok Chandrabhan Jadhav	All India Coordinated Research Project on Mushroom, College of Agriculture, Shivajinagar, Pune -411005 (MS)	Faculty
5.	Mr.	Harish	Bannari Amman Institute of Technology	Student

6.	Ms.	Keerthana S	Bannari Amman Institute of Technology	Student
7.	Ms.	Prathiksha S	Bannari Amman Institute of Technology	Student
8.	Ms.	Pratiksha V Pai	Bannari Amman Institute of Technology	Student
9.	Mr.	S. Jeeva	Bannari Amman Institute of Technology, Sathiyamangalam.	Student
10.	Dr.	Suruchi Kadu	Bijlal Biyani Science College	Faculty
11.	Dr.	Kamal Prasad	Centre For Advanced Agriculure Research	Others
12.	Dr.	Vagish Dwibedi	Chandigarh University	Faculty
13.	Mr.	Santosh Shyam Shinde	Department Of Botany, Sppu, Pune	Student
14.	Dr.	Ramesh Upadhyay	Directorate Of Mushroom Research	Faculty
15.	Mr.	Suresh Nath	Dr. Harisingh Gour University Sagar	Research Scholar
16.	Ms.	Isha Sharma	Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar MP	Research Scholar
17.	Ms.	Neelam Chaudhary	Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.), 470003	Research Scholar
18.	Ms.	Dharini Pandey	Dr. Harisingh Gour Vishwavidyalaya, Sagar M. P	Research Scholar
19.	Ms.	Benita Bavtis Rodrigues	Elphinstone College, Fort	Faculty
20.	Mr.	Ravindra Singh Rawat	Forest Research Institute	Research Scholar
21.	Ms.	Neha Rajwar	Forest Research Institute, Dehradun	Research Scholar
22.	Dr.	D. Jayarama Bhat	Formerly Department of Botany, Goa University	Faculty
23.	Mr.	Shaik Hussain	Freelancer	Research Scholar
24.	Dr.	Jain Devendra Shantilal	GETS ACS College Nagaon Dhule Maharashtra	Faculty
25.	Dr.	Vijay Vardhan Pandey	Government Opium and Alkaloid Works, Ghazipur	Others
26.	Ms.	Pooja Joshi	Graphic Era Deemed to Be University, Dehradun	Research Scholar
27.	Dr.	Sunil Deshmukh	Greenvention Biotech Pune	Others
28.	Ms.	Surbhi Pandey	Guru Ghasidas Vishwavidyalaya Bilaspur Chhattisgarh	Research Scholar
29.	Mr.	Pratik Phate	Institute of Science Mumbai	Student
30.	Mr.	Shankar Badiger	Ismail Yusuf College	Student
31.	Dr.	Minal Anil Patil	J.S.M. College, Alibag Dist Raigad Maharashtra	Faculty
32.	Dr.	Preeti Vinayak Phate	JSM College Alibag	Faculty
33.	Mr.	Mohd Shahbaan	KNIPS	Research Scholar

34.	Dr.	Asersha	Life Care Clinic	Others
35.		Uzmaa Yasin Qureshi	Maharashtra College Of Arts Science and Commerce	Student
36.	Dr.	Sashirekha Sureshkumar	Mithibai College	Faculty
37.	Ms.	Ankita Milind Raul	Mithibai College	Research Scholar
38.	Ms.	Maibam Riya Devi	Mizoram University	Student
39.	Dr.	Prachi Raval	Modern College Of Arts Science & Commerce,Ganeshkhind, Pune 411016.	Faculty
40.	Ms.	Shravani Sachin Gaikwad	Modern College of Arts Science And Commerce Pune	Student
41.	Ms.	Aishwarya Mohan Kulkarni	Modern College of Arts, Science And Commerce	Student
42.	Ms.	Vaishnavi D Sanap	Modern College Of Arts, Science And Commerce, Shivajinagar,Pune	Student
43.	Dr.	Pradnya Abasaheb Mane	Mudhoji College, Phaltan	Faculty
44.	Mr.	Jitendra Kumawat	Myoworks	Faculty
45.	Ms.	Kaveri Vishwas Sable	New Art's, Commerce and Science College Ahmednagar	Research Scholar
46.	Mrs.	Shaikh Rihana A	New Arts Commerce and Science College. Parner	Faculty
47.		Pawar Samiksha	PDEA Vagire College Saswad	Student
48.	Dr.	Vidya Patankar	PDEA'S Waghire College Saswad	Faculty
49.		Memane Shravani Gorakhnath	PDEA'S Waghire College, Saswad	Student
50.	Dr.	Hiralal Bhaskar Sonawane	Prof. Ramkrishna More College Akurdi Pune	Faculty
51.	Dr.	Michelle L. Desouza	R. D & S. H. National College and S. W. A. Science College	Faculty
52.	Mr.	Tukaram Barku Kanoja	R.K.Talreja College Ulhasnagar	Student
53.	Mr.	Balasaheb Bhoknal.	R.P.Nashik	Others
54.	Mrs.	Sakshi	Ramnarain Ruia College of Arts, Science and Commerce (Autonomous), Matunga	Research Scholar
55.	Mr.	Sangharatna Yuvraj Tayade	Rayat Shikshan Sanstha's Arts, Science and Commerce College, Mokhada Dist. Palghar	Faculty
56.	Dr.	Deelip G. Shimpi	RNC Arts,JDB Commerce & NSC Science College,Nashik Road,Marashtra,India	Faculty
57.	Dr.	Chatrsing Motiram Pawara	S. P. D. M. College, Shirpur	Faculty
58.	Dr.	Sambhaji Yashwantrao Patil	S. S. V. P. S. L. K. Dr. P. R. Ghogrey Science College Dhule	Faculty
59.	Ms.	Ruchika Dani	S.I.E.S College of Arts, Science And Commerce	Faculty
60.	Ms.	Stanislaus Nimosha	S.I.E.S. College	Student
61.	Mr.	Zuber Akbar Choudhary	S.I.E.S. College Of Arts, Science And Commerce	Student

			[Autonomous] Sion (W)	
62.	Ms.	Pooja Gaikwad	S.P. Dnyansadhna College Thane	Student
63.	Dr.	Babasaheb Dadabhau Varpe	S.S.G.M.College, Kopargaon.Dist.Ahmadnagar	Faculty
64.	Ms.	Jyoti Milind Pawar	S.S.V.P. S's College Dhule	Research Scholar
65.	Mr.	U. Muthuvel	Saraswathi Narayanan College	Research Scholar
66.	Dr.	Dr. Varsha Nimbalkar	Sarhad College Of Arts, Commerce and Science, Katraj, Pune	Faculty
67.	Dr.	Dr Sunil A Gosavi	Sathaye College Vile-Parle East Mumbai 57	Research Scholar
68.	Ms.	Komal Ghude	Satish Pradhan Dnyansadhana College	Student
69.	Ms.	Shivani Gupta	Satish Pradhan DNYANSADHNA COLLEGE	Student
70.	Ms.	Sayali Wankhede	Satish Pradhan Dnyansadhna College	Student
71.	Mr.	Jitendra R. Patil	Seva Sadan's R. K. Talreja College of Arts, Science And Commerce, Ulhasnagar-3	Faculty
72.	Ms.	Apurva Shankar Chonde	Seva Sadan's R. K. Talreja College, Ulhasnagar, Thane, Maharashtra	Student
73.	Dr.	Dr. Ghanwat Sanjay Parshuram	Shri Dnyaneshwar Mahavidyalaya Newasa	Faculty
74.	Dr.	Sanjay Arjunrao Kamble	Shri Muktanand College Gangapur Dist. Aurangabad M. S.	Faculty
75.	Dr.	Alpa K Patel	SICES Degree College , Ambarnath	Faculty
76.	Ms.	Nargis Rais Khan	Sies	Student
77.	Ms.	Manisha Bhagirath Patel	Sies College	Student
78.	Ms.	Priyanka Prajapati	Sies College	Student
79.	Ms.	Shweta Sanjay Mahankar	Sies College Of Arts Science And Commerce	Student
80.	Mr.	Aryan Shivshanker	SIES College Of Arts Science And Commerce	Student
81.	Ms.	Chaitrali Deshpande	SIES College Of Arts Science And Commerce	Student
82.	Ms.	Sandra Balakrishnan	SIES College Of Arts Science And Commerce	Faculty
83.	Ms.	Shweta Madhukar Waydande	SIES COLLEGE OF ARTS SCIENCE AND COMMERCE (AUTOMOUS)SION	Student
84.	Ms.	Arockia Brightny Jeyakumar Juliet	Sies College Of Arts, Science And Commerce	Student
85.	Ms.	Nadar Jeba Reshma	SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE	Student
86.	Mr.	Prabhanjan Limaye	Sies College Of Arts, Science And Commerce	Student
87.	Ms.	Sukanthi Chandrasekar	Sies College Of Arts, Science And Commerce (Sion-West)	Student

88.	Dr.	Mahavir Gosavi	SIES College Of Arts, Science And Commerce, Autonomous	Faculty
89.	Dr.	Madhavi Kapatkar	Sinhgad College Of Science,Pune	Faculty
90.	Dr.	Rajendra Deorao Yeole	Smt G G Khadse College Muktainagar	Faculty
91.	Dr.	Rahul Suresh Bhosale	Srm Khatav	Faculty
92.	Ms.	Kavita Vikas Patil	SSVPS's L.K. Dr. P.R. Ghogrey Science College, Dhule	Research Scholar
93.	Mr.	Kshitij Singh	St. Xavier's College, Mumbai	Student
94.	Ms.	Gurleen Kaur Sodhi	Thapar Institute of Engineering and Technology	Research Scholar
95.	Mr.	Pushkar Bharti	Thapar Institute of Engineering and Technology	Research Scholar
96.	Ms.	Shreya Gupta	Thapar Institute of Engineering and Technology	Research Scholar
97.	Ms.	Ankita	Thapar Institute of Engineering and Technology	Research Scholar
98.	Dr.	Dr. B. Sampath Kumar	Vels Institute of Science, Technology And Advanced Studies	Faculty
99.	Mr.	Y Manjunatha Reddy	Visvodaya Government Degree College	Faculty
100.	Ms.	Kapre Sakshi Hindurav	Waghire College Saswad	Student
101.	Ms.	Janrao Kranti Dayanand	Waghire College Saswad	Student
102.	Ms.	Khaladkar Srushti Sanjay	Whagire College Of Art Commerce and Science Saswad	Student
103.	Ms.	Negilin Miffiah E	Bannari Amman Institute Of Technology	Student
104.	Dr.	Aasawari Tak Shenwai	Satish Pradhan Dnysadhana College Thane	Faculty
105.	Dr.	Vishnu Vaze	Uttan Vanaushadhi Sanshodhan Sanstha	Research Scholar
106.	Dr.	Neeraja S Tutakne	SIES College Autonomous Sion (West) Mumbai	Faculty
107.	Mrs.	Ashwini Aniruddha Deshpande	SIES College Of ASC(Autonomous), Sion (West)	Faculty
108.	Ms.	Sheetal Vats	Thapar Institute Of Engineering And Technology	Research Scholar
109.	Ms.	Ramandeep Kaur	Thapar Institute Of Engineering And Technology,Patiala	Research Scholar

ii. **Photographs (Geotagged)**

Report Prepared by:

Signature:

Name: Mrs. Sakshi

Department: Botany

Designation: Assistant Professor

Dr. Mahavir Gosavi

Head, Department of Botany

SIES College of Arts, Science & Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Tattvam: Philosophy Association 2022-2023

Title of the Workshop/Activity: Guest lecture on Zoroastrianism

Background: Spread more awareness around the religion of Zoroastrianism for better understanding to facilitate comparative analysis.

Aims/Objectives: Help learners understand the relevance, religious practices and present scenario of Zoroastrian faith.

Location: Room no. 19, SIES College of ASC, Sion (W)

Target audience with expected no: Degree college students of Philosophy & Comparative religions=. 25

Date of the activity: 13th July, 2022

Name of Resource person: Yazishni Gandhi

Outcome/Feedback:

- The guest lecture clarified so many myths and brought forward so many facts about Zoroastrianism. It churned the participant's thoughts and gave them a clear insight to Zoroastrian rituals.

Funding if any: None.

Report :

Guest lecture on 'Zoroastrianism then and now', was organised on the 13th of July by Ms.Vrushali Gupte, Chairperson of Tattvam, from 7:20 to 8:08. The guest lecture which was arranged for the Second year students of the Comparative study of religion that was centred on Zoroastrianism. Yazishni Gandhi, a former student at SIES presented this lecture on the old and modern Zoroastrian traditions which gave the second-year students an inside look into their rich culture

Annexure 1: Photos of the Event

Miss Yazishini Gandhi giving an analysis of practices existing in the religion of Zoroastrianism

Report prepared by: Ananya Nair

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS) MUMBAI 400 022

Signature of the HOD
Name: Dr. Uma Shankar
Department: Philosophy

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