

## **INFORMATION AND COMMUNICATION TECHNOLOGIES.**

ICT includes computers, internet, telephone, radio and other audio-visual equipments for a proper interaction between students and teachers. Teachers use ICT for making teaching-learning process easy and interesting which can be used for the betterment of the students. ICT also helps teachers, students and parents to come together and share their views.

As a part of the Department of the Chemistry, I thought it better to use Continuous and Comprehensive Evaluation (CCE) pattern of study. This pattern helped me make optimum use of the Google Forms, Edmodo, and Testmoz. What I particularly found helpful is that this pattern is flexible enough for both the teachers and the students.

As a part of grooming, I personally see that the students access knowledge and information through TV, digital media, cable network, internet and social media i. e. Facebook, Twitter, Whatsapp, Linkedin, Igo, Line, Wechat etc. I encourage them to check this mode for passing up notices, time table, online classes links, google form links, study material, hall tickets issued and results declared by University. This method is effectual since the nextgen, even otherwise, use the social media albeit for entertainment purpose. However, my emphasis is on gaining knowledge through the social media.

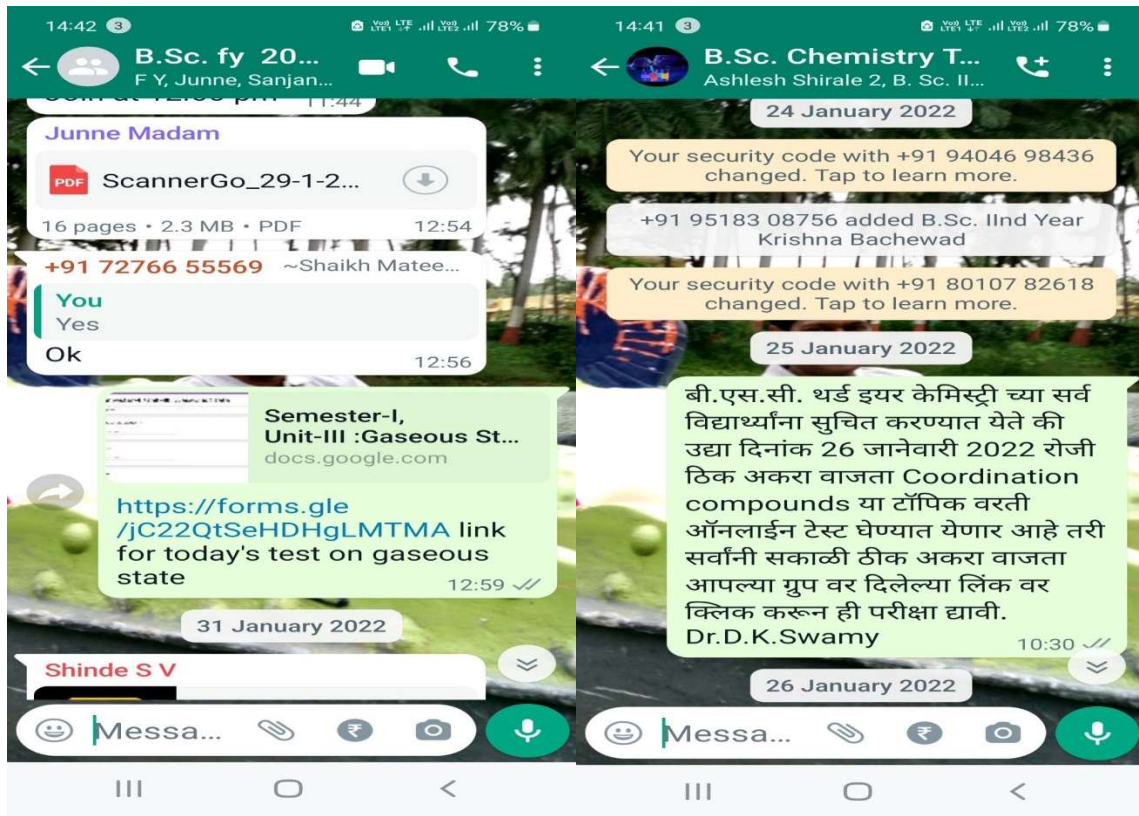
I also make certain that the classroom should now transform from being traditional one way to two way communication. I provide every sort of motivation to the students to drop their queries right through a chat using WhatsApp. This prompts the teachers as well as students to participate in classroom discussion in a more lively way since education is basically student centric, of late. So I ensure to cope up with different technology for using them in the classroom for making teaching- learning interested. The teaching now does not rest with the chalk-and-the-talk method. Instead we have a whole gamut of things like videos, animations, images, graphs which clear the concepts in a more illustrative way. We have reached a stage where students are encouraged more to look for information from multiple sources rather than one traditional source and they are now better informed than the past.

Apart from above, I also use word processing, database, spreadsheet software in a more effective way rather than a traditional way of representing things. Since Chemistry needs drawing structures explaining chemical compounds use of different softwares to draw the structures has facilitated me to do it in an expeditious manner.

ICT plays an important role in student evaluation too since it is a store house which can safely store data and recover it too whenever needed. ICT tools have helped me to pass information to students as briefly as it can. It also helped me to design educational environment suitable to this age. Laptops, LCD projector, Desktop, EDUCOM, Smart classes, memory sticks are becoming the common media for the educational institutions. I have also been using Powerpoint presentations to cover at least 90% of syllabus which is an effective pictorial representation of the study.

The practices which I have elucidated above are well-documented and attached with this note in the forthcoming pages.





Continuous and Comprehensive Evaluation (CCE).

edmodo-

**Sem-II**

**B.Sc.- 45hhde**

Inorganic chemistry- class code-76a86q

**Chemical bonding-I – 25 questions**

Chemical bonding\_ II- 60 questions-class code-7zaj8g

Colloidal state Questions 31-class code-e6irtm

Liquid state-20 questions- class code- ztm6hy

Catalysis-55 question- <https://forms.gle/YrrUTjLRkLbYAiSW8>

Semester-I, Unit-III :Gaseous State-55- <https://forms.gle/jC22QtSeHDHgLMTMA>  
[testmoz.com/3054350](https://testmoz.com/3054350)

admin password- aryan@2006

Chapter – photo chemistry-[testmoz.com/3054350](https://testmoz.com/3054350)

**Google classroom**

B. Sc. Second Year: Semester-III, Paper-VII, 40-MCQ Exam-

<https://forms.gle/cieVgXFH6eYKW6AL8>

P-IX, IIndYr, Sem-IV, 40-MCQ Exam-<https://forms.gle/g1tcA3sKkxdJ54Hp6>

**Sem -V raman spectroscopy-Notes**

rotational spectroscopy-Notes

Sem-IV, Electrochemistry-II-25 MCQ questions-

<https://forms.gle/bvS7wh8Rv9zLcDnx8>

Sem-IV-chemical kinetics-20 MCQ questions-<https://forms.gle/qaxjddKoP7FppUGY7>

Catalysis-56 question-<https://forms.gle/MbxyNJLiyyTU2zJA>

**Sem-II, P-IV, Unit-1. Atomic structure**

<https://forms.gle/fBWj4YD5o3jvgCHC8>

**Semester-III, Paper-VII Physical & Inorganic Chemistry –**

<https://forms.gle/hfxxdeFaCEWWiPw47>

P-IX, IIndYr, Sem-IV, (40) - <https://forms.gle/V2Lg1fiCYicbbSwT6>

**B. Sc. Second Year: Semester-III, Paper-VII, Physical & Inorganic Chemistry-**

**40- <https://forms.gle/uyxEMBtRz2Z2HGek7>**

**surface chemistry, B.sc.-I sem, Physical Chemistry- 40- <https://forms.gle/Sgn7t3TbmVAs1PmJ7>**

**Study Material**

**B.Sc. IIndsem**<https://classroom.google.com/c/MTE1ODkyMzQ2MDc4?cjc=m76dvwd>

**Class code- m76dvwd**

**Distribution Law- Semester –V-k2bumfgh**<https://forms.gle/AMX1wCYbZajgP51Z6>

**Coordination compounds-**<https://forms.gle/5yaEUxY5gkFe3Zdw7>

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Meet Attendance 03/27/2021

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1	Participants	Joined	Left	Duration						
2	Deelip Swamy	3/30/2021 13:31	3/30/2021 14:29	00:58:12						
3	Ashwini Phatale	3/30/2021 13:31	3/30/2021 14:29	00:58:12						
4	Durga Gedam	3/30/2021 13:31	3/30/2021 13:31	00:00:04						
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6	Kanchan Sankla	3/30/2021 13:31	3/30/2021 14:29	00:58:12						
7	Pooja Solanke	3/30/2021 13:31	3/30/2021 14:29	00:58:12						
8	TRIVENI CHAM	3/30/2021 13:31	3/30/2021 14:29	00:58:12						
9	Varunsingh Char	3/30/2021 13:31	3/30/2021 14:29	00:58:12						
10	Presentation	3/30/2021 14:28	3/30/2021 14:29	00:00:32						
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Distribution Law- Semester -V (Responses)

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1	Timestamp	Score	Name of the student	Roll No.	Class	Subject	The expressio
2	1/24/2022 10:50:37	11 / 20	Mohammad shoaib		23 B.Sc 3rd year	Chemistry	(c) Nernst dis
3	1/24/2022 10:57:00	11 / 20	Neha Namdev Bhoiwar	2601	BSc 3rd year	Physical chemistry	(c) Nernst dis
4	1/24/2022 11:14:34	11 / 20	Gangansagar Dnyanesh	2260	Bsc 3rd year	Chemistry	(c) Nernst dis
5	1/24/2022 11:14:36	13 / 20	Khandagale chandrakant	2609	B.Sc third year	Chemistry	(c) Nernst dis
6	1/24/2022 11:14:48	9 / 20	KRISHNA SHANKARRA	2663	Bsc3y	Chemistry	(c) Nernst dis
7	1/24/2022 11:17:21	18 / 20	Rani babarao chapat	2613	Bsc 3rd year	Chemistry	(a) equilibrium
8	1/24/2022 11:18:26	15 / 20	Uzma khanam Ahmed kh	2612	Bsc 3rd year	Chemistry	(c) Nernst dis
9	1/24/2022 11:18:59	20 / 20	Umme Huzaifa Abdul Ale	2614	B.Sc Illrd year	Chemistry	(c) Nernst dis
10	1/24/2022 11:19:36	14 / 20	Dhage pranita madhavra	2660	Bsc3year	Chemistry	(c) Nernst dis
11	1/24/2022 11:21:19	18 / 20	KESHAV PARASRAM H	2648	B.sc 3rd year	Chemistry	(c) Nernst dis
12	1/24/2022 11:22:05	11 / 20	Rushikesh huRajesh mha	2664	B sc 3 rd	Chemistry	(c) Nernst dis
13	1/24/2022 11:22:43	12 / 20	Shrikant Pandit Tomke	2659	B.sc3 year	Chemistry	(c) Nernst dis
14	1/24/2022 11:25:06	12 / 20	Shital	2629	Bsc 3rd year	Chemistry	(c) Nernst dis

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32	1/26/2022 12:11:54	rbhendegaonkar@gmail.	38 / 50	Rahul Navnath Bhendeg	B.Sc. 3rd year		2615 Chemistry
33	1/26/2022 12:13:14	sachinpuyed96k@gmail.c	34 / 50	Sachin Kashinath Puyed	B.Sc.3rd year		2646 Coordinatio
34	1/26/2022 12:13:56	chandrakant9172@gmail	49 / 50	Chandrakant trimbak Kh	B.Sc third year		2609 Chemistry
35	1/26/2022 12:16:12	kambleshital92087@gme	34 / 50	Shital	Bsc 3rd		2629 Chemistry
36	1/26/2022 12:20:25	abhshesksatale4@gmail.c	48 / 50	Abhshesk Gunderao sata	Bsc 3rd year		2654 Chemistry
37	1/26/2022 12:21:17	sneharswami41@gmail.c	44 / 50	Sneha Rajesh Swami	Bsc 3 rd year		2644 Chemistry
38	1/26/2022 12:22:05	dhanaji711@Gmail.com	29 / 50	Dhanaji vishwanath gaik	BSC 3rd year		12046 Chemistry
39	1/26/2022 12:35:02	khanshab@gmail.com	10 / 50	shahzim khan	bsc		2000 chem
40	1/26/2022 12:37:01	hivantshivprasad@gmail.	41 / 50	Hivant Shivprasad bhanu	B.Sc.3year		2643 Chemistry
41	1/26/2022 12:39:57	shahfahada.a99@gmail.c	50 / 50	shah fahad	bsc third year		2633 chemistry
42	1/26/2022 12:43:57	tamkeen3521@gmail.cor	39 / 50	Farooqui Tamkeen naz F	Bsc 3rd year		2632 Chemistry
43	1/26/2022 12:49:43	thakuryogeshwari18@gn	34 / 50	Thakur yogeshwari giridh	Bsc3year		2650 Chemistry
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Name	Score	Started On	Finished On	Time	1	2	3	4	5	6	7
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Dipak Pathi	75% (15/20)	2020-05-01 7:17 a.m.	2020-05-01 7:25 a.m.	0:08:17	✓	✓	✓	✓	✓	✓	✗
Hanabata madhunde	85% (17/20)	2020-05-01 3:56 a.m.	2020-05-01 4:05 a.m.	0:12:47	✓	✓	✓	✓	✓	✓	✗
Kanhan sanjole	65% (13/20)	2020-04-30 8:57 p.m.	2020-04-30 9:20 p.m.	0:28:04	✗	✗	✓	✓	✓	✓	✗
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Varunraj Chandel	65% (13/20)	2020-04-30 10:12 p.m.	2020-04-30 10:34 p.m.	0:21:22	✓	✓	✓	✓	✓	✓	✗

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Sem II Colloidal state Deelip Swamy • Chemistry

Sem-II Liquid state Deelip Swamy • Chemistry

Apr 26 - May 2

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Semester-1, P-II (Physical & Inorganic chemistry) (Responses) ☆ Share

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6	11/27/2020 12:10:46	gajananwt11@gmail.com	1 / 6	CI13444	B.COM sy	Dr Dr Gajanan Waghmare	
7	11/27/2020 12:13:45	sanjayhagunde@gmail.	1 / 6	12345	B.A.I	Sanjay Kishanrao Haggunde	
8	11/27/2020 12:18:52	swamydeelip@gmail.com	0 / 6	1234	B.sc.	Swamy	
9	11/27/2020 12:18:56	malviya1966@gmail.com	0 / 6	45778	Bsc	malviya1966@gmail.com	
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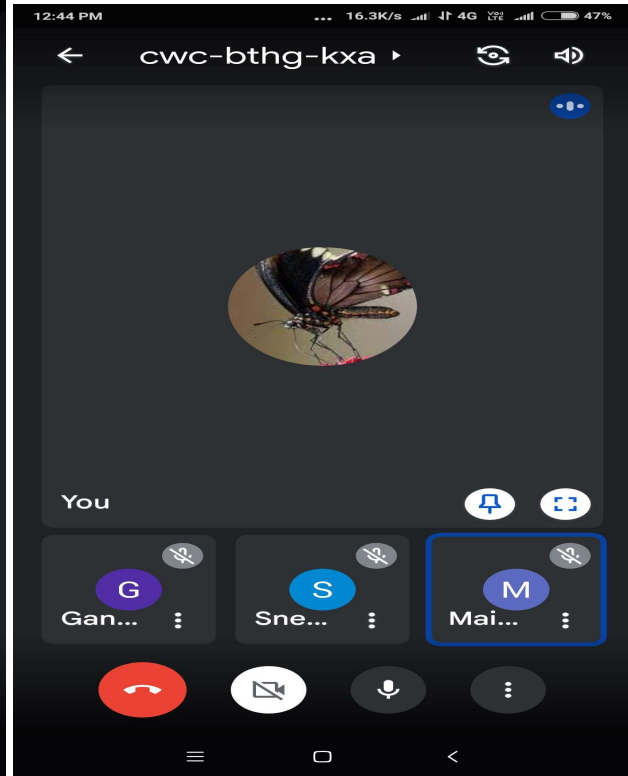
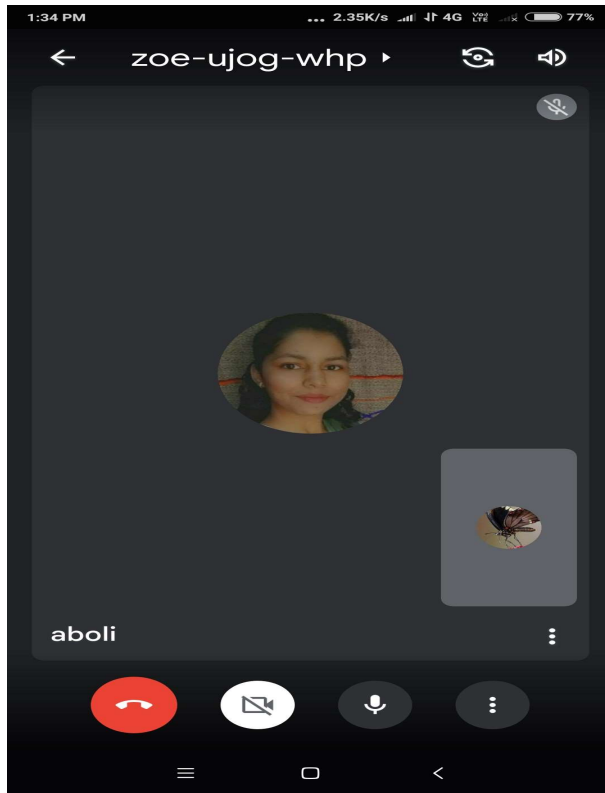
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B Sc. III Paper XII Link: <https://classroom.google.com/c/MzE3MTU1Nzc4MjYy?cjc=hn4yksx>

Prof Chavan Lecture on Antartica Visit <https://www.youtube.com/live/TQLZHh9Kus?si=QUoQC-gfs55JcpG9>

Dr. Vinod Muke lecture on Role of Human Development in Zone layer depletion <https://www.youtube.com/live/zQKdK3ShX0Q?si=XwX4mMKYQvI77WgG>

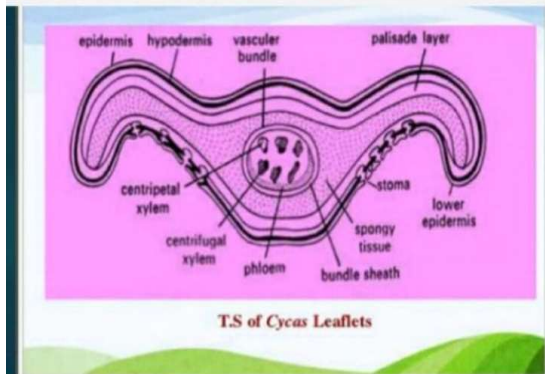
Prof A. B. Ade lecture on Bioremediation

<https://www.youtube.com/live/-7AakdUHEok?si=lnQhyezvb0oUm8U2>

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Life Cycle of Pinus:

Figure 2.55: Life cycle of Pinus

Vaishnavi is presenting