



“Dissemination of Education through Knowledge, Science and Culture”- Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

**PADMABHUSHAN DR. VASANTRAODADA PATIL
MAHAVIDYALAYA TASGAON DIST- SANGLI
416 312 (Maharashtra) Phone No: (02346)250665**
(Affiliated to Shivaji University, Kolhapur)

NAAC Reaccredited **B++** with CGPA **2.76** AISHE: **C11096**
College email Id : pdvptas.san@gmail.com
College Website : pdvpmtasgaon.edu.in

Report on

Seven Days Online Course on
Soft Skills in Chemistry Practicals

submitted to
IQAC,
Padmabhushan Dr. Vasantryadada Patil Mahavidyalaya, Tasgaon

22nd February to 01st March 2021

Course Details

Title of the Programme : Online Course on Soft Skills in Chemistry Practicals

Organizing Department : Department of Chemistry

Duration : 22nd February to 01st March 2021

LMS : Google Classroom

Participants : UG and PG Chemistry students

No. of Participants : 582

: Female : 342 Male : 240

Highlights of the Course

** One week Online Course*

** Conducted on Google Classroom*

** Seven modules based on basic practical techniques*

** Video, notes, quiz and discussion per module*

** 582 student participants*

** Certificates issued with grades after compilation of results*

Acknowledgement

- We are very much thankful to **Principal Dr. Milind Hujare** for constant support and encouragement to conduct this course.
- We are thankful to all faculty members, for active participation in preparation of modules and non teaching staff of Chemistry Department for their support during preparation and while conducting the course.

Organizing Committee

Prof. Dr. Suresh S. Patil
Head of Chemistry Department

Dr. Swati D. Jadhav
Course Coordinator

Dr. Megha U. Patil
Course Organizer

Learning outcomes

Soft Skills in Chemistry Practicals

- * To Learn the laboratory skills and safety measures to be followed while working in the laboratory*
- * To Learn how to prepare solutions of various concentrations and develop soft skill for titrations*
- * To learn correct method for boiling point and melting point*
- * To enhance the skill in recrystallization and TLC technique*
- * Development in soft skills in basic techniques will enhance the total skill while working in*

Introduction to the course

Chemistry practicals always need skills alongwith theoretical knowledge, so enhancing practical skills of students is always remain a challenge for Chemistry teachers. Students studying at undergraduate level as well as postgraduate level need to learn some new practical skills and to enhance the skills.

In view of this, we have decided to design a course to develop soft skills in Chemistry students of undergraduate and postgraduate level. For this, it was needed to select some basic techniques required while doing day to day practicals. Taking into consideration basic requirements, a course was designed.

This course is conducted by using Google Classroom as Learning Management System. Chemistry students have joined the Google Classroom and attended the course by studying the modules displayed daily on Google Classroom.

Due to pandemic situation, there was delay in starting practical classes in this academic year. This course was conducted online just before the commencement of practical classes, as the students will get benefited well on time.

Design of the Course

This course included Seven modules :

➤ **Safety Dos and Don'ts in Chemistry Laboratory**

Safety Dos and Don'ts, which the students have to follow while working in the Chemistry Laboratory.

➤ **Preparation of Standard Solution**

Various concentration terms and methods of preparation of solutions with various concentration terms, the procedure of preparation of standard solution, weighing, dissolution, dilution.

➤ **Standardization of Stock Solution**

Standardization of supplied solution using a standard solution, demonstration of titration method.

➤ **Determination of Melting Point**

The method of melting point determination including all basic steps like capillary sealing, filling of compound in capillary, heating paraffin oil, observation of exact melting point.

➤ **Determination of Boiling Point**

The method melting point determination including all basic steps like use of fusion tube for filling of liquid, heating of paraffin oil, observation of exact boiling point.

➤ **Purification of Organic Compound by Recrystallization**

Demonstration of recrystallization in detail, choice of solvent, dissolution of sample, filtration and crystallization.

➤ **Separation of Components by TLC**

Demonstration of TLC including suitable solvent system, development of chromatogram, separation of components and identification of components.

Preparations before the course

Videos for the course were prepared in the Chemistry Laboratory by the faculty members and edited afterwards to final videos.



Prof. Dr. Suresh S. Patil

- Safety Dos and Don'ts in Chemistry Laboratory



Dr. Swati D. Jadhav

- Preparation of Standard Solution
- Standardization of Stock Solution



Dr. Megha U. Patil

- Determination of Melting Point
- Determination of Boiling Point



Dr. Sachinkumar S. Shinde

- Purification of Organic Compound by Recrystallization
- Separation of Components by TLC

Modules

❖ Module 1. Safety Dos and Don'ts in Chemistry Laboratory

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	1
Module Title	Safety in Chemistry Laboratory
Name of Teacher	Prof. S. S. Patil

❖ Module 2. Preparation of Standard Solution

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	2
Module Title	Preparation of Standard Solution
Name of Teacher	Dr. Swati D. Jadhav

❖ Module 3. Standardization of Stock Solution

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	3
Module Title	Standardization of Stock solution
Name of Teacher	Dr. Swati D. Jadhav

❖ Module 4. Determination of Melting Point

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	4
Module Title	Determination of Melting Point
Name of Teacher	Dr. Megha U. Patil

❖ Module 5. Determination of Boiling Point

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	5
Module Title	Determination of Boiling Point
Name of Teacher	Dr. Megha U. Patil

❖ Module 6. Purification of Organic Compound by Recrystallization

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	6
Module Title	Recrystallisation of Organic compound
Name of Teacher	Dr. Sachinkumar K. Shinde

❖ Module 7. Separation of Components by TLC

DEPARTMENT OF CHEMISTRY	
2020-21	
Online Course on Soft Skills in Chemistry Practicals	
Subject	Chemistry
Module No.	7
Module Title	Separation of components by TLC
Name of Teacher	Dr. Megha U. Patil, Dr. Sachinkumar K. Shinde, Mr. Shashikant A. Damate

Announcement of the course



"Dissemination of Education through Knowledge, Science and Culture"
Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha Kolhapur's
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya,
Tasgaon, Sangli-416312, Maharashtra, India
(Affiliated to Shivaji University Kolhapur)



DEPARTMENT OF CHEMISTRY

Online Course on Soft Skills in Chemistry Practicals

22nd February to 01st March 2021

□ Course Outline

- Safety Dos and Don'ts in Chemistry Laboratory
- Preparation of Standard Solution
- Standardization of Stock Solution
- Determination of Melting Point
- Determination of Boiling Point
- Purification of Organic Compound by Recrystallization
- Separation of Components by TLC

Google
Classroom



Dr. Milind S. Hujare
Principal

Prof. Dr. Suresh S. Patil
Head of the Department

Dr. Swati D. Jadhav
Course Coordinator

Dr. Megha U. Patil
Course Organizer



Click here to register

Last Date for Registration : 21st February 2021

Eligibility : UG and PG Chemistry students

Notice

"Dissemination of Education for Knowledge, Science and Culture"

Shikshanamaharashi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha Kolhapur

Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon

PG Department of Chemistry Notice

Date : 20/02/2021

Online Course on Soft Skills in Chemistry Practicals

All UG and PG Chemistry students are hereby informed that **Online Course on Soft Skills in Chemistry Practicals** is organized during 22nd February to 1st March 2021.

All the students should register for the course upto 21st February 2021. The course is free and compulsory for all.

Register the course by using the link provided in the Brochure. Join the WhatsApp group of your class immediately after the registration, using the link provided in Registration form.

The details of the course will be provided on WhatsApp groups.

If you have any query, contact

1. Dr. S. D. Jadhav 2. Dr. M. U. Patil



Prof. (Dr.) S. S. Patil
Head

In all 582 students registered for the course using Google form provided in the Course Broucher.

Participants



	A	B	C	D	E	F
	Timestamp	Email Address	Full Name of Student	Contact Number	ICPG	Class
1	20200521 14:08:12		Full Name of Student	9126719822	145	9th Sec 18
2	20200521 13:41:47	Arshad@msn.com	Arshad Ali Durrani	7126719822	145	9th Sec 18
3	20200521 12:21:12	Arshad@msn.com	Arshad Ali Durrani	7126719822	145	9th Sec 1
4	20200521 19:11:30	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	149	9th Sec 18
5	20200521 17:01:59	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 1
6	20200521 17:59:49	shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
7	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
8	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
9	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
10	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
11	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
12	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
13	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
14	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
15	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
16	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
17	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
18	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
19	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
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21	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
22	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
23	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
24	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
25	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
26	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
27	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
28	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
29	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
30	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
31	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
32	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
33	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
34	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
35	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
36	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
37	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
38	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
39	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18
40	20200521 14:44:17	Shah@icloud.com	Shahid Shamsi Pakistan	9126719822	145	9th Sec 18</

[illegible]

	A	B	C	D	E	F
	Timetable	Email Address	Full Name of Student	Contact Number	BCPS	Class
70	20200201 15:27:00	anandkumar14@gmail.com	Pratik Anandh Arath	9171717871	UGPS	UG 8
71	20200201 11:05:20	anandkumar14@gmail.com	Pratik Anandh Arath	9884747401	UG	UG 8
72	20200201 14:42:10	anandkumar14@gmail.com	Priya Pragasathi Paraman	9178780097	PG	UG 8
73	20200201 20:01:00	anandkumar14@gmail.com	Chaitan Deepak Singh	761802558	UG	UG 8
74	20200201 16:17:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
75	20200201 13:58:00	anandkumar14@gmail.com	Harshad Richard Mond	9882491289	UG	UG 8
76	20200201 25:32:00	anandkumar14@gmail.com	Pratik Anandh Arath	9171717871	UGPS	UG 8
77	20200201 20:01:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9171717871	UG	UG 8
78	20200201 19:46:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
79	20200201 11:11:10	anandkumar14@gmail.com	Chaitan Deepak Singh	761802558	UG	UG 8
80	20200201 13:07:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
81	20200201 14:42:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
82	20200201 14:18:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
83	20200201 17:08:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
84	20200201 11:05:20	anandkumar14@gmail.com	Pratik Anandh Arath	9884747401	UG	UG 8
85	20200201 11:38:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
86	20200201 20:01:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
87	20200201 19:20:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
88	20200201 14:18:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
89	20200201 18:10:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
90	20200201 13:11:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
91	20200201 14:42:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
92	20200201 20:01:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
93	20200201 14:18:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
94	20200201 13:11:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
95	20200201 13:07:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
96	20200201 14:42:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
97	20200201 14:18:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
98	20200201 13:07:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
99	20200201 14:42:10	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8
100	20200201 13:07:00	anandkumar14@gmail.com	Chaitan Deepak Singh	9815544454	PG	UG 8

	A.	B.	C.	D.	E.	F.
1	Timestamp	Email Address	Full Name of Student	Contact Number	IS-PTG	Class
100	2020/05/27 7:45:01	jen00000@gmail.com	Man Ashish Saxena	7260605019	NA	NA
101	2020/05/27 11:40:24	prakashchandra00@gmail.com	Prakash Chandra Mishra	9767370781	NA	NA
102	2020/05/27 10:13:38	prakash0000@gmail.com	Prakash Kumar Mishra	9504241230	NA	NA
103	2020/05/27 10:57:17	hiteshranjan00@gmail.com	Hiteshranjan Prasad	9892730112	NA	NA
104	2020/05/27 11:30:25	prakash000000@gmail.com	Prakash Kumar Mishra	9825757050	NA	NA
105	2020/05/27 10:58:11	prakash00000000@gmail.com	Prakash Kumar Mishra	7789484646	NA	NA
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109	2020/05/27 14:42:10	prakash000000000000@gmail.com	Prakash Kumar Mishra	7700077777	NA	NA
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111	2020/05/27 10:38:47	prakash00000000000000@gmail.com	Prakash Kumar Mishra	9800000000	NA	NA
112	2020/05/27 11:01:11	prakash000000000000000@gmail.com	Prakash Kumar Mishra	9330117362	NA	NA
113	2020/05/27 10:50:30	prakash0000000000000000@gmail.com	Prakash Kumar Mishra	9707647272	NA	NA
114	2020/05/27 12:20:20	prakash00000000000000000@gmail.com	Prakash Kumar Mishra	9800000021	NA	NA
115	2020/05/27 11:36:20	prakash000000000000000000@gmail.com	Prakash Kumar Mishra	9525388880	NA	NA
116	2020/05/27 10:41:54	prakash0000000000000000000@gmail.com	Prakash Kumar Mishra	9300100004	NA	NA
117	2020/05/27 14:18:14	prakash00000000000000000000@gmail.com	Prakash Kumar Mishra	7488888888	NA	NA
118	2020/05/27 10:14:14	prakash000000000000000000000@gmail.com	Prakash Kumar Mishra	9888888888	NA	NA
119	2020/05/27 10:26:27	prakash0000000000000000000000@gmail.com	Prakash Kumar Mishra	9500000000	NA	NA
120	2020/05/27 10:47:10	prakash00000000000000000000000@gmail.com	Prakash Kumar Mishra	9700000000	NA	NA
121	2020/05/27 14:49:11	prakash000000000000000000000000@gmail.com	Prakash Kumar Mishra	9800000000	NA	NA
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123	2020/05/27 12:10:10	prakash00000000000000000000000000@gmail.com	Prakash Kumar Mishra	9712000040	NA	NA
124	2020/05/27 12:20:20	prakash000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9620200002	NA	NA
125	2020/05/27 14:30:30	prakash0000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9888217340	NA	NA
126	2020/05/27 10:10:10	prakash00000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9888217340	NA	NA
127	2020/05/27 13:30:30	prakash000000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9700001888	NA	NA
128	2020/05/27 11:00:10	prakash0000000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9528272567	NA	NA
129	2020/05/27 14:31:31	prakash00000000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9700079909	NA	NA
130	2020/05/27 12:21:20	prakash000000000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9707300000	NA	NA
131	2020/05/27 10:27:20	prakash0000000000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9788888888	NA	NA
132	2020/05/27 10:30:30	prakash00000000000000000000000000000000000@gmail.com	Prakash Kumar Mishra	9800120000	NA	NA

	A	B	C	D	E	F
	Timestamp	Email Address	Full Name of Student	Contact Number	MCPS	Class
137	2020/02/11 15:58:10	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
138	2020/02/11 17:12:03	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
139	2020/02/11 20:47:47	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
140	2020/02/15 21:20:24	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
141	2020/02/16 20:26:26	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
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153	2020/02/20 05:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
154	2020/02/20 09:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
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159	2020/02/21 05:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
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164	2020/02/22 01:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
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167	2020/02/22 13:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
168	2020/02/22 17:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
169	2020/02/22 21:02:02	ayazkhan011@yahoo.com	AYAZ KHAN	980372359	PS	MC 1
170	2020/02/23 01:02:0					

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	A	B	C	D	E	F
	Timestamp	Email Address	Full Name of Student	Contact Number	BCPG	Class
238	2021/03/21 18:42:11	amirahamirah20@gmail.com	Amirah Hamidah Yusoff Yusoff	895529990	UG	BC 1A
239	2021/03/21 19:42:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	895529990	UG	BC 1A
240	2021/03/21 17:38:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
241	2021/03/21 21:17:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	895529990	UG	BC 1A
242	2021/03/21 20:44:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
243	2021/03/21 20:44:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
244	2021/03/21 11:11:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	940290091	UG	BC 1A
245	2021/03/21 20:44:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	895529990	UG	BC 1A
246	2021/03/21 17:11:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
247	2021/03/21 17:11:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
248	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
249	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
250	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
251	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
252	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
253	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
254	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
255	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
256	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
257	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
258	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
259	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
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269	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
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271	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A
272	2021/03/21 14:16:11	amirahamirah20@gmail.com	Amirah Yusoff Yusoff	710003847	UG	BC 1A

[illegible]

WhatsApp Groups

Different WhatsApp groups were prepared for the students as per class.



Google Classroom

The invitation link for the Online Course Google Classroom was communicated with the students on WhatsApp groups. Students joined the Classroom using this link.

“Dissemination of Education for Knowledge, Science and Culture”
Shikshanmaharashi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha Kolhapur

Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
PG Department of Chemistry
Notice

Date : 20/02/2021

Online Course on
Soft Skills in Chemistry Practicals

All UG and PG Chemistry students who have registered for the **Online Course on Soft Skills in Chemistry Practicals** are hereby informed :

- ✓ All theory classes will continue on the same time.
- ✓ The course is online and will be conducted on Google Classroom.
- ✓ All the participants must join the Course Google Classroom using link/classcode
- 🔗 <https://classroom.google.com/c/Mjc2NzI2MjUzNDQ1?cjc=mz5tfd4>
- 🔗 Classcode : **mz5tfd4**
- ✓ Everyday the study material of a topic will be displayed at 11.00 am on the classroom
 - A video based on the topic
 - Study material
 - Quiz on the topic
 - Discussion forum
- ✓ Everyday participants have to join the classroom
- 🔗 Go to **Classwork**
- 🔗 Go to the **Day**
 - Watch the video
 - Read the study material
 - Solve the quiz
 - Post the comment
- ✓ The students have to complete the work daily.
- ✓ The certificates will be issued to the participants after successful completion of the course.



Dr. M. U. Patil
Course Organizer

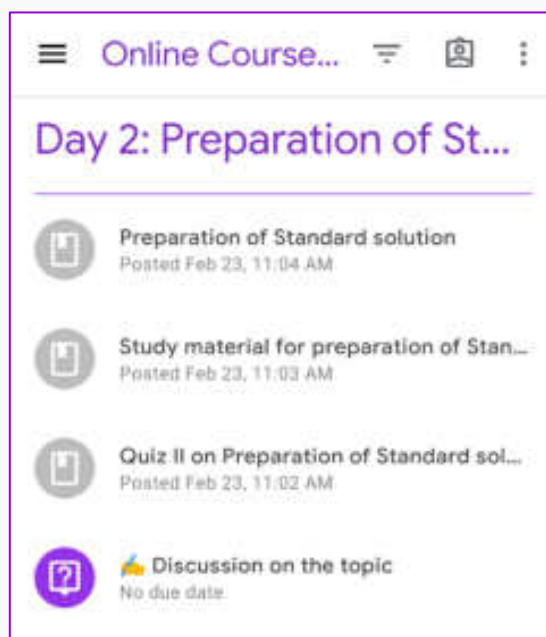
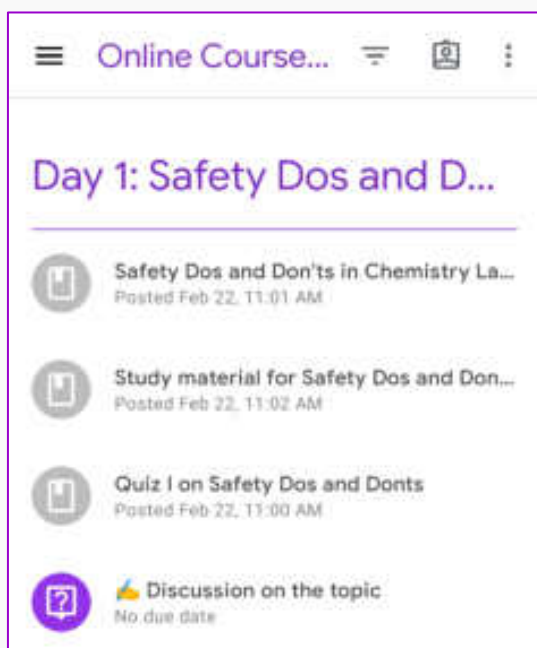


Dr. S. D. Jadhav
Course Coordinator



Commencement of the Course

The modules were scheduled at 11.00 am every day during the course. Students were informed to visit the classroom and watch the video, read the material, solve the quiz and discuss their views.



☰ Online Course... ☰ 📅 ⋮

Day 3: Standardization o...

- 📄 Standardization of Stock solution
Posted Feb 24, 11:04 AM
- 📄 Study material for Standardization of ...
Posted Feb 24, 11:01 AM
- 📄 Quiz III for Standardization of solution
Posted Feb 24, 11:03 AM
- 💬 Discussion on the topic
No due date

☰ Online Course... ☰ 📅 ⋮

Day 4: Determination of ...

- 📄 Determination of Melting Point
Posted Feb 25, 11:01 AM
- 📄 Notes on Determination of Melting Poi...
Posted Feb 25, 11:02 AM
- 📄 Quiz IV on Determination of Melting p...
No due date
- 💬 Discussion on the topic
No due date

☰ Online Course... ☰ 📅 ⋮

Day 5: Determination of ...

- 📄 Module No 5
Posted Feb 26, 11:00 AM
- 📄 Notes on Module No 5
Posted Feb 26, 11:04 AM
- 📄 Assessment on Module No 5
No due date
- 💬 Discussion on the topic
No due date

☰ Online Course... ☰ 📅 ⋮

Day 6: Purification of or...

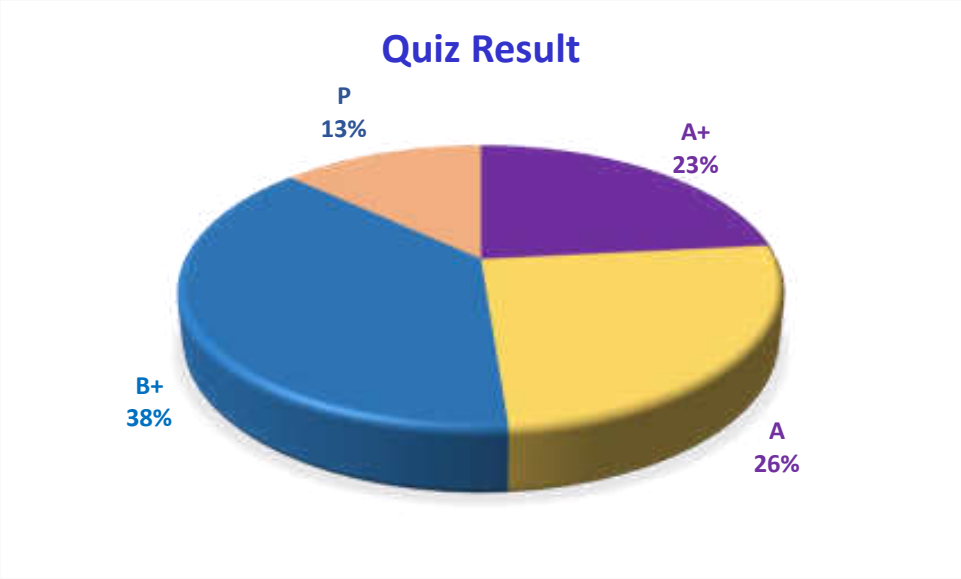
- 📄 Module No 6
Posted Feb 27, 11:00 AM
- 📄 Notes on Module no 6
Posted Feb 27, 11:00 AM
- 📄 Assessment on Module no 6
No due date
- 💬 Discussion on the topic
No due date

Day 7: Separation of co...

- 📄 Module No. 7
Posted Mar 1, 11:00 AM
- 📄 Notes on module no 7
Posted Mar 1, 11:00 AM
- 📄 Assessment on Module no 7
No due date
- 💬 Discussion on the topic
No due date

Quiz Results

Quiz results were compiled and analyzed. The students are graded as A+, A and B+.

[illegible]

	A	B	C	D
	Unit	Name	Cost	Grade
1	unit 1	unit 1	100	100
2	unit 2	unit 2	100	100
3	unit 3	unit 3	100	100
4	unit 4	unit 4	100	100
5	unit 5	unit 5	100	100
6	unit 6	unit 6	100	100
7	unit 7	unit 7	100	100
8	unit 8	unit 8	100	100
9	unit 9	unit 9	100	100
10	unit 10	unit 10	100	100
11	unit 11	unit 11	100	100
12	unit 12	unit 12	100	100
13	unit 13	unit 13	100	100
14	unit 14	unit 14	100	100
15	unit 15	unit 15	100	100
16	unit 16	unit 16	100	100
17	unit 17	unit 17	100	100
18	unit 18	unit 18	100	100
19	unit 19	unit 19	100	100
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22	unit 22	unit 22	100	100
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27	unit 27	unit 27	100	100
28	unit 28	unit 28	100	100
29	unit 29	unit 29	100	100
30	unit 30	unit 30	100	100
31	unit 31	unit 31	100	100
32	unit 32	unit 32	100	100
33	unit 33	unit 33	100	100
34	unit 34	unit 34	100	100
35	unit 35	unit 35	100	100
36	unit 36	unit 36	100	100
37	unit 37	unit 37	100	100
38	unit 38	unit 38	100	100
39	unit 39	unit 39	100	100
40	unit 40	unit 40	100	100
41	unit 41	unit 41	100	100
42	unit 42	unit 42	100	100
43	unit 43	unit 43	100	100
44	unit 44	unit 44	100	100
45	unit 45	unit 45	100	100
46	unit 46	unit 46	100	100
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82	unit 82	unit 82	100	100
83	unit 83	unit 83	100	100
84	unit 84	unit 84	100	100
85	unit 85	unit 85	100	100
86	unit 86	unit 86	100	100
87	unit 87	unit 87	100	100
88	unit 88	unit 88	100	100

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The screenshot shows the Microsoft Excel ribbon with the 'Formulas' tab selected. The ribbon contains the following buttons: AutoSum, Calculate, If This Then That, More Functions, Data Tables, Spelling, Error Checking, Comments, PivotTable, What-If Analysis, Goal Seek, Solver, and Scenario Manager. The 'AutoSum' button is highlighted. Below the ribbon, the Excel interface shows a grid of cells with some data entered, including names like 'John', 'Jane', and 'Mike'.

Certificate



Report submitted by

Dr. Swati D. Jadhav
Course Coordinator