

Date: 10/07/2019

## Notice

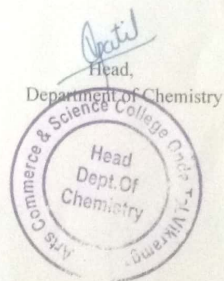
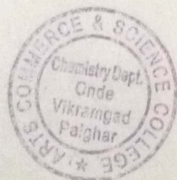
All the students of FY/SY/TY B.Sc. are hereby informed that, the department of Chemistry is going to Conduct Certificate Course on in :

- 1) **Laboratory Safety and Handling of Laboratories Instruments (Basic), And**
- 2) **Handling of Laboratory Instrument (Advance),**

From 22<sup>nd</sup> July 2019.

Those who are interested, Enroll their Names to Dr. C. Y. Patil till 18<sup>th</sup> July 2019.

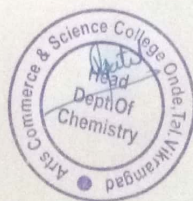
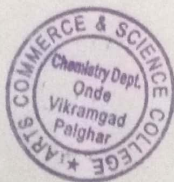
**Note:** This Course will be of 30hrs.



## Handling of Laboratory Instrument (Advance)

### Course Syllabus

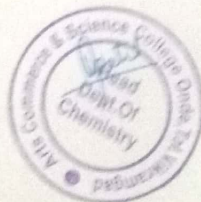
1. Potentiometer
2. Conductivity meter
3. Titration
4. Filtration
5. Calibration curve
6. TLC
7. Spectrophotometer
8. Introduction to
  - a) High pressure liquid chromatography (HPLC)
  - b) Gas chromatography – mass spectrometry (GC-MS)
  - c) Thin layer chromatography (TLC)
  - d) Atomic absorption spectroscopy (AAS)
  - e) Ultraviolet visible spectroscopy (UV)
  - f) X-ray fluorescence spectroscopy



## Laboratory Safety and Handling of Laboratories Instruments (Basic)

### Course Syllabus:

1. Safe handling practices for laboratory
2. Hazard potential of laboratory
3. Safe storage practices for chemicals in laboratory refrigerators
4. Useful tips on safe use of laboratory heating devices
5. How to prevent accidents in laboratory
6. Best available option for storage of laboratory chemicals
7. Contribute to laboratory safety and quality of results
8. Laboratory fire safety
9. Introduction to instrument
  - a) Electronic balance
  - b) pH meter
  - c) Calorimeter





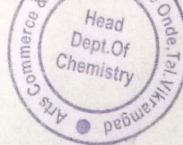
# Laboratory Safety and Handling of Laboratories Instruments (Basic)

## List of Students Enrolled (2019-20)

Sr No	Name of the Student	Class
1	Kharpade megha S.	S.Y.B.Sc.
2	Mahale Varsha K.	S.Y.B.Sc.
3	Ghute Kanchan G.	S.Y.B.Sc.
4	Zate Sonali P.	S.Y.B.Sc.
5	Waglode Prashant S.	S.Y.B.Sc.
6	Bhusara Sachin C.	S.Y.B.Sc.
7	Khanjode Rupesh R.	S.Y.B.Sc.
8	Surve Ajay	S.Y.B.Sc.
9	Gavit Rohini Padmakar	S.Y.B.Sc.
10	Varatha Monali Gangaram	S.Y.B.Sc.
11	Valkar Ashwini R.	S.Y.B.Sc.
12	Handawa Rajendra G.	S.Y.B.Sc.
13	Patil Ruchita Suresh	S.Y.B.Sc.
14	Patil Reshma Naresh	S.Y.B.Sc.
15	Thakare Prakash Suresh	S.Y.B.Sc.



Head, Dept. of Chemistry  
& Co-ordinator, Basic and Advance Course



Laboratory Safety and Handling of Laboratory Instruments (Paper)

Attendance Register (2019-20)

Sl. No.	Name of the student	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
1	Shraddha Gupta	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Prachi Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Ashika Khandelwal	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Arushi Singh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Harshita Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	Shreya Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

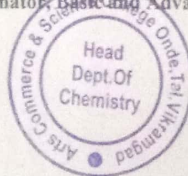
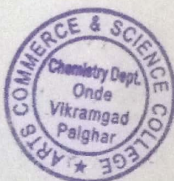


Laboratory Safety and Handling of Laboratories Instruments (Basic)

Result (2019-20)

Sr No	Name of the Student	Class	Grade Obtained
1	Kharpade megha S.	S.Y.B.Sc.	B
2	Mahale Varsha K.	S.Y.B.Sc.	B
3	Ghute Kanchan G.	S.Y.B.Sc.	B
4	Zate Sonali P.	S.Y.B.Sc.	B
5	Waglode Prashant S.	S.Y.B.Sc.	A
6	Bhusara Sachin C.	S.Y.B.Sc.	A
7	Khanjode Rupesh R.	S.Y.B.Sc.	B
8	Surve Ajay	S.Y.B.Sc.	B
9	Gavit Rohini Padmakar	S.Y.B.Sc.	O
10	Varatha Monali Gangaram	S.Y.B.Sc.	A
11	Valkar Ashwini R.	S.Y.B.Sc.	A
12	Handawa Rajendra G.	S.Y.B.Sc.	A
13	Patil Ruchita Suresh	S.Y.B.Sc.	O
14	Patil Reshma Naresh	S.Y.B.Sc.	O
15	Thakare Prakash Suresh	S.Y.B.Sc.	A

*Patil*  
Head, Dept. of Chemistry  
& Co-ordinator, Basic and Advance Course



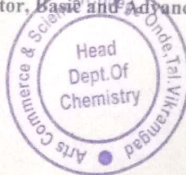


## Handling of Laboratory Instrument (Advance)

### List of Students Enrolled (2019-20)

Sr No	Name of the Student	Class
1	Kharpade megha S.	S.Y.B.Sc.
2	Mahale Varsha K.	S.Y.B.Sc.
3	Ghute Kanchan G.	S.Y.B.Sc.
4	Zate Sonali P.	S.Y.B.Sc.
5	Waglode Prashant S.	S.Y.B.Sc.
6	Bhusara Sachin C.	S.Y.B.Sc.
7	Khanjode Rupesh R.	S.Y.B.Sc.
8	Surve Ajay	S.Y.B.Sc.
9	Gavit Rohini Padmakar	S.Y.B.Sc.
10	Varatha Monali Gangaram	S.Y.B.Sc.
11	Valkar Ashwini R.	S.Y.B.Sc.
12	Handawa Rajendra G.	S.Y.B.Sc.
13	Patil Ruchita Suresh	S.Y.B.Sc.
14	Patil Reshma Naresh	S.Y.B.Sc.
15	Thakare Prakash Suresh	S.Y.B.Sc.

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### Handling of Laboratory Instrument (Advance)

#### Attendance Report (2019-20)

Sr No	Name of the Student	10/01/20	11/01/20	12/01/20	13/01/20	14/01/20	15/01/20	16/01/20	17/01/20	18/01/20	19/01/20	20/01/20	21/01/20	22/01/20	23/01/20	24/01/20	25/01/20	26/01/20	27/01/20	28/01/20	29/01/20	30/01/20
1	Khanade Prisha S.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Mahale Vaishali K.	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
3	Grade Kanchan S.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Zate Sonali P.	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
5	Waghade Prashant S.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Bhasara Sachin C.	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
7	Khanjode Rupesh R.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	SURVE AYOJ	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
9	Garol Rishi P.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	Voratha monali Gangan	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
11	Walker Ashwini Kamalika	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
12	Hari Neta Gagan Keshavnath	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	Patil Ruchita Suresh	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
14	Patil Reshma Nand	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
15	Takare Prakash Suresh	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent





Handling of Laboratory Instrument (Advance)

Result (2019-20)

Sr No	Name of the Student	Class	Grade Obtained
1	Kharpade megha S.	S.Y.B.Sc.	A
2	Mahale Varsha K.	S.Y.B.Sc.	B
3	Ghute Kanchan G.	S.Y.B.Sc.	A
4	Zate Sonali P.	S.Y.B.Sc.	B
5	Waglode Prashant S.	S.Y.B.Sc.	A
6	Bhusara Sachin C.	S.Y.B.Sc.	B
7	Khanjode Rupesh R.	S.Y.B.Sc.	B
8	Surve Ajay	S.Y.B.Sc.	A
9	Gavit Rohini Padmakar	S.Y.B.Sc.	O
10	Varatha Monali Gangaram	S.Y.B.Sc.	B
11	Valkar Ashwini R.	S.Y.B.Sc.	A
12	Handawa Rajendra G.	S.Y.B.Sc.	A
13	Patil Ruchita Suresh	S.Y.B.Sc.	O
14	Patil Reshma Naresh	S.Y.B.Sc.	O
15	Thakare Prakash Suresh	S.Y.B.Sc.	A



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