



**SONOPANT DANDEKAR ARTS, V.S. APTE  
COMMERCE AND M.H. MEHTA SCIENCE  
COLLEGE, PALGHAR**

**DEPARTMENT OF CHEMISTRY**

**Certificate Course in Instrumental Analysis**

**Under the Aegis of**

**Centre for Excellence and Innovation**

**Academic Year: 2018 - 2019**

**Prof. Mahesh Deshmukh  
CFEI – Chairman**

**Dr. Kiran Save  
Principal**

# **Certificate course in Instrumental Analysis**

**Report 2018-2019**

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# **Certificate course in Instrumental Analysis**

**Duration:** 42 hours

**Aim:** To study the instrumental analysis.

**Features of the course:**

- Specially designed to give hands on training on instruments used in laboratory.
- Customized for the industry.
- Delivered by faculty of department of chemistry as well as experts from the industry.

**Objective:**

- To acquire knowledge about instrumentation.
- To develop skills required in industries.

**Eligibility:**

Any science students having chemistry as a subject.

**Mode of Examination:**

Theory: Assignment will be provided.

Practical: Practical exam will be based on experiment performed during the course.

**Certification:** Certificate will be provided on the basis of practical examination.

**Learning Outcome:**

Students will acquire detail theoretical knowledge as well as practical experience about various laboratory techniques.

Date: 30<sup>th</sup> October, 2018

To,

The Principal,

Sonopant Dandekar Arts, V.S. Apte Commerce and

M.H. Mehta Science College,

Palghar

**Subject: Approval for Certificate Course in Instrumental Analysis (S.Y.B.Sc.)**

Respected Sir,

For developing instrumental skills in students, we have designed certificate course for the class of S.Y.B.Sc. The course is aimed at enhancing skills and knowledge of students in basic instrumental techniques. This course will benefit the students by providing them with an opportunity to develop their expertise in this area. Their instrument and apparatus handling skills will be improved by the Certificate Course in Instrumental Analysis for S.Y.B.Sc. course.

The Certificate Course will be offered in two batches: The first batch in the November 2018 and the second batch in April 2019.

The details are provided along with this letter. I request you to kindly grant the permission to start this course.

Thanking you.

Yours faithfully



Dr. Shirish Pitale  
Head, Department of Chemistry



## SYLLABUS

	<b>Content</b>	<b>Theoretical</b>	<b>Practical</b>	<b>Duration</b>
1	Chemical calculations	Normality Molarity Formality Molality Ppm Ppb Conversion of one unit to another.	Problem-solving based on the theoretical concepts.	4 hours
2	Spectrophotometer	Principle Block diagram Instrumentation Beer-Lambert`s law	Standardization of spectrophotometer.	4 hours
3	Potentiometer	Principle Study of electrodes (Indicator and Reference electrode) Role of salt bridge Graphical methods for determination of end points Working Error calculations	1.Standardization of potentiometer. 2.Assay of vanillin potentiometrically.	4 hours
4	pH meter	Principle Study of electrode (Combined glass electrode) Graphical methods for determination of end points Working	Standardization of pH meter.	4 hours
5	Colorimeter	Principle Block diagram Instrumentation Beer-Lambert`s law Error calculations	Determination of Glucose by folin-wu method.	4 hours
6	Conductometer	Principle Study of electrodes Graphical representation for determination of end points	Standardization of conductometer.	4 hours

		Working		
7	Complexometric titration	Types of titrations Primary standard and Secondary standard Stability constant Selectivity in complexometric titration Indicators Error calculations	1. Estimation of $ZnSO_4$ in eye drops by complexometrically. 2. Determination of hardness of water complexometrically. 3. Determination of calcium in calcium lactate tablet by complexometric titration.	8 hours
8	Estimation of Nitrogen	Use of Kjeldahl flask for collection of nitrogen gas	Estimation of nitrogen by Kjeldahl flask.	5 hours
9	Redox titration	Types of titrations Primary standard and Secondary standard Indicators Error calculations	Assay of $KMnO_4$	4 hours
	<b>Total Duration:</b>			<b>42 hours</b>

*Sonopant Dandekar Shikshan Mandalis's*

**Sonopant Dandekar Arts, V. S. Apte Commerce and M.H. Mehta Science  
College, Palghar, Dist: Palghar**

**ACADEMIC YEAR 2018-19**

**Date: 1<sup>st</sup> November, 2018**

**DEPARTMENT OF CHEMISTRY IN COLLABORATION WITH  
CENTRE FOR EXCELLENCE AND INNOVATION**

**NOTICE**

All the F.Y.BSc. students are hereby informed that their **Certificate Course in Instrumental Analysis of Batch - 1** will begin from **12<sup>th</sup> November, 2018**.

The detail scheduled will be available with the course coordinator.

Interested students can enroll by filling the application form which is available in the **staffroom, ground floor, Chemistry Building**.

After successful completion of the course, participants will be awarded with certificates from the college.



**Dr. Shirish Pitale**

**HOD - Chemistry**



## STUDENT ENROLMENT LIST BATCH – 1

### STUDENT ENROLMENT LIST - BATCH 1

ROLL NO.	NAME OF THE STUDENT
1	PATRAWALA SAKINA YUNUS
2	RATHAD VAIBHAVI SANTOSH
3	MORE PRANJALI PRAMOD
4	WADE ADITI SURYAKANT
5	PATIL GAYATRI PRAKASH
6	SAROJ SUREKHA RAMSUMER
7	DAS GOVINDKUMAR VIJAYKUMAR
8	DAS MADHAVKUMAR VIJAYKUMAR
9	GHARAT JANHAVI UMESH
10	CHAUDHARI VINAY JITENDRA
11	NIRMAL POOJA GANESH
12	THAKUR SAYALI SUBHASH
13	PAWAR HARSHALI CHANDRAKANT
14	DHANU BHAVIKA SATISH
15	MORE PRAJAKTA MOHAN
16	MULAY NIHARIKA DINESH
17	PAWAR POOJA BIBHISHAN
18	BHOIR POONAM JAYDEV
19	RAUT AKANKSHA RAMBHAU
20	SANKHE SAMIKSHA GANESH
21	PATIL TANVI ARUN
22	PATIL ANKIT ANKUSH
23	KINI GAURAV DAMODAR
24	GAIKWAD RUCHITA RAJESH
25	MALI POOJA BALASAHEB
26	MALI RUCHI MANOJ
27	UMATOL DEEPALI VASANT
28	SANKHE SHRADDHA VIPIN
29	GHARAT PRANJAL MINESH
30	THAKUR PRAJAKTA VASANT





ROLL NO.	NAME OF THE STUDENT
31	MORE TANVI DHARMENDRA
32	PAGDHARE SAKSHI SANDESH
33	TANDEL SHREYA RANDHIR
34	GHARAT PURVA NITIN
35	VAIDYA SHIVANI MOHAN
36	KINI JANHAVI VIKAS
37	KHADKE JAYASHRI JANU
38	SANKHE TANUJA BABURAO
39	JADHAV AJAY DATTA
40	PAWAR SWAPNIL SUBHASH
41	PATIL RUSHIKESH DATTATREY
42	YADAV UMESH RAJESH
43	BHALE ASMITA JANARDAN
44	KAMBLE SNEHAL JEEVAN
45	RAUT VEDIKA RAJENDRA
46	SHELAR PRAJAKTA VINAYAK
47	THAKUR RINKU UMESH
48	SINGH GULAB GAJENDRABAHADUR
49	SHINDE BHAVESH VILAS
50	GHARAT YASH VIJAY
51	GAWAD DURVESH DEEPAK
52	SANGALE JAY PRAVIN
53	GHARAT PARAS NILESH
54	GHARAT JIT DHANANJAY
55	PATIL YASH YATIN
56	PATIL PARESH KAMLAKAR
57	MEDHA SACHIN VISHNU
58	MORE KUNAL VILASRAO
59	SHAHU VIKAS KAPIL
60	PAWADE AISHWARYA BHALCHANDRA



ROLL NO.	NAME OF THE STUDENT
61	PATIL SHWETA VIJAY
62	PIMPLE SAMRUDDHI SAINATH
63	GURAV ROSHAN BRAHMANAND
64	JADHAV RAJ RAVI
65	KALE SHUBHAM PANDURANG
66	NIKAM ABHISHEK BALASAHEB
67	ROKADA NITESH RAJU
68	PATIL NIKITA SHRAVAN
69	CHAUDHARI AKANSHA ASHOK
70	NAIK BHAVIK ANIL
71	KALPUND PRACHI PRAMOD
72	PADWALE KRUTIKA PRALHAD
73	MACHHI SAJAN KAMU
74	MHATRE HARSHIKA HEMANT
75	PIMPLE YUKTA MANOJ
76	LONDHE AAKASH MAHADEV
77	JADHAV POOJA SUBHASH
78	GHATAL SHITAL ARUN
79	MOHITE SHAMAL DINESH
80	YADAV INDU RAMASHRAY
81	SINGH KRISHNA SHRICHAND
82	LADKAT SNEHA DATTATRAYA
83	AREKAR SNEHAL GANPAT
84	PRASAD SHANTI RAJKUMAR
85	THALEKAR PRAGATI BALARAM
86	NAVALE DISHANKA VITTHAL
87	NAIR ATHIRA GOPAKUMAR
88	PANDEY PRIYA PUSHPENDRA
89	KADAM DIKSHALI DEEPAK
90	AWATE SUWARNA ATRINANDAN





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**ACADEMIC YEAR 2018-19**

**Date: 27<sup>th</sup> March, 2019**

**DEPARTMENT OF CHEMISTRY IN COLLABORATION WITH  
CENTRE FOR EXCELLENCE AND INNOVATION**

**NOTICE**

All the F.Y.BSc. students are hereby informed that their **Certificate Course in Instrumental Analysis of Batch - 2** will begin from **4<sup>th</sup> April, 2019**.

The detail scheduled will be available with the course coordinator.

Interested students can enroll by filling the application form which is available in the **staffroom, ground floor, Chemistry Building**.

After successful completion of the course, participants will be awarded with certificates from the college.



**Dr. Shirish Pitale**  
**HOD - Chemistry**

## STUDENT ENROLMENT LIST BATCH – 2

### STUDENT ENROLMENT LIST - BATCH 2

ROLL NO.	NAME OF THE STUDENT
91	REPALE MADHURI ARUN
92	YADAV RAHUL LALI
93	ANUSE AVINASH APPA
94	GOLIM GAURANG SUNIL
95	TARE MEHUL KAMLAKAR
96	PAUL AKASH DATTATRAY
97	PATIL PAVAN RAJU
98	DHUMAL SATYAM MOHAN
99	PINGALE BHAGYASHREE GANESH
100	MORE HIMANSHU UMESH
101	SONI SHANU SHYAMJI
102	THAKUR ASHRAYA KISAN
103	PATIL TAPASVI PARSHURAM
104	PAGI VANDANA LAHANU
105	SHAIKH MOHAMMEDFAHAD RAFIQUE
106	PATIL RAHUL MADHAVRAO
107	DABERAO PRIYANKA GAJANAN
108	DHANDE PUJA SUDHIR
109	HADAL AKSHADA GANESH
110	PATIL PRATIKSHA NARESH
111	SAMBARE PRIYANKA PRAVIN
112	SHUKLA KARAN RAJESH
113	MACHHI NEHA GIRIDHAR
114	BHOIR AADESH DATTATRY
115	PATIL RIYA MANOHAR
116	PADHI BAINATH RATNAKAR
117	SINGH RAJPRATAP RAJENDRA
118	TARE SPHURTI HARESHWAR
119	MELKUNDE SANDHYA MANIKPRABHU
120	MHATRE TANAYA SANTOSH





ROLL NO.	NAME OF THE STUDENT
121	PATIL SAYALI SUDHAKAR
122	CHURI AKSHATA JAYPRAKASH
123	PATIL SAMRUDDHI PRAMOD
124	TANDEL BHAVIK SUDHIR
125	NAYAK SHIWANI SATYABAN
126	NAIK HINDAVI SUNIL
127	KHARAWAR PRINSEJ MISHRIPRASAD
128	PATIL SURAJ RAMCHANDRA
129	PATIL MOHIT GANGADHAR
130	PATIL UGAM DAYANAND
131	VAVARE SHUBHAM NARESH
132	PATIL DIPESH ROHIDAS
133	MULYE ABHISHEK ANAND
134	SANKHE MITTAL SUNIL
135	BHAMARE DURVAS ASHOK
136	YADAV RITESH RAMASHRAY
137	NAIK REVANSIDDHI SACHIN
138	JAGTAP ADITYA YASHWANT
139	PATIL BHUMIKA MAHENDRA
140	CHAUDHARI AYUSHRI PRITAM
141	NAYAK AKRUTI ASHOK
142	MALI NITI SHYAM
143	JADHAV SWAPNA NARAYAN
144	YADAV RAHUL RAMBHARAT
145	KORE ANKITA JITENDRA
146	BHAGAT SHRADDHA RUDAL
147	GURAV PRASAD HARI
148	TUMBADA MUKESH SURESH
149	AMBALAN MOHAMMED SAHIL KASIM
150	SINGH ANKIT SANJAY



ROLL NO.	NAME OF THE STUDENT
151	YADAV AKHILESH BALMUKUND
152	ANSARI SITARA KHATOON MOHMMAD ISLAM
153	MORE RAKSHAK RAKESH
154	GURJAR SUSHRILILAKUMARI PRABHULAJI
155	JADHAV POOJA SUBHASH
156	GHATAL SHITAL ARUN
157	MOHITE SHAMAL DINESH
158	YADAV INDU RAMASHRAY
159	SINGH KRISHNA SHRICHAND
160	LADKAT SNEHA DATTATRAYA
161	AREKAR SNEHAL GANPAT
162	PRASAD SHANTI RAJKUMAR
163	THALEKAR PRAGATI BALARAM
164	NAVALE DISHANKA VITTHAL
165	NAIR ATHIRA GOPAKUMAR
166	PANDEY PRIYA PUSHPENDRA
167	KADAM DIKSHALI DEEPAK
168	AWATE SUWARNA ATRINANDAN
169	REPALE MADHURI ARUN
170	YADAV RAHUL LALUI
171	ANUSE AVINASH APPA
172	GOLIM GAURANG SUNIL
173	TARE MEHUL KAMLAKAR
174	PAUL AKASH DATTATRAY
175	PATIL PAVAN RAJU
176	DHUMAL SATYAM MOHAN
177	PINGALE BHAGYASHREE ...
178	MORE HIMANSHU UMESH
179	SONI SHANU SHYAMJI
180	THAKUR ASHRAYA KISAN





ROLL NO.	NAME OF THE STUDENT
185	DABERAO PRIYANKA GAJANAN
186	DHANDE PUJA SUDHIR
187	HADAL AKSHADA GANESH
188	PATIL PRATIKSHA NARESH
189	SAMBARE PRIYANKA PRAVIN
190	SHUKLA KARAN RAJESH
191	MACHHI NEHA GIRIDHAR
192	BHOIR AADESH DATTATRY
193	PATIL RIYA MANOHAR
194	PADHI BAINATH RATNAKAR
195	SINGH RAJPRATAP RAJENDRA
196	TARE SPHURTI HARESHWAR
197	MELKUNDE SANDHYA MANIKPRABHU
198	MHATRE TANAYA SANTOSH
199	PATIL SAYALI SUDHAKAR
200	CHURI AKSHATA JAYPRAKASH
201	PATIL SAMRUDDHI PRAMOD
202	TANDEL BHAVIK SUDHIR
203	NAYAK SHIWANI SATYABAN
204	NAIK HINDAVI SUNIL
205	KHARAWAR PRINSEJ MISHRIPRASAD
206	PATIL SURAJ RAMCHANDRA
207	PATIL MOHIT GANGADHAR
208	PATIL UGAM DAYANAND
209	VAVARE SHUBHAM NARESH
210	PATIL DIPESH ROHIDAS
215	NAIK REVANSIDDHI SACHIN
216	JAGTAP ADITYA YASHWANT
217	PATIL BHUMIKA MAHENDRA
218	CHAUDHARI AYUSHRI PRITAM
219	NAYAK AKRUTI ASHOK



ROLL NO.	NAME OF THE STUDENT
220	MALI NITI SHYAM
221	JADHAV SWAPNA NARAYAN
222	YADAV RAHUL RAMBHARAT
223	KORE ANKITA JITENDRA
224	BHAGAT SHRADDHA RUDAL
225	GURAV PRASAD HARI
226	TUMBADA MUKESH SURESH
227	AMBALAN MOHAMMED SAHIL KASIM
228	SINGH ANKIT SANJAY
229	YADAV AKHILESH BALMUKUND
230	ANSARI SITARA KHATOON MOHMMAD ISLAM
231	MORE RAKSHAK RAKESH
232	GURJAR SUSHRILILAKUMARI PRABHULALI





# ATTENDANCE REPORT

Batch – 1 (Roll No. 1 – 30)

S.Y.BSc 18-19		Date													
Roll.	NAME OF THE STUDENT	12/04/18	13/04/18	14/04/18	15/04/18	16/04/18	17/04/18	18/04/18	19/04/18	20/04/18	21/04/18	22/04/18	23/04/18	24/04/18	25/04/18
1	PATRAWALA SAKINA YUNUS	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina	Sakina
2	RATHAD VAIBHAVI SANTOSH	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi	Vaibhavi
3	MORE PRANJALI PRAMOD	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
4	WADE ADITI SURYAKANT	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade	Wade
5	PATIL GAYATRI PRAKASH	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
6	SAROJ SUREKHA RAMSUMER	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj	Saroj
7	DAS GOVINDKUMAR VIJAYKUMAR	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das
8	DAS MADHAVKUMAR VIJAYKUMAR	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das	Das
9	GHARAT JANHAVI UMESH	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi
10	CHAUDHARI VINAY JITENDRA	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay
11	NIRMAL POOJA GANESH	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
12	THAKUR SAYALI SUBHASH	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali
13	PAWAR HARSHALI CHANDRAKANT	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali	Harshali
14	DHANU BHAVIKA SATISH	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika
15	MORE PRAJAKTA MOHAN	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
16	MULAY NIHARIKA DINESH	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika
17	PAWAR POOJA BIBHISHAN	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
18	BHOIR POONAM JAYDEV	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam
19	RAUT AKANKSHA RAMBHAU	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
20	SANKHE SAMIKSHA GANESH	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha
21	PATIL TANVI ARUN	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi
22	PATIL ANKIT ANKUSH	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
23	KINI GAURAV DAMODAR	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
24	GAIKWAD RUCHITA RAJESH	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita
25	MALI POOJA BALASAHEB	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
26	MALI RUCHI MANOJ	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi
27	UMATOL DEEPA VASANT	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa
28	SANKHE SHRADDHA VIPIN	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha
29	GHARAT PRANJAL MINESH	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali
30	THAKUR PRAJAKTA VASANT	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta

Instrumental

**Batch – 1 (Roll No. 31 – 60)**

31	MORE TANVI DHARMENDRA	<del>More</del>	<del>Tanvi</del>	<del>More</del>	<del>Tanvi</del>	<del>More</del>	<del>Tanvi</del>	<del>More</del>	<del>Tanvi</del>	<del>More</del>	<del>Tanvi</del>	<del>More</del>	<del>Tanvi</del>
32	PAGDHARE SAKSHI SANDESH	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>	<del>SP</del>
33	TANDEL SHREYA RANDHIR	<del>Handel</del>	<del>Shreya</del>	<del>Handel</del>	<del>Shreya</del>	<del>Handel</del>	<del>Shreya</del>	<del>Handel</del>	<del>Shreya</del>	<del>Handel</del>	<del>Shreya</del>	<del>Handel</del>	<del>Shreya</del>
34	GHARAT PURVA NITIN	<del>Purva</del>	<del>Nitin</del>	<del>Purva</del>	<del>Nitin</del>	<del>Purva</del>	<del>Nitin</del>	<del>Purva</del>	<del>Nitin</del>	<del>Purva</del>	<del>Nitin</del>	<del>Purva</del>	<del>Nitin</del>
35	VAIDYA SHIVANI MOHAN	<del>Shivani</del>	<del>Mohan</del>	<del>Shivani</del>	<del>Mohan</del>	<del>Shivani</del>	<del>Mohan</del>	<del>Shivani</del>	<del>Mohan</del>	<del>Shivani</del>	<del>Mohan</del>	<del>Shivani</del>	<del>Mohan</del>
36	KINI JANHAVI VIKAS	<del>K</del>	<del>J</del>	<del>K</del>	<del>J</del>	<del>K</del>	<del>J</del>	<del>K</del>	<del>J</del>	<del>K</del>	<del>J</del>	<del>K</del>	<del>J</del>
37	KHADKE JAYASHRI JANU	<del>Khadke</del>	<del>Jayashri</del>	<del>Khadke</del>	<del>Jayashri</del>	<del>Khadke</del>	<del>Jayashri</del>	<del>Khadke</del>	<del>Jayashri</del>	<del>Khadke</del>	<del>Jayashri</del>	<del>Khadke</del>	<del>Jayashri</del>
38	SANKHE TANUJA BABURAO	<del>Sankhe</del>	<del>Tanuja</del>	<del>Sankhe</del>	<del>Tanuja</del>	<del>Sankhe</del>	<del>Tanuja</del>	<del>Sankhe</del>	<del>Tanuja</del>	<del>Sankhe</del>	<del>Tanuja</del>	<del>Sankhe</del>	<del>Tanuja</del>
39	JADHAV AJAY DATTA	<del>ADJ</del>	<del>Datta</del>	<del>ADJ</del>	<del>Datta</del>	<del>ADJ</del>	<del>Datta</del>	<del>ADJ</del>	<del>Datta</del>	<del>ADJ</del>	<del>Datta</del>	<del>ADJ</del>	<del>Datta</del>
40	PAWAR SWAPNIL SUBHASH	<del>Swapnil</del>	<del>Subhash</del>	<del>Swapnil</del>	<del>Subhash</del>	<del>Swapnil</del>	<del>Subhash</del>	<del>Swapnil</del>	<del>Subhash</del>	<del>Swapnil</del>	<del>Subhash</del>	<del>Swapnil</del>	<del>Subhash</del>
41	PATIL RUSHIKESH DATTATREY	<del>Ratil</del>	<del>Dattatreya</del>	<del>Ratil</del>	<del>Dattatreya</del>	<del>Ratil</del>	<del>Dattatreya</del>	<del>Ratil</del>	<del>Dattatreya</del>	<del>Ratil</del>	<del>Dattatreya</del>	<del>Ratil</del>	<del>Dattatreya</del>
42	YADAV UMESH RAJESH	<del>Umesh</del>	<del>Rajesh</del>	<del>Umesh</del>	<del>Rajesh</del>	<del>Umesh</del>	<del>Rajesh</del>	<del>Umesh</del>	<del>Rajesh</del>	<del>Umesh</del>	<del>Rajesh</del>	<del>Umesh</del>	<del>Rajesh</del>
43	BHALE ASMITA JANARDAN	<del>Asmita</del>	<del>Janardan</del>	<del>Asmita</del>	<del>Janardan</del>	<del>Asmita</del>	<del>Janardan</del>	<del>Asmita</del>	<del>Janardan</del>	<del>Asmita</del>	<del>Janardan</del>	<del>Asmita</del>	<del>Janardan</del>
44	KAMBLE SNEHAL JEEVAN	<del>Kamble</del>	<del>Jeevan</del>	<del>Kamble</del>	<del>Jeevan</del>	<del>Kamble</del>	<del>Jeevan</del>	<del>Kamble</del>	<del>Jeevan</del>	<del>Kamble</del>	<del>Jeevan</del>	<del>Kamble</del>	<del>Jeevan</del>
45	RAUT VEDIKA RAJENDRA	<del>Vraut</del>	<del>Rajendra</del>	<del>Vraut</del>	<del>Rajendra</del>	<del>Vraut</del>	<del>Rajendra</del>	<del>Vraut</del>	<del>Rajendra</del>	<del>Vraut</del>	<del>Rajendra</del>	<del>Vraut</del>	<del>Rajendra</del>
46	SHELAR PRAJAKTA VINAYAK	<del>Shelar</del>	<del>Vinayak</del>	<del>Shelar</del>	<del>Vinayak</del>	<del>Shelar</del>	<del>Vinayak</del>	<del>Shelar</del>	<del>Vinayak</del>	<del>Shelar</del>	<del>Vinayak</del>	<del>Shelar</del>	<del>Vinayak</del>
47	THAKUR RINKU UMESH	<del>Rinku</del>	<del>Umesh</del>	<del>Rinku</del>	<del>Umesh</del>	<del>Rinku</del>	<del>Umesh</del>	<del>Rinku</del>	<del>Umesh</del>	<del>Rinku</del>	<del>Umesh</del>	<del>Rinku</del>	<del>Umesh</del>
48	SINGH GULAB GAJENDRABAHADUR	<del>Singh</del>	<del>Gajendra</del>	<del>Singh</del>	<del>Gajendra</del>	<del>Singh</del>	<del>Gajendra</del>	<del>Singh</del>	<del>Gajendra</del>	<del>Singh</del>	<del>Gajendra</del>	<del>Singh</del>	<del>Gajendra</del>
49	SHINDE BHAVESH VILAS	<del>Vilas</del>	<del>Bhavesh</del>	<del>Vilas</del>	<del>Bhavesh</del>	<del>Vilas</del>	<del>Bhavesh</del>	<del>Vilas</del>	<del>Bhavesh</del>	<del>Vilas</del>	<del>Bhavesh</del>	<del>Vilas</del>	<del>Bhavesh</del>
50	GHARAT YASH VIJAY	<del>Gyash</del>	<del>Vijay</del>	<del>Gyash</del>	<del>Vijay</del>	<del>Gyash</del>	<del>Vijay</del>	<del>Gyash</del>	<del>Vijay</del>	<del>Gyash</del>	<del>Vijay</del>	<del>Gyash</del>	<del>Vijay</del>
51	GAWAD DURVESH DEEPAK	<del>Durvesh</del>	<del>Deepak</del>	<del>Durvesh</del>	<del>Deepak</del>	<del>Durvesh</del>	<del>Deepak</del>	<del>Durvesh</del>	<del>Deepak</del>	<del>Durvesh</del>	<del>Deepak</del>	<del>Durvesh</del>	<del>Deepak</del>
52	SANGALE JAY PRAVIN	<del>Jay</del>	<del>Pravin</del>	<del>Jay</del>	<del>Pravin</del>	<del>Jay</del>	<del>Pravin</del>	<del>Jay</del>	<del>Pravin</del>	<del>Jay</del>	<del>Pravin</del>	<del>Jay</del>	<del>Pravin</del>
53	GHARAT PARAS NILESH	<del>Paras</del>	<del>Nilesh</del>	<del>Paras</del>	<del>Nilesh</del>	<del>Paras</del>	<del>Nilesh</del>	<del>Paras</del>	<del>Nilesh</del>	<del>Paras</del>	<del>Nilesh</del>	<del>Paras</del>	<del>Nilesh</del>
54	GHARAT JIT DHANANJAY	<del>Jit</del>	<del>Dhananjay</del>	<del>Jit</del>	<del>Dhananjay</del>	<del>Jit</del>	<del>Dhananjay</del>	<del>Jit</del>	<del>Dhananjay</del>	<del>Jit</del>	<del>Dhananjay</del>	<del>Jit</del>	<del>Dhananjay</del>
55	PATIL YASH YATIN	<del>Yash</del>	<del>Yatin</del>	<del>Yash</del>	<del>Yatin</del>	<del>Yash</del>	<del>Yatin</del>	<del>Yash</del>	<del>Yatin</del>	<del>Yash</del>	<del>Yatin</del>	<del>Yash</del>	<del>Yatin</del>
56	PATIL PARESH KAMLAKAR	<del>Ppk</del>	<del>Kamlakar</del>	<del>Ppk</del>	<del>Kamlakar</del>	<del>Ppk</del>	<del>Kamlakar</del>	<del>Ppk</del>	<del>Kamlakar</del>	<del>Ppk</del>	<del>Kamlakar</del>	<del>Ppk</del>	<del>Kamlakar</del>
57	MEDHA SACHIN VISHNU	<del>Smedha</del>	<del>Vishnu</del>	<del>Smedha</del>	<del>Vishnu</del>	<del>Smedha</del>	<del>Vishnu</del>	<del>Smedha</del>	<del>Vishnu</del>	<del>Smedha</del>	<del>Vishnu</del>	<del>Smedha</del>	<del>Vishnu</del>
58	MORE KUNAL VILASRAO	<del>More</del>	<del>Vilasrao</del>	<del>More</del>	<del>Vilasrao</del>	<del>More</del>	<del>Vilasrao</del>	<del>More</del>	<del>Vilasrao</del>	<del>More</del>	<del>Vilasrao</del>	<del>More</del>	<del>Vilasrao</del>
59	SHAHU VIKAS KAPIL	<del>Vikas</del>	<del>Kapil</del>	<del>Vikas</del>	<del>Kapil</del>	<del>Vikas</del>	<del>Kapil</del>	<del>Vikas</del>	<del>Kapil</del>	<del>Vikas</del>	<del>Kapil</del>	<del>Vikas</del>	<del>Kapil</del>
60	PAWADE AISHWARYA BHALCHANDRA	<del>Pawade</del>	<del>Bhalchandra</del>	<del>Pawade</del>	<del>Bhalchandra</del>	<del>Pawade</del>	<del>Bhalchandra</del>	<del>Pawade</del>	<del>Bhalchandra</del>	<del>Pawade</del>	<del>Bhalchandra</del>	<del>Pawade</del>	<del>Bhalchandra</del>

Instrumental



### Batch – 1 (Roll No. 61 – 90)

61	PATIL SHWETA VIJAY	Beste	Beste	Beste	Beste	Beste	Beste	Beste	Beste	Beste	Beste	Beste	Beste
62	PIMPLE SAMRUDDHI SAINATH	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple	S.S.Pimple
63	GURAV ROSHAN BRAHMANAND	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav	Rohav
64	JADHAV RAJ RAVI	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
65	KALE SHUBHAM PANDURANG	Skale	Skale	Skale	Skale	Skale	Skale	Skale	Skale	Skale	Skale	Skale	Skale
66	NIKAM ABHISHEK BALASAHEB	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam	A.Nikam
67	ROKADA NITESH RAJU	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh	Nitesh
68	PATIL NIKITA SHRAVAN	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P	N.S.P
69	CHAUDHARI AKANSHA ASHOK	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha	Akansha
70	NAIK BHAVIK ANIL	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik	Anaik
71	KALPUND PRACHI PRAMOD	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
72	PADWALE KRUTIKA PRALHAD	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale	Pravale
73	MACHHI SAJAN KAMU	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan	Sajan
74	MHATRE HARSHIKA HEMANT	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika	Harshika
75	PIMPLE YUKTA MANOJ	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple
76	LONDHE AAKASH MAHADEV	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash	Aakash
77	JADHAV POOJA SUBHASH	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
78	GHATAL SHITAL ARUN	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun
79	MOHITE SHAMAL DINESH	Samal	Samal	Samal	Samal	Samal	Samal	Samal	Samal	Samal	Samal	Samal	Samal
80	YADAV INDU RAMASHRAY	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu	Indu
81	SINGH KRISHNA SHRICHAND	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh
82	LADKAT SNEHA DATTATRAYA	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha
83	AREKAR SNEHAL GANPAT	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal
84	PRASAD SHANTI RAJKUMAR	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti	Shanti
85	THALEKAR PRAGATI BALARAM	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati
86	NAVALE DISHANKA VITTHAL	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale
87	NAIR ATHIRA GOPAKUMAR	Anair	Anair	Anair	Anair	Anair	Anair	Anair	Anair	Anair	Anair	Anair	Anair
88	PANDEY PRIYA PUSHPENDRA	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey	Prandey
89	KADAM DIKSHALI DEEPAK	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam
90	AWATE SUVARNA ATRINANDAN	Awate	Awate	Awate	Awate	Awate	Awate	Awate	Awate	Awate	Awate	Awate	Awate

Instrumental

### Batch – 2 (Roll No. 91 – 120)

	04/04/19	05/04/19	07/04/19	08/04/19	09/04/19	10/04/19	11/04/19	13/04/19	14/04/19	15/04/19	16/04/19	17/04/19
91	REPALLE MADHURI ARUN	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun
92	YADAV RAHUL LALJI	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji	R Lalji
93	ANUSE AVINASH APPA	Appa	Appa	Appa	Appa	Appa	Appa	Appa	Appa	Appa	Appa	Appa
94	GOLIM GAURANG SUNIL	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil
95	TARE MEHUL KAMLAKAR	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar	Kamlakar
96	PAUL AKASH DATTATRAY	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray	Dattatray
97	PATIL PAVAN RAJU	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan
98	DHUMAL SATYAM MOHAN	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan
99	PINGALE BHAGYASHREE GANESH	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
100	MORE HIMANSHU UMESH	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh
101	SONI SHANU SHYAMJI	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu
102	THAKUR ASHRAYA KISAN	Kisan	Kisan	Kisan	Kisan	Kisan	Kisan	Kisan	Kisan	Kisan	Kisan	Kisan
103	PATIL TAPASVI PARSHURAM	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram	Parshuram
104	PAGI VANDANA LAHANU	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu	Lahanu
105	SHAIKH MOHAMMEDFAHAD RAFIQUE	Rafique	Rafique	Rafique	Rafique	Rafique	Rafique	Rafique	Rafique	Rafique	Rafique	Rafique
106	PATIL RAHUL MADHAVRAO	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao	Madhavrao
107	DABERAO PRIYANKA GAJANAN	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan	Gajanan
108	DHANDE PUJA SUDHIR	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir	Sudhir
109	HADAL AKSHADA GANESH	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
110	PATIL PRATIKSHA NARESH	Naresh	Naresh	Naresh	Naresh	Naresh	Naresh	Naresh	Naresh	Naresh	Naresh	Naresh
111	SAMBARE PRIYANKA PRAVIN	Praavin	Praavin	Praavin	Praavin	Praavin	Praavin	Praavin	Praavin	Praavin	Praavin	Praavin
112	SHUKLA KARAN RAJESH	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
113	MACHHI NEHA GIRIDHAR	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar	Giridhar
114	BHOIR AADESH DATTATRY	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry	Dattatry
115	PATIL RIYA MANOHAR	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar
116	PADHI BAINATH RATNAKAR	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar	Ratnakar
117	SINGH RAJPRATAP RAJENDRA	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra
118	TARE SPHURTI HARESHWAR	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar	Hareshwar
119	MELKUNDE SANDHYA MANIKPRABHU	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu	Manikprabhu
120	MHATRE TANAYA SANTOSH	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh

Instrumental



**Batch – 2 (Roll No. 121 – 150)**

121	PATIL SAYALI SUDHAKAR	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil
122	CHURI AKSHATA JAYPRAKASH	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri	A.Chauri
123	PATIL SAMRUDDHI PRAMOD	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil
124	TANDEL BHAVIK SUDHIR	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel	P. Tandel
125	NAYAK SHIWANI SATYABAN	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak	S. Nayak
126	NAIK HINDAVI SUNIL	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik
127	KHARAWAR PRINSEJ MISHRIPRASAD	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej	Prinsej
128	PATIL SURAJ RAMCHANDRA	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil	S. Patil
129	PATIL MOHIT GANGADHAR	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil	M. Patil
130	PATIL UGAM DAYANAND	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil	P. Patil
131	VAVARE SHUBHAM NARESH	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare	V. Vavare
132	PATIL DIPESH ROHIDAS	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil
133	MULYE ABHISHEK ANAND												
134	SANKHE MITTAL SUNIL												
135	BHAMARE DURVAS ASHOK												
136	YADAV RITESH RAMASHRAY	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav
137	NAIK REVANSIDDHI SACHIN												
138	JAGTAP ADITYA YASHWANT												
139	PATIL BHUMIKA MAHENDRA	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil	B. Patil
140	CHAUDHARI AYUSHRI PRITAM												
141	NAYAK AKRUTI ASHOK												
142	MALI NITI SHYAM	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali	S. Mali
143	JADHAV SWAPNA NARAYAN	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav	J. Jadhav
144	YADAV RAHUL RAMBHARAT	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav	R. Yadav
145	KORE ANKITA JITENDRA	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore	A. Kore
146	BHAGAT SHRADDHA RUDAL												
147	GURAV PRASAD HARI	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav	P. Gurav
148	TUMBADA MUKESH SURESH	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada	M. Tumbada
149	AMBALAN MOHAMMED SAHIL KASIM												
150	SINGH ANKIT SANJAY	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh	A. Singh

Instrumental

## Batch – 2 (Roll No. 151 – 180)

151	YADAV AKHILESH BALMUKUND	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav
152	ANSARI SITARA KHATOON MOHAMMAD ISLAM	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>	<del>Asitara</del>
153	MORE RAKSHAK RAKESH	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>
154	GURIJAR SUSHRILILAKUMARI PRABHULALI	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>	<del>S.Gurjar</del>
155	JADHAV POOJA SUBHASH	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>	<del>J.Pooja</del>
156	GHATAL SHITAL ARUN	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>	<del>Ghat</del>
157	MOHITE SHAMAL DINESH	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>	<del>Mohite</del>
158	YADAV INDU RAMASHRAY	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>	<del>Y.Indu</del>
159	SINGH KRISHNA SHRICHAND	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>	<del>Singh</del>
160	LADKAT SNEHA DATTATRAYA	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>	<del>Sneha</del>
161	AREKAR SNEHAL GANPAT	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>	<del>Snehal</del>
162	PRASAD SHANTI RAJKUMAR	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>	<del>Shanti</del>
163	THALEKAR PRAGATI BALARAM	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>	<del>Pragati</del>
164	NAVALE DISHANKA VITTHAL	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>	<del>Navale</del>
165	NAIR ATHIRA GOPAKUMAR	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>	<del>Nair</del>
166	PANDEY PRIYA PUSHPENDRA	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>	<del>Pandey</del>
167	KADAM DIKSHALI DEEPAK	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>	<del>Kadam</del>
168	AWATE SUWARNA ATRINANDAN	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>	<del>Awate</del>
169	REPALE MADHURI ARUN	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>	<del>Repale</del>
170	YADAV RAHUL LAJJI	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>	<del>Ryady</del>
171	ANUSE AVINASH APPA	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>	<del>Anuse</del>
172	GOLIM GAURANG SUNIL	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>	<del>Golim</del>
173	TARE MEHUL KAMLAKAR	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>	<del>Mtare</del>
174	PAUL AKASH DATTATRAY	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>	<del>Paul</del>
175	PATIL PAVAN RAJU	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
176	DHUMAL SATYAM MOHAN	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>	<del>Dhumal</del>
177	PINGALE BHAGYASHREE GANESH	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>	<del>Bingale</del>
178	MORE HIMANSHU UMESH	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>	<del>more</del>
179	SONI SHANU SHYAMJI	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>	<del>soni</del>
180	THAKUR ASHRAYA KISAN	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>	<del>thakur</del>

Instrumental



**Batch – 2 (Roll No. 185 – 219)**

185	DABERAO PRIYANKA GAJANAN	P	P	P	P	P	P	P	P	P	P	P	P
186	DHANDE PUJA SUDHIR	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde	Dhunde
187	HADAL AKSHADA GANESH	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl	Ahadl
188	PATIL PRATIKSHA NARESH	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil	Npatil
189	SAMBARE PRIYANKA PRAVIN	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare	Pambare
190	SHUKLA KARAN RAJESH	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan	Kasan
191	MACHHI NEHA GIRIDHAR	Macha	Macha	Macha	Macha	Macha	Macha	Macha	Macha	Macha	Macha	Macha	Macha
192	BHOIR AADESH DATTATRY	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir
193	PATIL RIYA MANOHAR	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
194	PADHI BAINATH RATNAKAR	P	P	P	P	P	P	P	P	P	P	P	P
195	SINGH RAJPRATAP RAJENDRA	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh
196	TARE SPHURTI HARESHWAR	Tare	Tare	Tare	Tare	Tare	Tare	Tare	Tare	Tare	Tare	Tare	Tare
197	MELKUNDE SANDHYA MANIKPRABHU	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
198	MHATRE TANAYA SANTOSH	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre	Mhatre
199	PATIL SAYALI SUDHAKAR	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
200	CHURI AKSHATA JAYPRAKASH	Churi	Churi	Churi	Churi	Churi	Churi	Churi	Churi	Churi	Churi	Churi	Churi
201	PATIL SAMRUDDHI PRAMOD	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
202	TANDEL BHAVIK SUDHIR	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel	Tandel
203	NAYAK SHIWANI SATYABAN	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani	N.Shivani
204	NAIK HINDAVI SUNIL	Snike	Snike	Snike	Snike	Snike	Snike	Snike	Snike	Snike	Snike	Snike	Snike
205	KHARAWAR PRINSEJ MISHRIPRASAD	PMK	PMK	PMK	PMK	PMK	PMK	PMK	PMK	PMK	PMK	PMK	PMK
206	PATIL SURAJ RAMCHANDRA	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
207	PATIL MOHIT GANGADHAR	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil
208	PATIL UGAM DAYANAND	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil	Upatil
209	VAVARE SHUBHAM NARESH	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham	Vshubham
210	PATIL DIPESH ROHIDAS	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh	Dipesh
211	NAIK REVANSIDDHI SACHIN	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik
212	JAGTAP ADITYA YASHWANT	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
217	PATIL BHUMIKA MAHENDRA	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil	B.Patil
218	CHAUDHARI AYUSHRI PRITAM	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya	Acharya
219	NAYAK AKRUTI ASHOK	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak	Anyak

Instrumental

## Batch – 2 (Roll No. 220 – 232)

220	MALI NITI SHYAM	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small
221	JADHAV SWAPNA NARAYAN	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small
222	YADAV RAHUL RAMBHARAT	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav
223	KORE ANKITA JITENDRA	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore	Kore
224	BHAGAT SHRADDHA RUDAL	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat	Bhagat
225	GURAV PRASAD HARI	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav
226	TUMBADA MUKESH SURESH	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh
227	AMBALAN MOHAMMED SAHIL KASIM	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh
228	SINGH ANKIT SANJAY	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh	Singh
229	YADAV AKHILESH BALMUKUND	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small	Small
230	ANSARI SITARA KHATOON MOHAMMAD ISLAM	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari	Ansari
231	MORE RAKSHAK RAKESH	More	More	More	More	More	More	More	More	More	More	More	More	More	More	More
232	GURJAR SUSHRILILAKUMARI PRABHULALISUNJI	More	More	More	More	More	More	More	More	More	More	More	More	More	More	More

Instrumental

## SUMMARY REPORT

Certificate Course in Instrumental Analysis was conducted for the students of S.Y.B.Sc. Students were trained for basic handling of apparatus, chemical calculations, preparation of standard solutions.

A certificate course in instrumental analysis provides several benefits to learners. It enhances their skills and knowledge in the field of chemistry.

The course helps to develop a solid understanding of various analytical techniques and methods used in the laboratory and theoretical concepts. Learners gain hands-on experience in using instruments and correct way to handle apparatus.

A certificate in this course adds an advantage to learner's resume. Various sophisticated instruments are widely used in industries, acquiring skills in this area can makes the learner highly relevant and valuable in these sectors, as they can immensely contribute to various areas in the industry.

### **Batch I**

Course Commencement: 12/11/2018

Course Completion: 27/11/2018

Number of students enrolled for the course: 90

Number of students completed the course: 90

Duration of the course: 42 hours

### **Batch II**

Course Commencement: 04/04/2019

Course Completion: 17/04/2019

Number of students enrolled for the course: 140

Number of students completed the course: 140

Duration of the course: 42 hours



**Dr. Shirish Pitale**

**HOD – Chemistry**



## FEEDBACK FORM

Sonopant Dandekar Arts, V.S. Apte Commerce and M.H.Mehta  
Science College, Palghar

Internal Quality Assurance Cell

Feedback Form on Certificate Course for Undergraduate in  
Chemistry

Name: Yukta Manoj Pimple

Class: S.Y. B.Sc.

Roll No.: 75

Parameters	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
After completing this course, my knowledge in the topic has increased.	✓				
This course increased my interest in chemistry related topics.	✓				
The teacher communicated clearly and effectively	✓				
The teacher encouraged feedback, class participation and interaction	✓				
The course started and ended on schedule	✓				
Course objectives were clearly presented	✓				
Course material was well prepared	✓				
The course developed my understanding of concepts and principles	✓				

Pimple  
Signature of student



## **ACTION PHOTOGRAPH**



**STUDENTS PERFORMING PRACTICAL'S**

## SAMPLE CERTIFICATES



**SONOPANT DANDEKAR SHIKSHAN MANDALI'S**  
**Sonopant Dandekar Arts, V.S. Apte Commerce &**  
**M.H. Mehta Science College, Palghar**

# **Certificate**

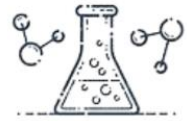
## **OF COMPLETION**

This is to certify that

**Ms. THAKUR SAYALI S.**

*had successfully completed*

**Certificate course in Instrumental Analysis**



*Dandekar*

Head  
Department of Chemistry

*M. Deshmukh*

CFEI - Chairman

*K. Sane*

Principal  
Sonopant Dandekar Arts College,  
V.S. Apte Commerce College &  
M.H. Mehta Science College  
PALGHAR (W.R.)  
Dist. Palghar, Pin-401404



DATE : 24-04-2019



**SONOPANT DANDEKAR SHIKSHAN MANDALI'S**  
**Sonopant Dandekar Arts, V.S. Apte Commerce &**  
**M.H. Mehta Science College, Palghar**

# **Certificate**

## **OF COMPLETION**

This is to certify that

**Mr. PATIL ANKIT ANKUSH**

*had successfully completed*

**Certificate course in Instrumental Analysis**



*Damodar*

Head  
Department of Chemistry

*M. Deshmukh*

CFEI - Chairman

*K. Sawane*

Principal  
Sonopant Dandekar Arts College,  
V.S. Apte Commerce College &  
M.H. Mehta Science College  
PALGHAR (W.R.)  
Dist. Palghar, Pin-401404



DATE : 24-04-2019