Activity Report

Name of activity	Research Induction Programme on "Systematic Enquiry on Scientific Research."		
Objectives of the activity (maximum 40 words)	• To develop scientific research aptitude among students. • To promote critical thinking and analytical problem-solving. • To train students in basic research methodology and documentation. • To encourage the application of scientific knowledge for innovative and social solutions.		
Organizing department/s	Chemistry Department		
Collaborative institute	-		
Date (DD / MM / YYYY)	19/11/2025 to 24/11/2025		
Venue	Classroom No.1, VPM's B.N. Bandodkar College of Science, (Autonomous) Thane		
Mode	Offline		
Details of Resource person (name, designation, institution)	• Dr. P. S. Wagh • Dr. S.S. Kahandal • Dr. Rupesh C. Patil • Dr. A. N. Bhumkar • Mr. Hrishikesh Labhade • Dr. Anita Pandey • Mr. Jaidip Wable		
Key Participants	TY and M.Sc. Students		
Remarkable outcomes/ key take-away messages (max. three)	• Students understood key steps of scientific research and hypothesis formation. • Students learned to collect, interpret, and analyse data effectively. • Students gained the ability to draw rational conclusions with social relevance. • Students developed confidence and a positive attitude toward research activities.		
Details of participants			
Total Number	32 + 07 staff members		
Outsiders	Nil		
In-house	Faculty members: 07		
	Total Number of Students: 32		
	Day	**Session 1**	**Session 2**
	Day 1	Total:28; Male: 07, Female: 21	Total: 29; Male: 07 Female: 22
	Day 2	Total: 17; Male: 06 Female: 11	Total: 21; Male: 07 Female: 14
	Day 3	Total: 07; Male: 02 Female: 05	-
	Day 4	Total: 09; Male: 01 Female: 08	-

	Day 5	Total: 15; Male: 04 Female: 11	-
Additional information	Nil		
Name of Coordinator/ teacher in-charge	Dr. S.S. Kahandal		

Geotagged Photos:-

Day-1 – Session-1

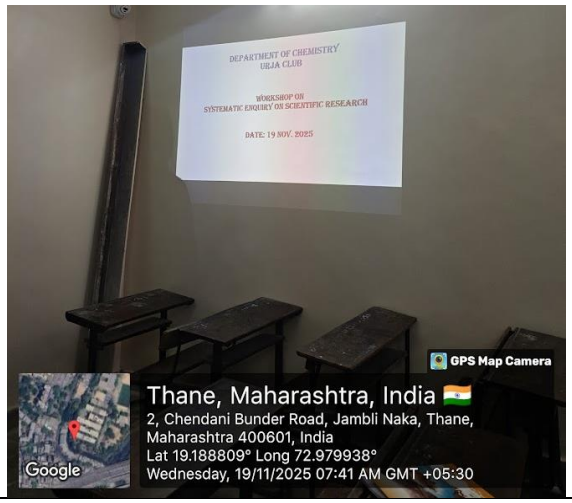
Day-1 - Session-2

Day-2 - Session-1

Day-2 - Session-2

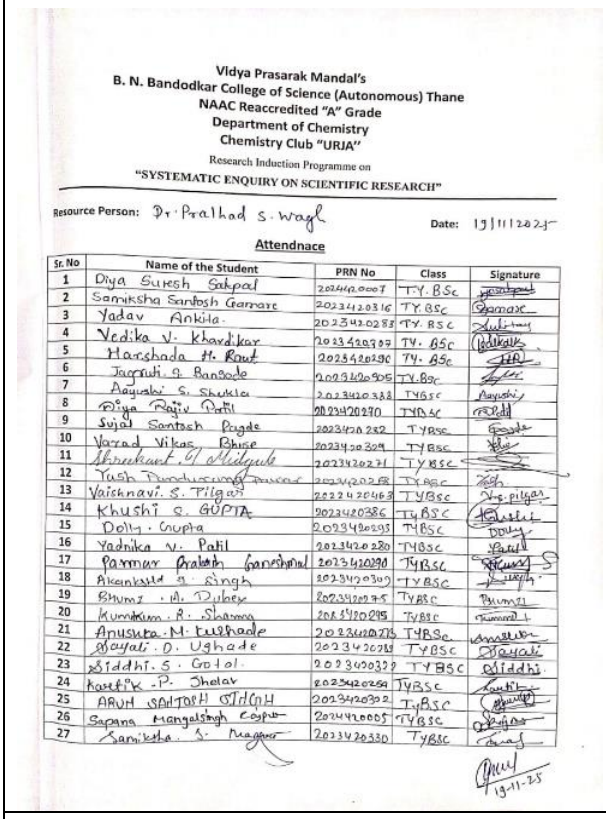
Day-3

Day 4

Day 5	**Orientation Session**
	

Attendance:-

Day 1 : Session 1 (19/11/2025)



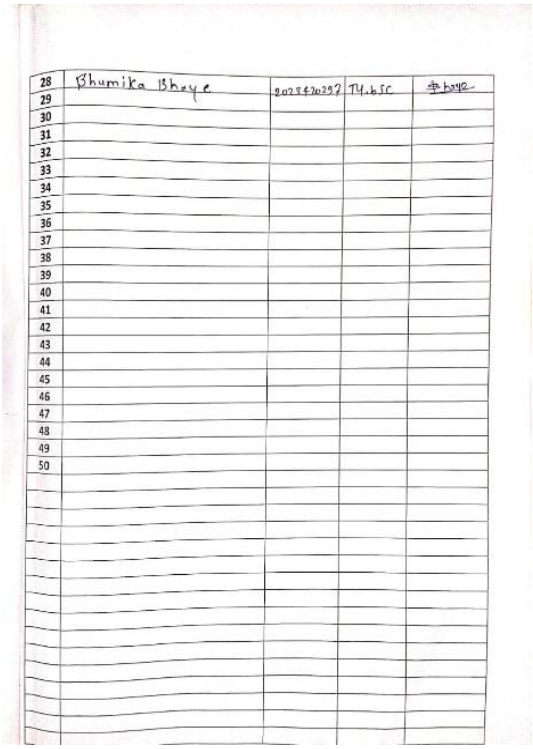
Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"
Research Induction Programme on
"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

Resource Person: Dr. Pralhad S. Wagh Date: 19/11/2025

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Diya Suresh Sakpal	2024420007	T.Y. BSc	[signature]
2	Samiksha Santosh Gamare	2023420316	TY. BSc	[signature]
3	Yadav Ankita	2023420283	TY. BSc	[signature]
4	Vedika V. Khardikar	2023420307	TY. BSc	[signature]
5	Harshada H. Raut	2023420290	TY. BSc	[signature]
6	Jagruti S. Bansode	2023420305	TY. BSc	[signature]
7	Aayushi S. Shukla	2023420388	TYBSc	[signature]
8	Diya Rajiv Patil	2023420270	TYBSc	[signature]
9	Sujal Santosh Pagde	2023420282	TYBSc	[signature]
10	Varad Vikas Bhise	2023420329	TYBSc	[signature]
11	Shreekant T. Mitgude	2023420271	TYBSc	[signature]
12	Yash Pandurang Pawar	2023420258	TYBSc	[signature]
13	Vaishnavi. S. Pilgar	2022420463	TYBSc	[signature]
14	Khushi S. GUPTA	2023420386	TYBSc	[signature]
15	Dolly. Gupta	2023420293	TYBSc	[signature]
16	Yadnika V. Patil	2023420280	TYBSc	[signature]
17	Parmar Prakash Ganeshmal	2023420290	TYBSc	[signature]
18	Akanksha S. Singh	2023420309	TYBSc	[signature]
19	Bhumi. A. Dubey	2023420275	TYBSc	[signature]
20	Kumkum. R. Sharma	2023420295	TYBSc	[signature]
21	Anushka. M. Kushade	2023420273	TYBSc	[signature]
22	Sayali. D. Ughade	2023420289	TYBSc	[signature]
23	Siddhi. S. Gotal	2023420322	TYBSc	[signature]
24	Kartik. P. Shelar	2023420254	TYBSc	[signature]
25	ARUN SANTOSH SINGH	2023420322	TYBSc	[signature]
26	Sapana Mangalsingh Gupta	2024420005	TYBSc	[signature]
27	Samiksha. S. Nagare	2023420330	TYBSc	[signature]

19-11-25



28	Bhumika Bhoye	2023420297	TY.BSc	[signature]
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				

Day 1 : Session 2 (19/11/2025)

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"

Research Induction Programme on

"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

Resource Person: Dr. Sandeep S. Kahandal Date: 19/11/25

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Diya Suresh Sakpal	2021420007	T.Y. BSc	
2	Samiksha Santosh Gamare	2023420316	TyBSc	
3	Sayali Deepak Ughade	2023420283	TYBSC	
4	Siddhi Sachin Gotal	2023420322	TYBSC	
5	Diankshi T. Singh	2023420159	TYBSC	
6	Pawar Prajakti Ganesh	2023420290	TYBSC	
7	Yadnika Patil	2023420280	TYBSC	
8	Bhumi A. Dubey	2023420295	TYBSC	
9	Kumkum R. Sharma	2023420295	TYBSC	
10	Sapana M. Rajput	2024420005	TYBSC	
11	Maniyam T. Khan	2024420004	TYBSC	
12	Sainiksha A. Nagar	2023420330	TYBSC	
13	Anushka H. Kurhade	2023420298	TYBSC	
14	Diya Rajiv Patil	2023420370	TYBSC	
15	Jagruti G. Bansode	2023420305	TY.Bs	
16	Aayushi S. Shukla	2023420388	TYBSC	
17	Harshada H. Raut	2023420336	TYBSC	
18	Vedika V. Khardikar	2023420309	TYBSC	
19	Pragya D. Dubey	2025420306	TYBSC	
20	Ankita D. Yadav	2025420288	TYBSC	
21	Vaishnavi S. Pilgar	2022420463	TYBSC	
22	Khushi S. Gupta	2023420386	TY BSC	
23	Dolly S. Gupta	2023420293	TYBSC	
24	Yash Pandurang Pawar	2023420268	TYBSC	
25	Harsh P. Shelar	2023420259	TYBSC	
26	Arun Santosh Singh	2023420302	TyBSc	
27	Shrikant D. Shelgude	2023420271	TY BSc	
28	Sujal Santosh Pagde	2023420282	TY BSc	
29	Varad Vikas Bhise	2023420329	TYBSC	
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				

Day-2 (20/11/2025)

Session 1

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"

Research Induction Programme on

"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

Resource Person: Dr. Rupesh C. Patil Date: 20/11/2025

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Yadnika Vivek Patil	2023420280	TYBSC	
2	Isha Dashrath Raut	2023420262	TY BSC	
3	Harshada H. Raut	2023420296	TYBSC	
4	Yash Pandurang Pawar	2023420268	TYBSC	
5	Sapana M. Rajput	2024420005	TYBSC	
6	Noori Fatima Ansari	2023420324	TYBSC	
7	Ashutosh Amrish Malgaonkar	2025420315	M.Sc-I	
8	KHUSHI S. GUPTA	2023420386	TY BSC	
9	Vaishnavi S. Pilgar	2022420463	TYBSC	
10	ARUN SANTOSH SINGH	2023420302	TyBSc	
11	Sobhya R. Pandey	2025420320	M.Sc-I	
12	AAYUSHI S SHUKLA	2023420388	TYBSC	
13	Abhishek S. Surve	2025420398	MSC-I	
14	Harsh P. Shelar	2023420259	TYBSC	
15	Sayali Deepak Ughade	2023420283	TYBSC	
16	Siddhi Sachin Gotal	2023420322	TYBSC	
17	Dolly Gupta	2023420293	TYBSC	
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

Session 2

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"

Research Induction Programme on

"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

Resource Person: Dr. Ajit N. Bhemkar Date: 20/11/2025

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Ashutosh Amrish Malgaonkar	2025420315	M.Sc-part I	
2	Isha Dashrath Raut	2023420262	TY BSC	
3	Yadnika Vivek Patil	2023420280	TYBSC	
4	Sayali Deepak Ughade	2023420283	TYBSC	
5	Siddhi Sachin Gotal	2023420322	TYBSC	
6	KHUSHI S. GUPTA	2023420386	TYBSC	
7	NOORI FATIMA	2023420324	TYBSC	
8	Pragya D. Dubey	2025420306	TYBSC	
9	Ankita D. Yadav	2025420288	TYBSC	
10	Abhishek S. Surve	2025420398	MSC-I	
11	Sobhya R. Pandey	2025420320	M.Sc-I	
12	Yash Pandurang Pawar	2023420268	TYBSC	
13	ARUN SANTOSH SINGH	2023420302	TYBSC	
14	Vaishnavi S. Pilgar	2022420463	TYBSC	
15	Harshada H. Raut	2023420296	TYBSC	
16	AAyushi S. Shukla	2023420388	TYBSC	
17	Kuldheen Yadav	2023420286	T.YBSC	
18	Maniyam Khan	2024420004	T.YBSC	
19	Sapana M. Rajput	2024420005	TYBSC	
20	Harsh P. Shelar	2023420259	TYBSC	
21	Dolly S. Gupta	2023420293	TYBSC	
22				
23				
24				
25				
26				
27				

Day-3 (21/11/2025)

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"
Research Induction Programme on
"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

Resource Person: Mr. Hrishikesh S. Labhade Date: 21/11/25

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Aayushi Sunil Shukla	2023420388	TYBSC	Aayushi
2	Harshada Hanumant Raut	2023420296	TYBSC	[illegible]
3	Abhishek S. Gaure	2025420398	MSC-I	[illegible]
4	Yash Pandurang Pawar	2023420268	TYBSC	Yash
5	Vaishnavi. S. Pilgar	2022420463	TYBSC	V.S.pilgar
6	Munazza Iwas Mahimi	2023420266	TYBSC	Munazza.
7	Aayushi Shukla	2023420388	TYBSC	Aayushi
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

Day-4 (22/11/2025)

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"
Research Induction Programme on
"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

Resource Person: Dr. Anita Pandey. Date: 22/11/2025

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Yash Pandurang Pawar	2023420268	TYBSC	Yash
2	Harshada H. Raut	2023420296	TYBSC	[illegible]
3	Diya Rajiv Patil	2023420270	TYBSC	[illegible]
4	Jagruti. S. Bansode	2023420305	TY.BSC	[illegible]
5	Pasha Aaliya	2023420313	TYBSC	Aaliya
6	Haque Sadiya khatun Mojamal	2023420310	TYBSC	[illegible]
7	Vedika Vinayak Khardikar.	2023420307	TYBSC	Vedika
8	Aayushi Shukla	2023420388	TYBSC	Aayushi
9	Pragya. D. Dubey	2023420306	TYBSC	[illegible]
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

Day-5 (24/11/2025)

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science (Autonomous) Thane
NAAC Reaccredited "A" Grade
Department of Chemistry
Chemistry Club "URJA"
Research Induction Programme on
"SYSTEMATIC ENQUIRY ON SCIENTIFIC RESEARCH"

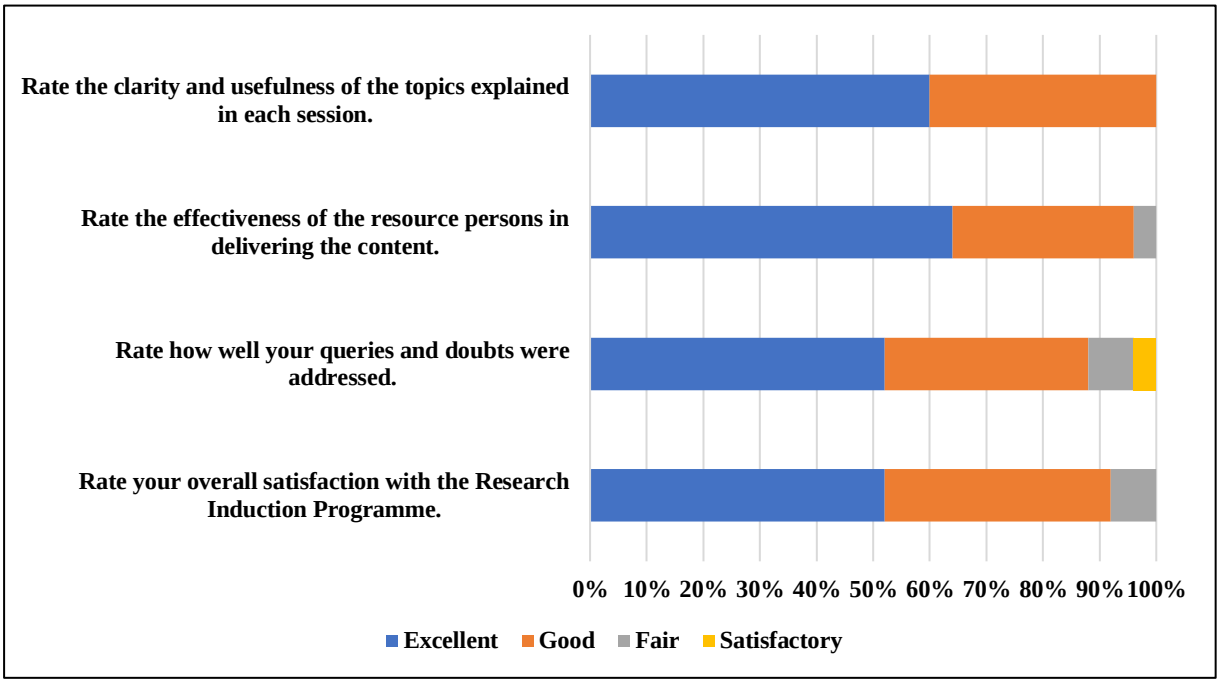
Resource Person: Mr. Jaidip Wable Date: 24/11/2025

Attendnace

Sr. No	Name of the Student	PRN No	Class	Signature
1	Diya Suresh Sakpal.	2024420007	T.Y. BSC	[illegible]
2	Samiksha Santosh Gamare	2023420216	T.Y.BSC	Gamare
3	Aditi Pramod Joshi	2023420323	T.Y.BSC	Joshi
4	Kumkum P. Sharma.	2023420295	T.Y BSC	[illegible]
5	Ankita. Yadav	2023420283	T.Y. BSC	[illegible]
6	Diya Rajiv Patil	2023420270	TYBSC	[illegible]
7	Sujal Nagde.	2023420282	TYBSC	Nagde
8	Varad Bhise	2023420329	TYBSC	Bhise
9	Yash Pandurang Pawar	2023420268	TYBSC	[illegible]
10	Vedika V. Khardikar	2023420307	TYBSC	[illegible]
11	Harshada H. Raut	2023420296	TYBSC	[illegible]
12	Gapana. M. Rajput	2024420005	T.YBSC.	[illegible]
13	Vedika N. Matekar	2023420263	TY.BSC	Matekar
14	Vaishnavi. S. Pilgar	2022420463	TYBSC	V.S.pilgar
15	Kartik. Shelar	2023420254	TYBSC	[illegible]
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

24/11/25

Flyer/Notice:-

Date and Day	Name of the topic	Resource Person
19/11/2025 Wednesday 7:30 A.M	Inauguration Function Data collection and Data Analysis • Tools and Resources • Validation and Interpretation	Dr. P. S. Wagh
19/11/2025 Wednesday 8:30 A.M	Reference and Citations in Research Manuscript • Citations styles in different Journals Impact factor	Dr. S. S. Kahandal
20/11/2025 Thursday 7:30 A.M	Research Communications and Publications • Scientific Publisher/Journal/Agencies Copyrights, Ethics and Plagiarism	Dr. Rupesh C. Patil
20/11/2025 Thursday 8:30 A.M	Literature Review Process Database and search Engines • References Management Tools	Dr. A. N. Bhumkar
21/11/2025 Friday 10:45 A.M	Writing of effective research Manuscript • Clarity and Structure of the Manuscript • Data Presentation, Analysis, Critical Discussion and Conclusion	Mr. Hrishikesh Labhade
22/11/2025 Saturday 11:40 A.M	Research Career Opportunities • Institutions/Universities • Fellowships/Funding Agency	Dr. Anita Pandey
24/11/2025 Monday 7:30 A.M	Writing of effective Research Proposal • Selection of research Title, Clarity of Research problem and Objectives • Systematic arrangement of data	Mr. Jaidip Wable
24/11/2025 Monday 8:30 A.M	Valedictory Function	

Graphical Representation of Feedback:-