

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

## **Vivekanand College, Kolhapur**

*(Empowered Autonomous)*

### **Full Report on**

**“Exhibition of Water Repellent Coatings and its Industrial Applications”**

Organized by

Department of Physics and IQAC

On

**Day, Date & Time: Tuesday, 16<sup>th</sup> January 2024 at 11.00 AM to 02.00 PM**

Submitted by

**Dr. Sanjay S. Latthe**

*Head of the Department,*

*Department of Physics, Vivekanand College, Kolhapur (Empowered Autonomous)*

Submitted to

**Internal Quality Assurance Cell (IQAC)**

*Vivekanand College, Kolhapur (Empowered Autonomous)*

**(2023 – 24)**

## **Table of Information**

<b>Sr. No.</b>	<b>Content</b>	<b>Numbers</b>
01	Total Participants	218
02	Female Students	126
03	Male Students	92



# Notice

*"Dissemination of Education for Knowledge, Science and Culture"*

*- Shikshanmaharshi Dr. Bapuji Salunkhe*

Shri Swami Vivekanand Shikshan Sanstha's

## Vivekanand College, Kolhapur

*(Empowered Autonomous)*

### Department of Physics

# Notice

Date: Friday, 12<sup>th</sup> January 2024

It is hereby informed to all the students of B.Sc. – I to III, M.Sc.- I and II that an "Exhibition of Water Repellent Coatings and its Industrial Applications" is organized by Department of Physics on Tuesday, 16<sup>th</sup> January 2024 at 11.00 AM to 02.00 PM. All the students and faculty are requested to visit on time.



sslathe  
Dr. Sanjay S. Lathe  
**HEAD**  
**DEPARTMENT OF PHYSICS**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(EMPOWERED AUTONOMOUS)**

## Photographs during the Program



























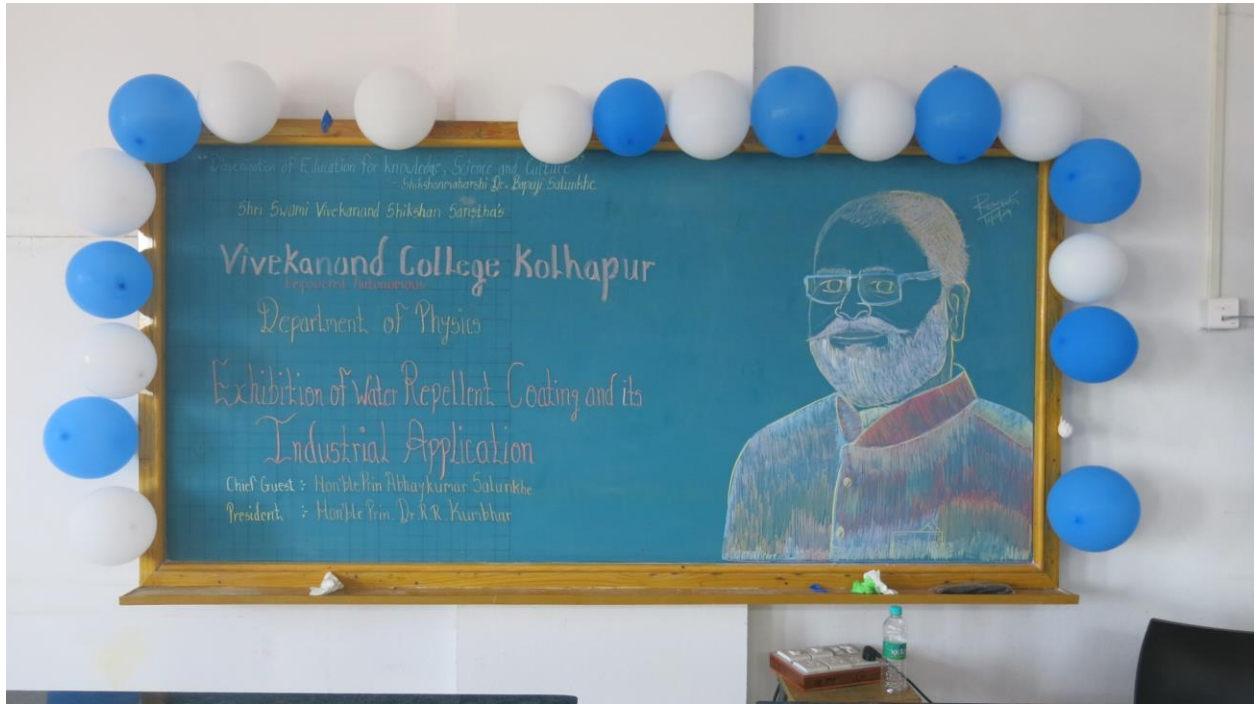












# Attendance

"Dissemination of Education for Knowledge, Science and Culture"  
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

## Vivekanand College, Kolhapur

(Empowered Autonomous)

Department of Physics

### "Exhibition of Water Repellent Coatings and its Industrial Applications"

on

Tuesday, 16<sup>th</sup> January 2024 at 11.00 AM to 02.00 PM

#### Attendance Sheet

Sr. No.	Name of the Student / Staff	Class/Subject	Signature
1)	Prema Mohan Patil	Bsc Biotech (Entire)	Pmpatil
2)	Jyoti Deepak Yadav	B.Sc Biotech	Jyoti Yadav
3)	Riya Suresh yadav	BSc. Biotech (Entire)	Riyayadav
4)	Tanuja Netaji Mhetkar	BSc Biotech (Entire)	Tanuja
5)	Anushka Arvinda Nikam	B.Sc Biotech (Entire)	AN
6)	Shreya Eknath Gurav	BSc Biotech (Entire)	Gurav
7)	shiddhi Dipak Belekar	B.Sc Biotech (Entire)	Belekar
8)	Vaishnavi Vasudev Patil	BSc. Biotech (entire)	VPatil
9)	Sai Shivaji Kamble	BA-I	Sai Kamble
10)	Renuka Peepak Charan	B.A III	R.D.C
11)	Kanchan Suresh Patil	PhD student	KPatil
12)	Eshwari Parsu Pol	BSc. biotech entire	Eshwari
13)	Zsha Jagdish GURAV	Bsc. biotech ent	Zsha Gurav
14)	Shreya Suresh Patil	BSc Biotech Ent.	Shreya Patil
15)	Samsudhi Sanjay Mahind	BSc Biotech Ent	Samsudhi
16)	Triveni Pundlik Bijje	BSc Biotech entire	Triveni
17)	Shroveni Bhalash Bhamburde	Bsc Biotech entire	Shroveni

		Class	Sign
18)	Shruti Nitin Chikalkar	Biotech (centive)	<del>Shruti</del>
19)	Manasvi Sagare Vharkat	Biotech(Ent)	M.S. Vharkat
20)	Preeti Daniel Kale	Biotech(Ent)	<del>Pale</del>
21)	Shrutika Anant Bawadekar	Biotech(Ent)	<del>Bawadekar</del>
22)	Vaishnavi Santosh Dhavan	Biotech(Ent)	<del>Shavan</del>
23)	Aditi B. Chauhan	M.Sc [S.Y]	Aditi
24)	Shivani Dattatray Jygar	- 11 -	Shivani
25)	Chinmye Babul Dhavale	BCS - III	Chinmye
26)	Prarthan. F. Kamble	BCS - III	<del>Pamble</del>
27)	Shweta Sardar Mithari	Msc. II	Shweta
28)	Sapna Pandit Todkar	Msc II	SPTodkar
29)	Kusmita Sudhir Potdar	Msc-II	<del>Potdar</del>
30)	Shruti Harish Bam	MSc II	<del>Shruti</del>
31)	Snehal Nitin Ahiwale	Msc II	Snehal
32)	Rahat Jankhane	BBA	<del>Rahat</del>
33)	Dr. Ravati Patil	BBA	<del>Ravati</del>
34)	Miss Vaidahi. D. Banasode	Research Student	<del>Banasode</del>
35)	Rajshree mahesh Randive	M.Sc II	Rajshree
36)	Pranali Shirke	- 11 -	Pranali
37)	Sarmati. R. Navghane	Biotech(Ent)	Navghane
38)	Suchita R. Parit	- 11 -	<del>Parit</del>
39)	Swati P. Pawar	- 11 -	<del>Pawar</del>
40)	Samiksha C. Sawant	- 11 -	<del>Sawant</del>
41)	Shruti. S. Kanekar	- 11 -	<del>Kanekar</del>
42)	Samrudhee. J. Talekar	- 11 -	<del>Talekar</del>
43)	Kaumudi Phope	- 11 -	<del>Phope</del>
44)	Shambhavi Josthi	- 11 -	<del>Josthi</del>
45)	Sanika. S. Jadhav	- 11 -	<del>Jadhav</del>
46)	Ayesha A. Shaikh	BSC II	<del>Shaikh</del>
47)	Jyoti. H. Mamer	BSC II	<del>Jyoti</del>
48)	Ms. Yogita S. Patil	Home science	Yogita
49)	Ms. Sai S. Patil	Home Science	SaiPatil

		class	sign
50)	Sayali Pundlik lohar	BSC II	<u>Splhree</u>
51)	Diksha R. Kumbhar	BSC II	<u>DK</u>
52)	Shreya B. Patil	BSC II	<u>Shreya</u>
53)	Gayatri A. Awate	BSC II	<u>Gayatri</u>
54)	Snigdha S. Patil	BSC II	<u>Snigdha</u>
55)	Heena S. Bagwan	BSC II	<u>Heena</u>
56)	Mudita S. Karunakar	BSC II	M.S.K.
57)	Saniya S. Attar	BSC II	<u>Saniya</u>
58)	Jayshri K. Sutar	B.Sc. II	<u>Jayshri</u>
59)	Nirjara Shivaji Todakar	B.Sc. II	<u>Nirjara</u>
60)	Suhani Sadashiv Patil	B.Sc. II	<u>Suhani</u>
61)	Savali Shivaji Prabhu	BSC II	<u>Savali</u>
62)	Prachi Sanjay Mali	BSC II	<u>Prachi</u>
63)	Vedika Sudhir Bhosale	BSC II	<u>Vedika</u>
64)	Aabida Altaf Mujawar	BSC II	<u>Aabida</u>
65)	Aditi Vinod Suryawanshi	BSC II	<u>Aditi</u>
66)	Shruti Milind Kundale	BSC II	S.M.K.
67)	Shweta Sanjay Gawade	BSC III	<u>Gawade</u>
68)	Trupti Vijay Patil	BSC III	<u>Trupti</u>
69)	Pallavi Savanta Shinde	B.Sc. - III	<u>Pallavi</u>
70)	Sadhana Sanjay Singh	B.Sc. - III	<u>Sadhana</u>
71)	Siddhi B. Mane	B.Sc. III	<u>Siddhi</u>
72)	Tejaswini S. Patil	B.Sc. III	<u>Tejaswini</u>
73)	Srushti P. Mohite	B.Sc. III	<u>Srushti</u>
74)	Neelam P. Balgohire	Ph.D	<u>Neelam</u>
75)	Sakshi K. Salokhe	BGS-I	<u>Sakshi</u>
76)	Samiksha Kherade	BGS-I	<u>Samiksha</u>
77)	Sakshi Dubey	BSC III	<u>Sakshi</u>
78)	Dipali Karne	BSC-III	<u>Dipali</u>
79)	Shivani More	Bsc-III	<u>Shivani</u>
80)	Jyoti Gurdale	BSC III	<u>Jyoti</u>
81)	Rutuja Patil	A Faculty	<u>Rutuja</u>



		class	sign
82)	Pallavi Vijay Ransubhe.	Dept of stat	<u>Puyak</u>
83)	Rutuja Sudhakar Pandhare	-11-	<u>Pandhare</u>
84)	Aishwarya Kalmeshwar Bhasute	-11-	<u>Ashute</u>
85)	Makandaz Ashiyana M	-11-	<u>(A) Ashiyana</u>
86)	Pooja Chintamani Parishwad	Dept Com.	<u>Pooja</u>
87)	Dr. Shrushti Joshi	English	<u>Joshi</u>
88)	Sakshi Raju Bisanje	BSC-II	<u>Bisanje</u>
89)	Divya Ananda Fadlore	BSC-I	<u>Fadlore</u>
90)	Krushna Balavant Mane.	BSC-I	<u>Mane</u>
91)	Sakshi Bajirav Gaikwad	BSC-I	<u>Gaikwad</u>
92)	Kajal Baliram Sankpal	BSC-I	<u>Sankpal</u>
93)	Parimal Chandrashekhare Kadam	BSC-I	<u>Kadam</u>
94)	Shital Shivaji Patil	BSC-I	<u>Patil</u>
95)	Shevarani Rajesh Patil	BSC-I	<u>Patil</u>
96)	Shreya Pravin Patil	BSC-I	<u>Patil</u>
97)	Shreya Deepak Ahane	BSC-I	<u>Ahane</u>
98)	Desai Sijal Anil	BSC-III	<u>Desai</u>
99)	Terani Akshata Sanjay	BSC-III	<u>Terani</u>
100)	Tawade Sharvati Sharad	B.Tech I	<u>Tawade</u>
101)	Patil Gayatri Uday	B.Tech I	<u>Patil</u>
102)	Dhekane Purna Uttam	BSc Cs I	<u>Dhekane</u>
103)	Shital M. Malavi	maths	<u>Malavi</u>
104)	Anketa M. Sathe	maths	<u>Sathe</u>
105)	Pallavi M. Dessai	B.C.S	<u>Dessai</u>
106)	Varkhedi C. Dalvi	B.C.S	<u>Dalvi</u>
107)	Dr. A.S. Tapare	Dept of chem.	<u>Tapare</u>
108)	Mfss. P.A. Gholap	dept of chem	<u>Gholap</u>
109)	Ms. S.N. Inamdar	chemistry	<u>Inamdar</u>
110)	Ms. Ncha Rajesh Shinde	Maths	<u>Shinde</u>
111)	Ms. Prajakta Mahesh Keli	-11-	<u>Keli</u>
112)	Ms. Anuja Balaso Magdum	-11-	<u>Magdum</u>
113)	Ms. Mounali Ajit Pawar.	-11-	<u>Pawar</u>

114)	Rutuja M. Mandekar	BSc. SY	<del>Rutuja</del>
115)	Sadiya Z. Kazi	BSc. SY	<del>Sadiya</del>
116)	Vrushali S. Ekshinge	BSc. SY	<del>Vrushali</del>
117)	Namrata A. Jadhav	zoology (staff)	<del>Namrata</del>
118)	Teetiksha R. Gaikwad	zoology (staff)	<del>Teetiksha</del>
119)	Diya Kiran Poojar	BSc. SY	<del>Diya</del>
120)	Sanika Sagar Majgarkar	BSc. SY	<del>Sanika</del>
121)	Ms. V. V. Pawar	faculty	<del>Ms. V. V. Pawar</del>
122)	Samrudhi Dhanaji Wadkar	BSc. SY	<del>Samrudhi</del>
123)	Sharwari Yuvraj Patil	BSc. SY	<del>Sharwari</del>
124)	Mushfira Balu Shaikh	BSc. SY	<del>Mushfira</del>
125)	Diksha Devdatta Parulekar	BSc. SY	<del>Diksha</del>
126)	Dhanshri Uttam Kashid	BSc. SY	<del>Dhanshri</del>
127)			
128)			
129)			
130)			
131)			
132)			
133)			
134)			
135)			
136)			
137)			
138)			
139)			
140)			
141)			
142)			
143)			
144)			
145)			

/M

"Dissemination of Education for Knowledge, Science and Culture"  
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

## Vivekanand College, Kolhapur

(Empowered Autonomous)

Department of Physics

# "Exhibition of Water Repellent Coatings and its Industrial Applications"

on

Tuesday, 16<sup>th</sup> January 2024 at 11.00 AM to 02.00 PM

### Attendance Sheet

Sr. No.	Name of the Student / Staff	Class/Subject	Signature
1)	Pritam S. Hubali	FY-BCA	
2)	Pratik S. Kamble	BCA SV	
3)	Prasad V. Lokare	BCA-FY	
4)	Sujal M. Mahiparti	BCA-FY	
5)	Yash R. Kamble	BCA-FY	
6)	Branav R. Kutawade	BCA-FY	
7)	Shubham S. Jadhav	BCA-FY	
8)	Abhishek A. Kachare	BCA-FY	
9)	Aditya A. Kumbhar	B.C.A-fy	
10)	Tejas H. Kamble	BCA-FY	
11)	Ashutosh N. Singh	B.C.A.FY	
12)	Ritesh S. Savtekar	B.S.C.S.Y	
13)	Dr. S. S. Ankushrao	Chemistry	
14)	Mr. S. H. Chavan	B.Commerce	
15)	Prof. A. P. Patil	Pol. Sci	
16)	Sameer Pathan	Computer	
17)	Dr. Kajal S. Patil	Economics	

18)	Hrishikesh Yuvraj Adurkar	HW SY-AI	Hritvi
19)	Rajwardhan Sardar Saenobad	FY-AI	<del>For</del>
20)	Manish Baburo Kumbhar	BSC II	<del>Manish K.</del>
21)	Ajay Dadasaheb Kute	BSC - II	<del>Ajay S</del>
22)	Ritesh Borgamp	} BSC II } Biotech (Ent)	<del>RS</del>
23)	Ankur Thakre		<del>AK</del>
24)	Chetan Patil		<del>Chetan</del>
25)	Shridhar Patil		<del>Shridhar</del>
26)	Mr. Supale Rushiraj Shashikant	Ph.D.	<del>Supale</del>
27)	Shreegadh Hemish Beem	Bsc Bio	<del>Shreegadh</del>
28)	Harshdeep Salokhe	Bio tech	<del>Harshdeep</del>
29)	Ketan Patil	Bsc. Biotech	<del>Ketan</del>
30)	Aditya. A. Dadarne	BSC. II	<del>Aditya</del>
31)	Pranav A Chougule	BSC - II	<del>Pranav</del>
32)	Rumprasad Chandrakant Dongare	Bsc. - III	<del>Rumprasad</del>
33)	Shreyash K. Gharpade	Bcs - III	<del>Shreyash</del>
34)	Soham. A. Borage	Bcs - III	<del>Soham</del>
35)	Akash. Gojare	Bcs - III	<del>Akash</del>
36)	Shubham Mane	Bcs - III	<del>Shubham</del>
37)	Suyash S. Dongare	Msc-I	<del>Suyash</del>
38)	Dhruv P. Bhingredev	Msc-I	<del>Dhruv</del>
39)	Aakash. B. Kavchekar	Msc-I	<del>Aakash</del>
40)	Abhishek S. Dyama	Msc-II	<del>Abhishek</del>
41)	Shivaraj. C. Kavatagi	Msc-II	<del>Shivaraj</del>
42)	Ankash. S. Sutar	Msc-II	<del>Ankash</del>
43)	Nikhil. R. Baba	Bsc. I	<del>Nikhil</del>
44)	Harsh Patnekar	Bsc. I	<del>Harsh</del>
45)	Vijay Diophade	Bsc. I	<del>Vijay</del>
46)	Harsh Dabade	Bsc. I	<del>Harsh</del>
47)	Ganesh Kumbhar	Bsc. I	<del>Ganesh</del>
48)	Aditya Musale	B.Sc III	<del>Aditya</del>
49)	Ammar Mujawar	B.Sc III	<del>Ammar</del>

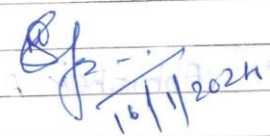
		Class	Sign
50)	Shubham Anil Gavali	B.Sc. IV	<u>Shubham</u>
51)	Anand Nagappa Bixadar	Msc-II	<u>Anand</u>
52)	St Misam Ashfaq Pathan	Bsc III	<u>Misam</u>
53)	Soyam Dipak Sawant	Bcs III	<u>Soyam</u>
54)	Pratik Suhask Kadam	Bcs III	<u>Pratik</u>
55)	Mayur Luxman Patil	Bcs III	<u>Mayur</u>
56)	Faukej B. Kolsundkar	Bcs III	<u>Faukej</u>
57)	Sambhaji V. Patil	-II-	<u>Sambhaji</u>
58)	Shubham S. Khavre	-II-	<u>Shubham</u>
59)	Pawar. Ajit Anjun	Staff	<u>Pawar</u>
60)	Bhosale Ashok Bapu	Statistics	<u>Ashok</u>
61)	Yashwant Netake	Bcs-III	<u>Yashwant</u>
62)	Nitin Salunkhe	Bcs III	<u>Salunkhe</u>
63)	Sushant Yadav	Bsc-II	<u>Sushant</u>
64)	Kartik Patil	Bsc-II	<u>Kartik</u>
65)	Sammed Patil	Bsc-II	<u>Sammed</u>
66)	Prithviraj Shewale	Bsc II	<u>Prithviraj</u>
67)	Rizwan Sheikh	B.Sc II	<u>Rizwan</u>
68)	Yogesh Shewale	B.Sc II	<u>Yogesh</u>
69)	Yogesh Shelke	B.Sc-II	<u>Yogesh</u>
70)	Ashutosh Yadam	B.Sc-II	<u>Ashutosh</u>
71)	Rohan Mane	B.Sc II	<u>Rohan</u>
72)	Mr. Satish Vinayak Upalavikar	Staff B.Voc.	<u>Satish</u>
73)	Sanket. Dalalikar	Bcs-I	<u>Sanket</u>
74)	Shekhar Kapasa	Bcs I	<u>Shekhar</u>
75)	Kumbhar Swaraj Kishore	Statistics	<u>Kumbhar</u>
76)	Hasbe Saad Sanjay	Bsc-III	<u>Hasbe</u>
77)	Dinkar Sunil Misal	Bsc.-III	<u>Dinkar</u>
78)	Brem Milind Agrawal	Bsc. I	<u>Brem</u>
79)	Dr. Somnath V. Kale	Asst Prof (Econ)	<u>Dr. Kale</u>
80)	Abhishek P. Chougale	Political Science	<u>Abhishek</u>
81)	Rushikesh Sarjerao Raut.	Bsc. I.	<u>Rushikesh</u>

		Class	Sign
82)	Sumit Jotiba Dhabale	B.SCI	S.S. Dhabale
83)	Swapnil Sudhakar Shetke	B.SCI	Swapnil
84)	Rushikesh Vinayak Shinde	B.Sc I	<del>RS</del>
85)	Sanyam Nijaykumar Mawataye	B.S.CI	<del>SM</del>
86)	Hitenendra Suryajionu Salunke	lib.	HS
87)	Dr. Sanjay S. Latthe	Faculty	SS Latthe
88)	Mr. Sanjay P. Thorat	Faculty	ST
89)	Dr. C.B. Patil	Faculty	CP
90)	Dr. Swapnil Maruti Buchade	Faculty	SB
91)	Dr. Ajinkya Ajit Babarole	Faculty	AB
92)	Dr. Vijay Hariba Pawar.	Faculty	VP
93)			
94)			
95)			
96)			
97)			
98)			
99)			
100)			
101)			
102)			
103)			
104)			
105)			
106)			
107)			
108)			
109)			
110)			
111)			
112)			
113)			

## Feedback by Visitors

### EXHIBITION OF WATER REPELLENT COATINGS AND ITS INDUSTRIAL APPLICATIONS - 2024

Sr.No.	Name of students	Stream	Feedback
1.	Dr. D. S. Gaikwad	chemistry	Excellent Exhibition of water repellent coating.
2.	Mr. G. B. Kolhe	Mathematics	Innovative Exhibition for students.
3.	Tejay H. Kamble	<del>chemistry</del> BCA	Excellent.
4.	Poornav. R. Kutevale	BCA	Nice work.
5.	Prasad V. Lokare	BCA	Very Nice.
6.	Yash. R. Kamble	BCA	Excellent innovative ideas.
7.	Sujal M. Mahipati	BCA	Useful innovation.
8.	Abhishek A. Kachare	BCA	Good innovation.
9.	Pratik S. Kamble	BCA	It's gonna be very useful.
10.	Pritam S. Hubali	BCA	hand creative mind
11.	Aditya. A. Kumbhar	BCA	Informative, innovative & helpful
12.	Ashutosh. N. Singh	BCA	Excellent work
13.	Tanuja N. Mhetkar	BSc Biotech	Overall experience was good but it could be more innovative
14.	Anushka A. Nikam	B.Sc. Biotech	Newly invented process is was eagerly known but answers of participant should be more satisfactory.

Sr No.	Name of student	Stream	Feedback
15	Principal Shubhangi Gawade	Secretary Shri Swami Vivekanand Shiksha Sanstha	Excellent & Brilliant work & idea which can be implemented all over.  Wishing you all the Best to Mr. Lathe & Team
			 16/11/2024
16	Priana Mohan Patil	B.Sc. Biotech.	According to this generation it will be very useful. But, there is many exp exceptional cases. So it is satisfied through participar Patil. 7020288134.
17	Dr. S.S. Ankushrao	Chemistry	Innovative hydrophobic coating materials are developed & applied on various objects. will be future's leading technology
18	Jyoti Deepak Yadav	B.Sc Biotech Goyadar 9307201400	Exhibition about Superhydro phobic object/things are



No.	Name of student	Stream	Feedback
19	Siddhi Dipak Belekar	B.Sc Biotech	Very nice <del>Belekar</del> 9313734585
20	Vaishnavi Vasudev Patil	B.Sc Biotech	Nice work. <del>Patil</del> 7666862486
21	Shreya Eknath Gurav	B.Sc Biotech	Nice work <del>Gurav</del> 8767095592
22)	Ajay Dadasaheb Kuk Biotech (ent)	Biotech (ent)	Nice research on Ti & Hydrophobic. & this two things was excellent. <del>Ajay</del> : 9370966819
23)	Manish Babasa Kumbhar	Biotech (ent)	Very nice work 8010567213 <del>Manish</del>
24)	Renuka Deepak Chavran	BA III	नवनवीन माहिती मिळाली, 9822682310 R.D.C
25)	Sau Shiraji Kamble	BA-I	Very nice work 8999663616 <del>Kamble</del>
26)	Shreya Suresh Patil	BSc-II Biotech Entire.	Very nice concept which are very useful in daily life. <del>Patil</del> 7558233516
27)	Samsudhi Sanjay Mahind	BSc-II Biotech (Entire)	Nice Work <del>Mahind</del> 8767928700
28)	Isha J. GURAV	BSc II Biotech (entire)	Very innovative & very nice information provided. Liked it. <del>Gurav</del> 9142446677
29)	Eshwari P. Pol	BSc II Biotech entire	Excellent Research 9112690757 <del>Pol</del>

Sr No.	Name of student	Stream	Feedback
31.	Shravani Kailash Bhambare.	Bsc Biotech (ent) II	Wonderful things & ideas <u>Shravani</u> 9370194635
32.	Dr. Kailas S. Patil	Economics	Nice activity, research oriented and push-full event, <u>Dr</u> 9503379489.
33.	Prof. Ajay P. Patil.	Political science	उत्तम दर्जा अर्थशास्त्र अभियान को प्रतिष्ठान महानि मिशन <u>AP</u> 9881199393
34.	Mr. Chitish N. Chavan	Commerce	The exhibition was excellent and well organized <u>Chavan</u> 9218651303
36.	Harshdeep Salotke	Bsc Biotech	The exhibition was good <u>Salotke</u>
37.	Shreyash Barm	Bsc Biotech	good exhibition
38.	Onkar . S. Thakare	Bsc biotech Ent	Nice activity of the glasses. <u>Thakare</u> 9359879490.
39.	Ritesh Borgane	Bsc Biotech.	Innovative research & good technique of applications represented <u>Ritesh</u>
40	Aditya . Dadarne	Bsc. II	Nice wall activity <u>Aditya</u> 8806899300
41.	Shravani Katar	Bsc-III	Nice poster presentation

Sr No.	Name of student	Stream	Feedback
42	chetan Patil	B.Sc Biotech Ent	All activities are Nice <del>Patil</del> 8828732114
43	Shruti Nitin Chikalkar	BSc Biotech (Entire)	प्रदर्शनामध्ये जी माहिती मिळाली त्यामुळे 'जरीन' गोष्टी ज्या दैनंदिन जिवनामध्ये उपयुक्त ठरू शकतात, <del>ही</del> आस्वास प्रदर्शन खूप आवडले. 8010458682 <del>Chikalkar</del>
44	Vaishnavi Santosh Dhavan	BSC Biotech (Entire) Sr	Very nice concept of coating and use helpfull in day to day life. <del>Shan</del>
45	Shrutika Anant-Bawadekar	BSC (Biotech Ent)	Very nice & informative activity. <del>Bawadekar</del>
46	Manasvi S. vhaokar	BSc Biotech (Ent)	Exhibition was good <del>M.S.vhaokar</del>
47	Preeti D. Kale	Bsc Biotech (Ent).	Exhibition was excellent. <del>Pale</del>
48	Pratiksha D. Patil	BSC Biotech (Ent)	Nice Exhibition <del>Patil</del>
49	Rushiraj S. Supale	Ph.D: (Phy)	It was nice experience. I got to know a lot about research in Superhydro phobic coating. A new inspiration was gained during this exhibition.
50	Suyash S. Dongare	Msc-I	Good exhibition <del>(Suyash)</del>
51	Dhiraj P. bhingardive	Msc-I	Nice product (coating) <del>(Dhiraj)</del>
52	Shubham. A. Govali		It is very informative exhibition.

53	Ammar Mujawar	BSC III	Excellent exhiba <u>AMM</u>
54	Aditya Musale	B.Sc III	The exhibition was excellent & well organised. <u>(*)omusale</u>
55	Dr. R. R. Patil	Commerce + BBA	Wonderful! Really sorted Oriental activity. Congratulations!
56	Miss. Rakat Jankhane	BBA	Excellent & it was great experience specially the glasses.
57	Pruthiand. P. Kamble	BCS	Excellent & it was grates to see. first experience to see. : <u>P. kamble</u>
58	Tankey B. Kulkundkar	BCS	Excellent <del>Patil</del>
59	Mayur L. Patil	BCS	Good <del>Patil</del>
60	Pawar Ajit A	stat	it's good work all filed.
61	Sambhaji V. Patil	BCS	Good <del>Patil</del>
62	shubham. s. khamre	BCS	Excellent <u>Patil</u>

63.	Chinmye. R. Dhavale	BCS-III	Ek No!	<del>Chinmye</del>
64.	Aakash B. Gajare	BCS-III	Good!	<del>Chinmye</del>
65.	Soham. A. Borage	BCS-III	Excellent	→ ABorge
66.	Miss Vaidaki. D. Banarode	Research student	Excellent exhibition. All the presentation of Si coating was very informative. Good work.	<u>Banarode</u>
67.	Miss Kanchan S. Patil	Research student	It was <del>great</del> experience to attend this. Excellent exhibition	<u>Patil</u>
68.	Soyam Dipak Sawant	BCS-III	nice experience, nice explanation of umbrella by Suyash Dongre.	
69.	Shreyash Kiron Ghospade	BCS-III	very nice products in the exhibition which is very useful for daily life.	<u>Ghospade</u>
70.	Pratik Subhas Kadam	BCS-III	Excellent, good, very good!	<u>Kadam</u>
71.	Kaumudi Prasad Phope	BSC-II (Biotek entie)	Excellent!!	<u>Kphope</u>
72.	Shambhavi D. Jashi	Biotek (Ent)	Very good, unique ideas.	<u>Jashi</u>
73.	Sanika - S. Jadhav	Biotek (Ent)	Great Experience.	<u>Jadhav</u>
74.	Samrudhee. d. Jalekar	"	Great ideas are unique & useful for future. Very informative	<u>Jalekar</u>
75.	Nitin Bandu Salunkhe	B.C.S. III	Loved the presentation.	<u>Salunkhe</u>
76.	Yash Netke	B.C.S. III	Excellent	<u>Netke</u>

# One Page Report

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's



Vivekanand College, Kolhapur (Empowered Autonomous)



Department of Physics

## One Page Report

<b>Name of the Department</b>	Department of Physics																		
<b>Name of the Activity</b>	“Exhibition of Water Repellent Coatings and its Industrial Applications”																		
<b>Date / Duration</b>	Tuesday, 16 <sup>th</sup> January 2024 at 11.00 AM to 02.00 PM																		
<b>Aims and Objectives</b>	The biomimicry of the lotus leaf can provide superhydrophobic surfaces that can repel water droplets. The most abundant research across coating materials showed superhydrophobicity as being well-tested while self-cleaning capacity and durability remain among the properties that require further research with existing promise.																		
<b>No. of Beneficiaries</b>	<table border="1"><tr><td rowspan="2">Teachers</td><td>Male</td><td>11</td><td rowspan="2">36</td></tr><tr><td>Female</td><td>25</td></tr><tr><td rowspan="2">Students</td><td>Male</td><td>81</td><td rowspan="2">182</td></tr><tr><td>Female</td><td>101</td></tr><tr><td colspan="3"><b>Total</b></td><td><b>218</b></td></tr></table>			Teachers	Male	11	36	Female	25	Students	Male	81	182	Female	101	<b>Total</b>			<b>218</b>
Teachers	Male	11	36																
	Female	25																	
Students	Male	81	182																
	Female	101																	
<b>Total</b>			<b>218</b>																
<b>Expenditure and Fundings</b>	College Funds																		
<b>Brief Discussion</b>	Students and faculty has visited for Exhibition of Water Repellent Coatings and its Industrial Applications. The lotus effect is based on the micro/nano-structures creating roughness on the surface and the hydrophobic wax coating on the lotus leave. These features make it difficult for dirt, dust, and water to adhere to the surface, helping to keep it clean. Such self-cleaning surfaces are utilized in various industries to reduce the need for manual cleaning, thereby lowering maintenance processes nd costs, and offering more sustainable solutions.																		
<b>Outcomes</b>	Students got useful information on Water Repellent Coatings and its Industrial Applications.																		



*sslathe*  
Dr. Sanjay S. Lathe  
**HEAD**  
**DEPARTMENT OF PHYSICS**  
VIVEKANAND COLLEGE, KOLHAPUR  
(EMPOWERED AUTONOMOUS)