



NOTICE

Wed. 24/01/2024

All FYBSC PMS group students are hereby informed that, department of Physics will conduct a Unit test on Physics Paper I – Optics on 2nd Feb. 2024. This is a part of continuous internal evaluation and mandatory to all students.

Course Title : Optics I

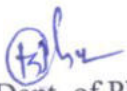
Scope of Exam – Unit No. I

Date : Friday, 02/02/2024

Physics Paper No. : I

Marks : 20

Time : 40 Minutes


Head Dept. of Physics

Head Dept. of Physics
ARACS College, Vaibhavwadi


Principal

Principal
Anandilal Raorane Arts, Commerce
& Science College, Vaibhavwadi



Maharana Pratapsinh Shikshan Sanstha Mumbai's
Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi

**DEPARTMENT OF
PHYSICS**

FYBSC SEM II (2023-24) Unit Test Result

Sr.No.	Name of the student	Marks Obtained	Remarks
1	AGRE DNYANESHWARI RAMESH	Ab	Fail
2	AGRE PRACHI RAMESH	Ab	Fail
3	BANDIWADEKAR PRANJALI SUNIL	18	Pass
4	BHARMAL SHRUSHTI ANIL	14	Pass
5	BHUTAL VAISHNAVI AJAY	15	Pass
6	CHAUHAN LUCKY AMBIKA	17	Pass
7	CHOUGULE AKSHAY PRADIP	12	Pass
8	GAIKWAD VAISHNAVI DIPAK	16	Pass
9	GOSAVI VIGNESH SURESH	13	Pass
10	GURAV SUJAL MANGESH	07	Fail
11	HUMBE MAYURESH SAKHARAM	Ab	Fail
12	INDULKAR MITALI SAGAR	12	Pass
13	JADHAV YASHDIP JAYANT	Ab	Fail
14	KADAM RITESH RAJAN	12	Pass
15	KADAM SUMIT VINOD	07	Fail
16	KAMBLE SUDARSHANA VIJAY	Ab	Fail
17	KHARAT KOMAL SITARAM	14	Pass
18	KHARAT NIKITA JANU	12	Pass
19	LAD PRATHAMESH PRAMOD	14	Pass
20	LOKARE VEDANTI RUPESH	15	Pass
21	MITHARI VAIBHAV SHIVANAND	16	Pass
22	NIKAM SAHIL PRAKASH	12	Pass
23	PATIL SOURABHA MAHIPATI	14	Pass
24	PATIL VAISHNAVI GOPAL	15	Pass
25	PAWAR MANSI BHARAT	18	Pass
26	RAORANE OMKAR CHOTU	06	Fail
27	RASAM SEJAL PRASHANT	12	Pass
28	REVADEKAR VAISHNAVI VIRESH	17	Pass
29	SAWANT VINAY PRAMOD	18	Pass

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30	SHETYE ANURAG VASANT	19	Pass
31	SHINDE DHANANJAY TANAJI	19	Pass
32	SHINDE SAMRUDDHI DASHRATH	13	Pass
33	TAMBE SHRAMIKA KASHINATH	Ab	Fail
34	TAWADE PRERANA SANJAY	16	Pass
35	WADEKAR SUYASH PRAVIN	14	Pass


Subject Teacher
(Mr. P. M. Dhere)


Head Dept. Of Physics
APACS College, Valbhavwadi


Principal
Anandilal Rastane Arts, Commerce
& Science College, Valbhavwadi



FYBSc Semester II Unit Test 1 (2023-24)

Course : Physics

Paper No. : I

Course Code: USPH201

Time : 40 Mins.

Marks : 20

Title : Optics

- Please note:**
1. All questions are compulsory.
 2. Figures to the right indicate full marks.
 3. Symbols have their usual meaning unless otherwise stated.
 4. Use of non-programmable calculator is allowed.

Q.1) Attempt any one of the following.

10

1. For a thin lens, derive a lens equation and hence deduce an expression for Lens maker's formula.
2. For a system of two thin lenses with focal lengths f_1 & f_2 separated by a distance 'd' obtain an expression for an equivalent focal length of a system.

Q.2) Attempt any two of the following.

10

1. Write a note on types of lenses.
2. Define the following.
 - a) Magnification of a lens
 - b) Lateral Magnification
 - c) longitudinal magnification
 - d) Angular magnification
 - e) Power of a lens.
3. Define aberration. Mention its types and also define Chromatic and spherical aberration.
4. For a system of two thin lenses with focal lengths $f_1 = 20$ cm & $f_2 = 20$ cm separated by a distance $d = 6$ cm find the equivalent focal length of a system.

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आनंदीबाई रावराणे कला, वाणिज्य व विज्ञान महाविद्यालय वैभववाडी.

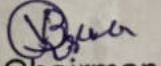
परीक्षा विभाग

सूचना

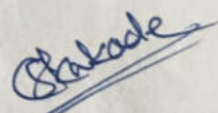
दि. 01.03.2024

सर्व प्राध्यापकांना कळविण्यात येते की, ज्यांच्या विषयाला Internal Exam/Project असतील त्यांनी दिनांक २८ मार्च २०२४ पर्यंत सर्व संबंधीत Internal Exam/Project पूर्ण करून त्याचे Schedule & Mark list परीक्षा विभागाकडे दिनांक ३० मार्च २०२४ पर्यंत जमा करावे.

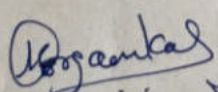
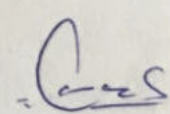
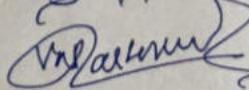
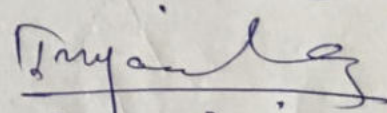
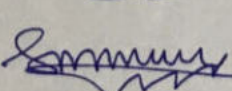
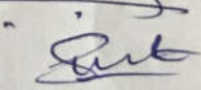
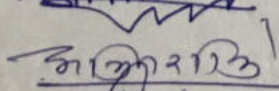
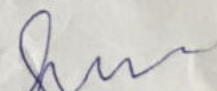
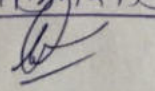
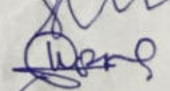
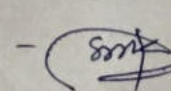
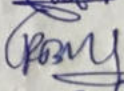
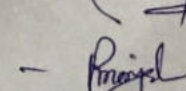
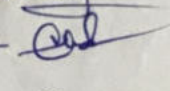
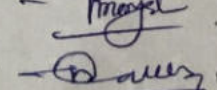
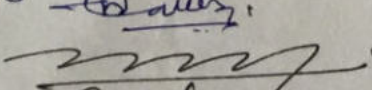
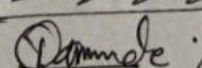
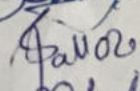
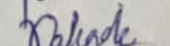
All the Faculty are informed that the subjects having Internal Exam/Project should complete all related Internal Exam/Project by 28th March 2024 and submit its Schedule & Mark list to the Examination Department by 30th March 2024. (For FY/SY/TP)


Chairman

Chairperson, Examinations
ARACS College, Vaibhavwadi.


Principal

Principal
Anandibai Raorane Arts, Commerce & Science
College, Vaibhavwadi.

- | | | | |
|--------------------------|---|-------------------------|---|
| ① Dr. D. S. Korgankar |  | ⑪ Prof. Dr. M. V. Gawde |  |
| ② Dr. Patil |  | ⑫ Dr. T. J. Jadhav |  |
| 3. Mr. S. B. Patil |  | ⑬ Dr. S. C. Rade |  |
| 4. Dr. A. R. Dighe |  | ⑭ Mr. S. R. Raye |  |
| 5. Dr. N. R. Hedulla |  | ⑮ Dr. K. A. Patil |  |
| 6. Mr. S. M. Karap |  | ⑯ Bhushan P. A. |  |
| 7. P. M. Manjarekar |  | ⑰ Mr. V. V. Shinde |  |
| 8. M. X. N. A. Kazelekar |  | ⑱ Mr. P. M. Dhene |  |
| 9. A. M. Kumbale |  | ⑲ Mr. S. S. Sherkar |  |
| 10. Dr. D. Y. Langde |  | ⑳ Dr. K. S. Patil |  |
| | | ㉑ Dr. V. C. Karkade |  |



University of Mumbai

M.G.Road, Fort, Mumbai-400032, Maharashtra(India)

<https://mumapp.digitaluniversity.ac/>

Blank Mark List For

B.Sc.(with Credits) - Regular-Rev16 - T.Y.B.Sc - Sem V [1500146] For Summer 2024

College : Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi (399), At/Post/Taluka-Vaibhavwadi, Dist.Sindhudurg, Vaibhavwadi, Vaibhavwadi, Sindhudurg Pin: 416810

Paper Name: Topology of Metric Spaces and Real Analysis (88679)		Theory CA		(Max Mark: 25 Min Mark: 10)	Count of Student: 7
Sr. No.	Seat Number	PRN	Student Name	Marks	Total
				25	
1	1014865	2021016401167593	GAWALI NIKHIL NAMDEO	ABSENT	ABSENT
2	1014866	2020016401292931	KAMBLE PRERANA DILIP	21	TWO ONE
3	1014867	2022016400525037	MORAYE TUSHAR DEVIDAS	20	TWO ZERO
4	1014868	2020016401707322	NARKAR SIDDHI SANJAY	ABSENT	ABSENT
5	1014869	2020016401286957	NAVALE AKSHAY SANTOSH	ABSENT	ABSENT
6	1014870	2017016402468061	PARAB KAJAL SANTOSH	20	TWO ZERO
7	1014871	2020016401286965	TAMBE SAHIL VILAS	21	TWO ONE



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& SCIENCE COLLEGE, VAIBHAVWADI

Seal

Pranjali
Signature of Examiner

Date 12/04/2024

Instruction

1. While entering the marks, please ensure a clear, legible hand-writing, without any scratches or over-writing.
2. In case of scratches, over-writing or corrections, please re-write the marks separately with your signature.
3. Use English number while entering the marks.
4. Usage of whitener is strictly prohibited.

University of Mumbai

M.G.Road, Fort, Mumbai-400032, Maharashtra(India)

<https://mumapp.digitaluniversity.ac/>

Blank Mark List For

B.A.(with Credits) - Regular-Rev16 - T.Y. B.A. - Sem VI [3A00146] For Summer 2024

College : Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi (399), At/Post/Taluka-Vaibhavwadi, Dist.Sindhudurg, Vaibhavwadi, Vaibhavwadi, Sindhudurg Pin: 416810

Subject Name: Hindi: Social Media (R 2021) (86724)

Project Work CA (Max Mark: 20 Min Mark: 8)

Count of Student: 13

Sr. No.	Seat Number	PRN	Student Name	Project Work (15) Marks	Marks Presentation (05) Marks	Total
1	9112908	2021016401191011	BHABAR SANTOSH VIJAY	13	03	16
2	9112909	2021016401135935	BHOSALE VAIBHAVI RAMKRUSHN	13	04	17
3	9112910	2021016401148897	JADHAV DHAMMIKA PRAKASH	13	03	16
4	9112911	2021016401195813	KAMBLE AKSHATA BHASKAR	12	03	15
5	9112912	2017016402080823	KHANVILKAR MAYURI ANANT	14	04	18
6	9112913	2021016401085825	MESTRY KRUSHNAKANT SURYAKANT	12	03	15
7	9112914	2021016401195794	PATANKAR DURVESH DAJI	10	03	13
8	9112915	2021016401190963	PATEKAR SAGAR PRAKASH	14	04	18
9	9112916	2021016401148901	PEDNEKAR CHETAN SANDIP	14	04	18
10	9112917	2021016401194431	PEDNEKAR MAYURI SURENDRA	14	04	18
11	9112918	2021016401117736	RAORANE AMEYA PRAMOD	12	03	15
12	9112919	2021016401141344	RAORANE SAHIL BANSIDHER	14	04	18
13	9112920	2021016401148383	SAKHARPEKAR PAWAN PRAKASH	14	04	18



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ANANDIBAI RAORANE ARTS, COMMERCE
& SCIENCE COLLEGE, VAIBHAVWADI



[Signature]
Head Dept. of Hindi
ARACS College, Vaibhavwadi

[Signature]
Signature of Examiner
Date 11/4/2024

- Instruction
1. While entering the marks, please ensure a clear, legible hand-writing, without any scratches or over-writing.
 2. In case of scratches, over-writing or corrections, please re-write the marks separately with your signature.
 3. Use English number while entering the marks.
 4. Usage of whitener is strictly prohibited.

University of Mumbai

Summer 2024

User Name: All Users

(with Credits) - Regular-Rev16-T.Y. B.A.-Sem VI [3A00146]

Literature and Science-II (86765)

Lectures-College Assessment

Max Marks: 20

Paper Wise Mark List (Against Seat Number)

Seat Number	Examiner Marks	Seat Number	Examiner Marks	Seat Number	Examiner Marks
9112921	16	9112922	15	9112923	15
9112924	17	9112925	15	9112926	16
9112927	15	9112928	16	9112929	15
9112930	17	9112931	15	9112932	15
9112933	15	9112934	15	9112935	15
9112936	15	9112937	16	9112938	15



C. S. Kakade
PRINCIPAL
ANANDIBAI RAORANE ARTS, COMMERCE
& SCIENCE COLLEGE, VAIBHAVWADI

Signature:	Signature: <i>C. S. Kakade</i>	Signature: <i>C. S. Kakade</i>
Name:	Name: Dr. V. C. Kakade	Name: Dr. C. S. Kakade
Designation:	Designation: Asso. Prof.	Designation: Principal
Date:	Date: 05/04/2024	Date: A.R.A.C.S. College, Vaibhavwadi

University of Mumbai



No. AAMS_UGS/ICC/2023-24/25

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office Circular No. UG/230 of 2017-18 dated 27th August, 2017 relating to the revised syllabus as per the (CBCS) for the S.Y.B. Sc. Chemistry (Sem - III & IV).

They are hereby informed that the recommendations made by the Board of Deans at its meeting held on 27th June, 2023 vide item No. 6.1 (R) have been accepted by the Academic Council at its meeting held on 27th June, 2023 vide item No. 6.1 (R) and that in accordance therewith, the revised syllabus of S.Y.B. Sc. (Chemistry) (CBCS) (Sem - III & IV) has been brought into force with effect from the academic year 2023-24.

(The said circular is available on the University's website www.mu.ac.in).

MUMBAI - 400 032
13th July, 2023


(Prof. Sunil Bhirud)
I/c. REGISTRAR

To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.1(R) /27/06/2023

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies Chemistry,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.


PRINCIPAL
Anandbal Rastane Arts, Commerce
& Science College, Vikhroli



AC – 27/06/2023

Item No. 6.1 (R)

UNIVERSITY OF MUMBAI



**Revised Syllabus for
S.Y. B.Sc.
(Chemistry)**

**Semester: III & IV
(CBCS)**

(With effect from the academic year 2023-24)



University of Mumbai



Syllabus for Approval

Sr. No.	Heading	Particulars
1	O: _____ Title of Course	S. Y. B. Sc. (Chemistry)
2	O: _____ Eligibility	F. Y. B. Sc. Passed from this university (or with ATKT in any two courses at the F. Y. B. Sc. Level) or equivalent qualification from other universities as may have been allowed by the relevant ordinances of this university
3	R: _____ Passing Marks	40%
4	No. of years/Semesters:	Two
5	Level:	UG
6	Pattern:	Semester
7	Status:	Revised
8	To be implemented from Academic Year :	From Academic Year: 2023-24

Garje
Prof. Shivram S. Garje,
Dean,
Faculty of Science and Technology

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Anandibai Raorane Arts, Commerce
& Science College, Valbhavwadi



8	No. of Practicals	9 periods per week (three periods per paper)
9	Duration of Course	Two Semester
10	Notional Hours	72 hours per paper per semester Theory and 36 hours per paper per semester for laboratory sessions
11	No of students per batch	120 students per division (20 Students for laboratory sessions)
12	Selection	As per merit.
13	Assessment	End of semester examination of 75 marks per paper for theory, 25 marks Internal evaluation and 50 marks per paper for laboratory sessions
14	Syllabus Detail	Attached
15	Title of the Unit	As given in the Syllabus text
16	Title of the Sub-unit	As given in the syllabus text.
17	Semester wise Theory	As prescribed in the syllabus text
18	Semester wise Practicals	As prescribed in the syllabus text.
19	Question Paper Pattern	As prescribed by the Faculty of Science
20	Scheme of evaluation of Project	N.A.
21	List of suggested reading	--
22	List of websites	--
23	List of You Tube videos	--
24	List of MOOCs	--

AC 07th July, 2023
Item No. 6.1 (R)



UNIVERSITY OF MUMBAI



Program: B.Sc.

Course: Physics

Syllabus for Semester:III & IV

(Choice Based and Credit System with effect from the
Academic year 2023-24)

University of Mumbai



No. AAMS_UGS/ICC/2023-24/32

CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology is invited to this office Circular No. UG/35 of 2019-20 dated 17th June, 2019 relating to the revised syllabus as per the (CBCS) for the S.Y.B. Sc. in Physics Paper III in (Sem - III & IV).

They are hereby informed that the recommendations made by the Board of Deans at its meeting held on 04th July, 2023 vide item No. 6.1 (R) have been accepted by the Academic Council at its meeting held on 07th July, 2023 vide item No. 6.1 (R) and that in accordance therewith, the **revised syllabus** of S.Y.B. Sc. (Physics) (CBCS) (Sem - III & IV) has been brought into force with effect from the academic year 2023-24.

(The said circular is available on the University's website www.mu.ac.in).

MUMBAI - 400 032
14th July, 2023


(Prof. Sunil Bhirud)
I/c. REGISTRAR

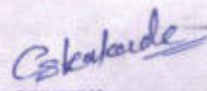
To

The Principals of the Affiliated Colleges and Directors of the Recognized Institutions in Faculty of Science & Technology.

A.C/6.1(R) /07/07/2023

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Science & Technology,
- 2) The Chairman, Board of Studies **Physics**,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Director, Department of Information & Communication Technology,
- 6) The Co-ordinator, MKCL.


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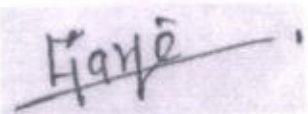
AC _____
Item No. _____

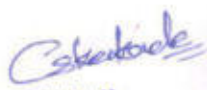
UNIVERSITY OF MUMBAI



Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course	B.Sc. (Physics)
2	Eligibility for Admission	F.Y.B.Sc. passed from this university (or with ATKT in any two courses at F.Y.B.Sc. Level) or equivalent qualification from other Universities as may have been allowed by the relevant ordinance of this University
3	Passing Marks	40%
4	Ordinances / Regulations (if any)	-
5	No. of Years / Semesters	02 Semesters
6	Level	UG
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic Year	From Academic Year: 2023-2024


Name Prof.(Dr.) Shivram S. Garje
Dean, Science and Technology


PRINCIPAL
Anandilal Rao Arts, Commerce
& Science College, Vaidhyanagar

8	No. of Practicals	9 periods per week (three periods per paper)
9	Duration of Course	Two Semester
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17	Semester wise Theory	As prescribed in the syllabus text
18	Semester wise Practicals	As prescribed in the syllabus text.
19	Question Paper Pattern	As prescribed by the Faculty of Science
20	Scheme of evaluation of Project	N.A.
21	List of suggested reading	--
22	List of websites	--
23	List of You Tube videos	--
24	List of MOOCs	--

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 Anandbal Raorane Arts, Commerce
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Maharana Pratapsinh Shikshan Sanstha Mumbai's
Anandibai Raorane Arts, Commerce and Science College,
Vaibhavwadi
Academic Calendar
(2023-24)

FIRST TERM
(13th June, 2023 to 11th November, 2023)

Month	Event/ Activities	Proposed Period
June	➤ Admission process (SY & TY Class)	From 13 th June, 2023 to last date (As per schedule of University of Mumbai)
	➤ Commencement of online classes (S.Y. / T.Y.)	From 13 th June, 2023
	➤ Cleanliness Campaign (NSS)	20 th June, 2023
	➤ Teaching & Non-teaching staff meeting	3 rd week
	➤ International Yoga Day (Dept. of Gymkhana, NSS, NCC)	21 st June, 2023
	➤ Birth Anniversary of Chh. Rajarshi Shahu Maharaj (Social Justice Day) & Maharana Pratap Singh	26 th June, 2023
	➤ Felicitation of 10 th & 12 th Ranker Students of Vaibhavwadi Tehsil	
	➤ National Statistics Day and Poster Exhibition	29 th June, 2023
	➤ Enrollment of students in various extension activities (NSS, NCC, Sports, WDC, Competitive Examination Cell, etc.)	3 rd week
	➤ Administrative committee meetings for annual planning	3 rd & 4 th week
July	➤ Tree plantation programme (NSS, NCC & Nature Club)	1 st July, 2023
	➤ Gurupournima (Cultural Department)	3 rd July, 2023
	➤ IQAC meeting (First Term Planning)	2 nd week
	➤ To sign the MoU with different Institutions, Universities, Industries and Research Centre	--
	➤ Parent-Teacher Association meeting	2 nd week
	➤ World Population Day (Dept. of Economics) & Lt. Madhusudan Nanivadekar Smritidin – Madhuranjali (Dept. of Marathi)	11 th July, 2023
	➤ Workshop on Self Defense & Cyber Security (WDC)	
	➤ Workshop on Start-up and Business Plan (Entrepreneurship Awareness Programme)	2 nd week

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	➤ DLLE Orientation Program	2 nd week
	➤ Bridge Course for F.Y.B.A. / B.Sc. / B.Com.	2 nd week
	➤ Inauguration of Maharashtra Vivekvahini	2 nd week
	➤ Anti-Plastic Awareness Campaign (Nature Club)	15 th July, 2023
	➤ Celebration of National Big Grain Year (Dept. of Botany)	19 th July, 2023
	➤ Celebration of Birthday of Hon. Vinodji Tawadeso (Ex-Education Minister, Govt. of Maharashtra & President-Maharana Pratapsinh Shikshan Sanstha, Mumbai)	20 th July, 2023
	➤ Induction Program for First Year Students (IQAC)	3 rd week
	➤ Birth Anniversary Lokmanya Tilak (Cultural Department)	23 rd July, 2023
	➤ Demonstration of Skill Experiments (Dept. of Physics)	4 th week
	➤ Inauguration of Chemistry Club (Poster Competition)	4 th week
	➤ Celebration of World Mangroves Day (Dept. of Botany)	26 th July, 2023
	➤ Staff Academy - 1	26 th July, 2023
	➤ Death Anniversary of Hon. Bharatratna Dr. A.P.J. Abdul Kalam (Cultural Department)	27 th July, 2023
	➤ Spelling Writing Competition (Dept. of English)	4 th week
	➤ Orientation Program (WDC)	4 th week
August	➤ Workshop on Entrepreneurial Opportunities in Digital Marketing (Dept. of Commerce)	1 st week
	➤ Death Anniversary of Lokmanya Tilak and Birth Anniversary of Lokshahir Annabhau Sathe (Cultural Department)	1 st August, 2023
	➤ Staff Meeting	1 st week
	➤ Swaccha Bharat Abhiyan (NSS)	07/08/2023 to 15/08/2023
	➤ Major Kaustubh Rane Shahid Din (Cultural Department)	8 th August, 2023
	➤ Wallpaper Exhibition (Dept. of Economics)	2 nd week
	➤ Birth Anniversary of Hon. Dr. S. R. Ranganathan (Library)	12 th August, 2023
	➤ Independence Day (Wallpaper Exhibition - Spandan)	15 th August, 2023
	➤ Workshop on "Research Aptitude" (Dept. of Physics & Incubation Cell)	2 nd week
	➤ Women Hygiene Management (WDC)	2 nd week
	➤ Workshop on "Use of Software's in Chemical Science" (Dept. of Chemistry)	2 nd week
	➤ Guest lecture (Dept. of Mathematics)	2 nd week
	➤ Study tour (Botany)	21 st August, 2023



	➤ Teaching and Non-Teaching Staff Training Programme	3 rd week
	➤ Certificate course (All departments)	3 rd week
	➤ One Day Workshop on "Research Project Writing" (Incubation Cell)	3 rd week
	➤ To participate in "Mumbai University Youth Festival" and "Sports Activity"	As per University schedule
	➤ Submission of "Minor Research Proposal"	As per university schedule
	➤ DLLE UoM 1 st Term Training Programme	3 rd week
	➤ Establishment of Reading Club (Dept. of English)	4 th week
	➤ Passage Reading Competition (Dept. of English)	4 th week
	➤ Workshop on "Career in Commerce (Insurance, Banking & Marketing Research)"	4 th week
	➤ Staff Academy - 2	30 th August, 2023
	➤ Voter's Awareness Campaign (NSS)	1 st September, 2023
September	➤ Teachers day (Cultural Department)	5 th September, 2023
	➤ Workshop on "Development of Research Interest in Students" (Research Committee & Aavishkar Committee)	1 st week
	➤ Participation in University Level Sports Competition	As per University Schedule
	➤ Green Audit and Environmental Audit (IQAC)	1 st week
	➤ CDC meeting	1 st week
	➤ Guest lecture (WDC)	2 nd week
	➤ Wild Vegetable Exhibition (Dept. of Botany)	12 th September, 2023
	➤ National Hindi Day	14 th September, 2023
	➤ Celebration of International Ozone Day (DLLE & Dept. of Physics)	16 th September, 2023
	➤ Birth Anniversary of Prabhodhankar Thakare (Cultural Department)	17 th September, 2023
	➤ Hands on Trai. Horticulture & Gardening (Dept. of Botany)	20 th September, 2023
	➤ Two Day Workshop on "Preparation of Competitive Examination in Chemical Science" (Dept. of Chemistry)	3 rd week
	➤ Elocution Competition (Dept. of English)	3 rd week
	➤ Guest lecture of Vivekvahini	21 st September, 2023
	➤ NSS Day Celebration (Disaster Management Training Programme and Painting & Elocution Competition)	25 th September, 2023 to 30 th September, 2023
	➤ Staff Academy - 3	27 th September, 2023
	➤ IQAC meeting	1 st week



October	➤ Notification to Students Regarding Semester End Examination	1 st week
	➤ World Wildlife Week Celebration (Dept. of Zoology)	1 st week
	➤ Workshop on "Awareness in the Students about Avishkar" (Aavishkar Committee)	1 st week
	➤ Birth anniversary of Mahatma Gandhiji and Lal Bahadur Shastriji (Wallpaper Exhibition - Spandan)	2 nd October, 2023
	➤ National Seminar on "Effective Implementation of National Education Policy-2020" (IQAC)	1 st week
	➤ Workshop on "Awareness of Share Market" (Dept. of Commerce)	2 nd week
	➤ Workshop on "Save Electricity" (NSS)	2 nd week
	➤ Teachers Diary Verification by IQAC and Principal	2 nd week
	➤ Submission of Departmental and Administrative Committees Reports of First Term	2 nd week
	➤ World Mental Health Day (Dept. of Psychology)	10 th October, 2023
	➤ Birth Anniversary of Dr. A.P.J. Abdul Kalam & Vachan Prerana Din (Wallpaper Exhibition - Spandan)	15 th October, 2023
	➤ Sarasvati Poojan (Cultural Department)	16 th October, 2023
	➤ Staff Academy - IV	18 th October, 2023
	➤ Semester End Examination	3 rd week
	➤ Poetry Recitation Competition (Dept. of English)	3 rd week
	➤ CDC Meeting	3 rd week
	➤ Birth Anniversary of Sardar Vallabhbhai Patel - Ekata Din (Cultural Department)	31 st October, 2023
November	➤ Teaching and Non-Teaching meetings	1 st week
	➤ Semester End Examination	3 rd week
	➤ ATKT Examination	3 rd week
	➤ Collection of Research Projects for Aavishkar (Aavishkar Committee)	1 st week
	➤ Birth Anniversary of Pandit Jawaharlal Neharu (Cultural Department)	14 th November, 2023
Ganesh Festival 19 th September, 2023 to 23 rd September, 2023		
Diwali Vacation 13 th November, 2023 to 27 th November, 2023		

First Term Total Working Days = 118

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SECOND TERM
(28th November, 2023 to 1st May, 2024)

Month	Event/ Activities	Proposed Period
November	➤ Birth Anniversary of Indira Gandhi and Celebration of Rashtriya Ekatmata Din (Cultural Department)	19 th November, 2023
	➤ Library Meeting	4 th week
	➤ CDC meeting	4 th week
	➤ Celebration of "Indian Constitution Day" & DLLE Day (Wallpaper Exhibition – Spandan)	26 th November, 2023
	➤ Staff Academy - V	29 th November, 2023
December	➤ International AIDS Day (NSS & Wallpaper Exhibition – Spandan)	1 st December, 2023
	➤ Viyektivahini Essay Writing Competition	1 st week
	➤ DLLE UoM 1 st Term Training Programme	1 st week
	➤ Celebration of "Anandibai Raorane Smruti Din" (Cultural Department)	8 th December, 2023
	➤ Essay Writing Competition (Dept. of English)	1 st week
	➤ To organize 17 th Avishkar Research Convention (Zonal Level – Sindhudurg District)	2 nd week
	➤ IQAC Meeting	2 nd week
	➤ Workshop on "Stress Management" (Dept. of Psychology)	2 nd week
	➤ Webinar on "How to Write Synopsis" (Library)	2 nd week
	➤ NSS Special Camp	16 th December, 2023 to 22 nd December, 2023
	➤ National Consumer Day (Dept. of Commerce)	24 th December, 2023
	➤ To Participate in UDAN Festival (DLLE)	3 rd week
	➤ Workshop on "Laboratory Safety & Management" (Dept. of Chemistry)	3 rd week
	➤ Debate Competition (Dept. of Hindi)	3 rd week
	➤ Staff Academy – VI	20 th December, 2023
	➤ National Mathematics Day (Dept. of Mathematics)	22 nd December, 2023
	➤ Workshop on "Career in Commerce - Insurance, Banking & Marketing Research" (Dept. of Commerce)	3 rd week

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	➤ Workshop on "Business Opportunities in Commerce" (Entrepreneur Cell)	3 rd week
	➤ Submission of AQAR for Academic Year 2022-23	3 rd week
January	➤ Marathi Rajbhasha Pandharwada (Dept. of Marathi)	1 st to 15 th January, 2024
	➤ Birth Anniversary of Savitribai Phule (Cultural Department) & Wallpaper Exhibition – Spandan	3 rd January, 2024
	➤ Special Health Care Programme (NSS & NCC)	1 st week
	➤ Annual Hemant Yuva Sport Competiton (Gymkhana Department)	1 st week
	➤ Hemant Yuva Mahotsav (Cultural Department)	2 nd week
	➤ Book exhibition (Library)	2 nd week
	➤ Departmental Prize Distribution (Dept. of Physics)	2 nd week
	➤ Birth anniversary of Rajamata Jijaau and Swami Vivekanand (Cultural Department) & Wallpaper Exhibition – Spandan	12 th January, 2024
	➤ Study tour (Dept. of Zoology)	2 nd week
	➤ Study tour (Dept. of Economics)	3 rd week
	➤ Spontaneous Poetry/Charoli/Story Writing Competition (Incubation Cell)	3 rd week
	➤ Webinar on "Research Methodology" (Library)	3 rd week
	➤ Parent-Teacher Association Meeting	4 th week
	➤ Birth anniversary of Netaji Shubhash Chandra Bose and Hindusamrat Balasaheb Thakare (Cultural Department)	23 rd January, 2024
	➤ Staff Academy – VII	24 th January, 2024
	➤ Republic Day (Wallpaper Exhibition – Spandan)	26 th January, 2024
	➤ Annual Prize Distribution (Gymkhana Department & Cultural Department)	28 th January, 2024
	➤ Study tour (Botany)	28 th January, 2024
February	➤ World Wetland Day - Essay Competition (Dept. of Zoology)	2 nd February, 2024
	➤ Blood Donation Camp (NSS, NCC & DLLE)	6 th February, 2024
	➤ One Day International Webinar on Recent Trends in Life Sciences (Dept. of Zoology)	9 th February, 2024
	➤ Exam for B & C Certificate Cadets (NCC)	5 th to 10 th February, 2024
	➤ IPR seminar (Avishkar & Research Committee)	2 nd week
	➤ Workshop for Primary Teacher (Dept. of English)	2 nd week



	➤ Guest lecture (WDC)	2 nd week
	➤ Birth Anniversary of Chh. Shivaji Maharaj (Cultural Department & Wallpaper Exhibition – Spandan)	19 th February, 2024
	➤ Marathi Matrubhasha Din (Dept. of Marathi)	21 st February, 2024
	➤ Birth Anniversary of Rashtrasant Gadagebaba and Sant Rohidas (Cultural Department)	23 rd February, 2024
	➤ Celebration of English Day (Dept. of English)	4 th week
	➤ One Day Seminar on “Budget of Maharashtra” (Dept. of Economics)	4 th week
	➤ Marathi Rajbhasha Din (Dept. of Marathi)	27 th February, 2024
	➤ International Conference on “Recent Trends in Chemical Sciences” (Dept. of Chemistry)	3 rd week
	➤ Staff Academy - VIII	27 th February, 2024
	➤ National Science Day (Science Association)	28 th February, 2024
March	➤ International Women’s Day (WDC) & Wallpaper Exhibition – Spandan	8 th March, 2024
	➤ Notification to Students Regarding Semester End Examination	2 nd week
	➤ Birth Anniversary of Yashwantrao Chavan (Cultural Department)	12 th March 2024
	➤ ATKT Examination	3 rd week
	➤ World Forest Day (Dept. of Botany)	21 st March, 2024
	➤ Shahid Din (Cultural Department)	23 rd March, 2024
	➤ One Week FDP on “Research Methodology” (Dept. of Chemistry and Incubation Cell)	3 rd week
	➤ Workshop on “Career Opportunities in Physics” (Dept. of Physics)	3 rd week
	➤ Poster Exhibition (Dept. of Hindi)	3 rd week
	➤ Guest Lecture (Dept. of Economics)	3 rd week
	➤ Staff Academy - IX	28 th March, 2024
April	➤ Semester End Examination	1 st week
	➤ Birth Anniversary of Mahatma Jyotiba Phule (Cultural Department)	11 th April, 2024
	➤ Birth Anniversary of Dr. Babasaheb Ambedkar (Cultural Department) & Wallpaper Exhibition – Spandan	14 th April, 2024
	➤ Teaching, Non-Teaching, BOAH meetings	2 nd week

	➤ Industrial Training Program (Internship Program) (Dept. of Chemistry)	2 nd week
	➤ IQAC meeting	3 rd week
	➤ CDC meeting	3 rd week
	➤ Academic and Administrative Audit (IQAC)	3 rd week
	➤ Teachers Diary Verification by IQAC and Principal	3 rd week
	➤ Staff Academy - X	30 th April, 2024
	➤ Submission of Departmental and Administrative Committees Reports	4 th week
May	➤ Maharashtra Din (Cultural Department)	1 st May, 2024
	➤ Declaration of Result (Semester end examination)	1 st May, 2024
	➤ Birth Anniversary of Maharana Pratapsinh (Cultural Department)	25 th May, 2024
	➤ Birth Anniversary of Swatantryaveer Sawarkar (Cultural Department)	28 th May, 2024
	➤ Birth Anniversary of Rajmata Ahilyadevi Holkar (Cultural Department)	31 st May, 2024
Christmas vacation = 25 th December, 2023 to 31 st December, 2023		
Summer Vacation = 2 nd May, 2024 to 12 th June, 2024		

Second Term Total Working Days = 116

Reference – Academic Calendar of University of Mumbai No. AAMS_UGS/ICC/2023-24/24

Dated 27th June, 2023

C. S. Karkade
PRINCIPAL
Anandbal Ramrati Arts, Commerce
& Science College, Valbhavwadi

Maharana Pratapsinh Shikshan Sanstha Mumbai's

Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi

Department of Lifelong Learning and Extension

Academic Calendar 2023-24



To,
The Principal, ARACSC, Vaibhavwadi.

Subject: Regarding submission of departmental annual activity calendar.

Respected sir,

Department of Lifelong Learning and Extension wish to conduct following proposed activities/programs in the academic year 2023-24.

First Term		
Sr. no.	Name of the Activity	Proposed month/date
1	Registration Process	June-Aug. 2023
2	Orientation Program – Departmental introduction	July/Aug. 2023
3	University Communication	
4	DLLE UoM 1 st Term training program	July/August 2023
5	Ozone Day – Ozone and its importance	16 th Sept. 2023
6	Training program by Field coordinator DLLE	October 2023
Second Term		
1	DLLE day and Constitution day celebration	26 th November 2023
2	DLLE UoM 2 nd Term training program	November/December 2023
3	National Consumers Day Celebration	24 th Dec. 2023
4	UDAAN Festival preparation & presentation	December-January 2024
5	Project completion guidance program	February 2024
6	Blood donation activity	February 2024
7	Project submission, Assessment, verification and university communication for grace marks	March/ April 2024

Kindly take a note.

C. S. Kulkarni
PRINCIPAL

Anandibai Raorane Arts, Commerce
& Science College, Vaibhavwadi

P. M. Dhere
DLLE coordinator

(M. P. M. Dhere)
Extension Work Teacher
DLLE - A.R.A.C. College, Vaibhavwadi.

Maharana Pratapsinh Shikshan Sanstha Mumbai's
Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi

**DEPARTMENT OF
PHYSICS**

Academic Calendar 2023-24



To,
The Principal, ARACSC, Vaibhavwadi.

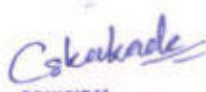
Subject: Regarding submission of departmental annual activity calendar.

Respected sir,

Department of Physics wish to conduct following proposed activities/programs in the academic year 2023-24.

First Term		
Sr. no.	Name of the Activity	Proposed month/date
1	Departmental Meeting & Workload distribution	June 2023
2	Skill experiment demonstration for TYBSC students	July 2023
3	Quiz Competition on the occasion of Birth anniversary of MPSS President Hon'ble Shri Vinod ji Tawde Saheb	20 th July 2023
4	Bridge course SEM I - for FYBSC students	August 2023
5	Ozone Day celebration	16 th September 2023
6	Departmental Meeting & Syllabus completion review	October 2023
Second Term		
1	Departmental meeting & Workload distribution	November/December 2023
2	Certificate course Commencement	January 2024
3	Bridge course SEM II - for FYBSC students	
4	Departmental prize distribution	
5	Wonders of Physics	28 th February 2024
6	Departmental meeting & Syllabus completion review	March 2024
7	Career Counselling	March/ April 2024

Kindly take a note.


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Head, Dept. of Physics
Dr. M. A. Chougule
ARACS College, Vaibhavwadi.

MPSS'S
ANANDIBAI RAORANE ARTS, COMMERCE & SCIENCE COLLEGE, VAIBHAVWADI, SINDHUDURG
TIME TABLE (B. COM.) A.Y. 2023-2024

TIME	CLASS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
(01) 8.10 a.m. TO 8.58 a.m.	FY BCOM	EVS (RAB) (F7)	COMM- (MIK) (F7)	B.ECO. (SRK) (F7)	BC (DSB) (F7)	MATH & ST. (PMM) (F7)	ACC.- (RBP) (F7)
	SY BCOM		Acc.- (RBP) (F1)	B. L. (RAB) (F1)	Magt.Acc. (RBP) I.B.R. (M.I.K.)	COMM- (MIK) (F1)	B.L. (RAB) (F1)
	TY BCOM	M.R. (MIK) (F5)/	B. ECO. (SRK) (F5)	MHRM (MIK) (F6)	MHRM (RAB) (F6)	A/C- (RBP) (F6) / COMM (RAB) (F5)	B. ECO. (BDI) (F6)
(02) 8.59 a.m. TO 9:46 a.m.	FY BCOM	MATH & ST. (PMM) (F7)	FC-I (RMG) (F7)	BC (DSB) (F7)	B.ECO. (SRK) (F7)	FC-I (RMG) (F7)	COMM- (MIK) (F7)
	SY BCOM	MASS (SCR) (F4) JOUR- (DSB) (F1)	FC-II (RAB) (F1)	FC-II- (RAB) (F1)	COMM (MIK) (F1)	FC-II- (RAB) (F1)	B. ECO. (SRK) (F1)
	TY BCOM	A/C- (RBP) (F6)/ COMM (MIK) (F5)	A/C- (RBP) (F6)/ COMM (MIK) (F5)	A/C- (RBP) (F6)/ COMM (MIK) (F5)	A/C- (RBP) (F6)/ COMM (RAB) (F5)	O.R. (KPP) (F4) M.R. (MIK) (F5)/ R.M. (BDI) (F5)	A/C- (RBP) (F6) / COMM (RAB) (F5)
(03) 9:47 a.m. TO 10:34 a.m.	FY BCOM	Acc.- (RBP) (F7)	Acc.- (RBP) (F7)	FC-I (RMG) (F7)	MATH & ST. (PMM) (F7)	BC (DSB) (F7)	MATH & ST. (PMM) (F7)
	SY BCOM	B.ECO. (SRK) (F1)	COMM- (MIK) (F1)	B.ECO. (SRK) (F1)	ACC. (RBP) (F1)	B.L. (RAB) (F1)	MASS (SCR) (F4) JOUR- (DSB) (F1)
	TY BCOM	MHRM (RAB) (F6)	B.L. (RAB) / (F6) C.S. (CSK) (F4) R.M. (BDI) (F5)	A/C- (RBP) (F6)/ COMM (RAB) (F5)	B.L. (RAB) / (F6) M.R. (MIK) (F5)/ L.W. (SRK) (F6)	MHRM (MIK) (F6)	A/C- (RBP) (F6)/ COMM (MIK) (F5)
SHORT RECESS (10.35 a.m. To 10:44 a.m.)							
(04) 10:45 a.m. TO 11:32 a.m.	FY BCOM	COM-I/II (MIK) (F7)	MATH & ST. (PMM) (F7)	EVS (RAB) (F7)	ACC. (RBP) (F7)	B.ECO. (SRK) (F7)	EVS (RAB) (F7)
	SY BCOM	Acc. (RBP) (F1)	MASS (SCR) (F4) JOUR- (DSB) (F1)	Acc.- (RBP) (F1)	B. L. (RAB) (F1)	Magt.Acc. (RBP) I.B.R. (M.I.K.) (F4)	Magt.Acc. (RBP) (F1) I.B.R. (M.I.K.) (F4)
	TY BCOM	O.R. (KPP) (F4) L.W. (SRK) (F6)/	C.S. Practical (CSK) (F4)	O.R. (KPP) (F4)/ C.S. (CSK) (F4) L.W. (SRK) (F6)		B.L. (RAB) / (F6) C.S. (CSK) / (F4) R.M. (BDI) (F5)	B. ECO. (SRK) (F5)
(05) 11.33 a.m. TO 12.20 p.m.	FY BCOM	BC (T) (DSB) / (F4) MATHS (T) (PMM)	EVS (RAB) (F7)	BC (T) (DSB) / (F4) MATHS (T) (PMM)	BC (T) (DSB) MATHS (T) (PMM)	BC (T) (DSB) MATHS (T) (PMM)	BC (T) (DSB) / (F4) MATHS (T) (PMM)



Principal
Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi

MPSS'S ANANDIBAI RAORANE ARTS, COMMERCE & SCIENCE COLLEGE, VAIBHAVWADI, SINDHUDURG

TIME TABLE (B. A.) YEAR 2023-2024

TIME	CLASS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
(01) 8.15 a.m. To 9.03 a.m.	FYBA	MAR-I (NVG) (G6) HIN-C (AMK)	ENG-I (VCK) (G6) ECO-I (BDI) (G5)	MAR-I (NVG) (G6) HIN-C (AMK) (G5)	FC-I (RMG) (G5)	CS-I/II (T) (SCR)	MAR-C (SSP) (G6) HIN-I- (NAK) (G5)
	SYBA	PSY-II (RMG) (G7) HIST-II (SNP) (G9)	MAR-III (NVG) (G7) HIN-II (AMK) (G9)	A. PSY (RMG) (G7) ECO-II (BDI) (G9)	ENG-II (VCK) (G7) DEMO (BDI) (G9)	MAR-II (SSP) (G7) ECO-III (SRK) (G9)	PSY-II (RMG) (G7) DEMO (SRK) (G9)
	TYBA	MAR-VII (SSP) (B3) ENG-VII (DSB) (G8) HIN-V (NAK) (BDI) (B1)	MAR-IV (SSP) (B3) ENG-VII (DSB) (G8) HIN-V (NAK) (BDI) (B1) HIST-IV (SNP) (B2)	MAR-VII (SSP) (B3) ENG-VII (VCK) (G8) HIN-IX - (NAK) HIST-IV (SNP) (B2)	MAR-VII (SSP) (B3) HIN-VIII (AMK) (B1) ECO-V (SRK) (B2)	MAR-IX (NVG) (B3) (DSB) HIN-IV (NAK) (B1) ECO-VI (BDI) (B2)	ENG-IX (DSB) (G8) HIN-VII (AMK) (B1) HIS-VI- (SNP) (B2)
(02) 9.03 a.m. To 9.51 a.m.	FYBA	FC-I (RMG) (G5)	MAR-C (SSP) (G6) HIN-I- (NAK) (G5)	CS-I/II (T) (SCR) (G5)	MAR-C (SSP) (G6) HIN-I- (NAK) (G5)	ENG-I (VCK) (G6) HIST-I (SNP) (G5)	ENG-I (VCK) (G6) HIN-I- (NAK) (G5)
	SYBA	FC-II (SNP) (G7)	ENG-II (VCK) (G7) ECO-III (SRK) (G9)	PSY-II (RMG) (G7) HIST-III (SNP) (G9)	ENG-III (DSB) (G7) HIST-II (SNP) (G9)	MAR-III (NVG) (G7) HIN-III- (NAK) (G9)	AD. PSY. (RMG) (G7) ECO-II (BDI) (G9)
	TYBA	MAR-VIII (NVG) (B3) ENG-V- (VCK) (G8) HIN-VII- (AMK) (B1) ECO-IV - (BDI) (B2)	MAR-IX - (NVG) (B3) ENG-IV- (SCR) (G8) HIN-VII - (AMK) (B1) HIST-V- (SNP) (B2)	MAR-V (NVG) (B3) ENG-IV (SCR) (G8) HIN-VIII - (AMK) (B1) ECO-IV - (BDI) (B2)	MAR-VIII (NVG) (B3) ENG-VI- (VCK) (G8) HIN-VII - (AMK) (B1) ECO-IV- (BDI) (B2)	MAR-VI (SSP) (B3) ENG-VIII (SCR) (G8) HIN-VI - (AMK) (B1) ECO-V (SRK) (B2)	MAR-V (NVG) (B3) ENG-VIII (SCR) (G8) HIN-VIII (AMK) (B1) HIST-IV (SNP) (B2)
SHORT RECESS (9:51 a.m. To 10:01 a.m.)							
(03) 10.01 a.m. To 10:49 a.m.	FYBA	CS-I/II (VCK) (G5)		ENG-I (VCK) (G6) ECO-I (BDI) (G5)	PSY-I (RMG) (G6) HIST-I (SNP) (G5)	PSY-I (RMG) (G6) ECO-I (BDI) (G5)	MAR-I (NVG) (G6) ECO-I (BDI) (G5)
	SYBA	AD. PSY. (RMG) (G7) HIST-III (SNP) (G9)	FC-II (SNP) (G7)	ENG-III (DSB) (G7) HIN-II (AMK) (G9)	MAR-III (NVG) (G7) HIN-II (AMK) (G9)	MAR-II (SSP) (G7) DEMO-III (SRK) (G9)	FC-II (SNP) (G7)
	TYBA	MAR-VI - (SSP) (B3) ENG-VIII (SCR) (G8) HIN-V - (NAK) (BDI) (B1) ECO-VI (BDI) (B2)	MAR-VI (SSP) (B3) ENG-V (VCK) (G8) HIN-IV - (NAK) (B1) ECO-V (SRK) (B2)	MAR-IV - (SSP) (B3) ENG-IV- (SCR) (G8) HIN-IX - (NAK) (B1) HIST-V (SNP) (B2)	MAR-VII - (SSP) (B3) ENG-IX (DSB) HIN-IX - (NAK) ECO-IV (BDI) (B2)	MAR-VIII (NVG) (B3) ENG-V- (VCK) (G8) HIN-V - (NAK) (B1) HIST-VI (SNP) (B2)	MAR-IV - (SSP) (B3) ENG-V- (VCK) (G8) HIN-V - (NAK) (B1) ECO-V (SRK) (B2)
(04) 10:49 a.m. To 11:37 a.m.	FYBA	PSY-I (RMG) (G6) HIST-I (SNP) (G5)	MAR-I (NVG) (G6) HIN-C (AMK) (G5)	PSY-I (RMG) (G6) HIST-I (SNP) (G5)	CS-I/II (VCK) (G5)	FC-I (RMG) (G5)	MAR-C (SSP) (G6) HIN-C (AMK) (G5)
	SYBA	ENG-III (DSB) (G7) ECO-II (BDI) (G9)	PSY-III (RMG) (G7) DEMO (SRK) (G9)	MAR-II (SSP) (G7) HIN-III (NAK) (G9)	PSY-III (RMG) (G7) HIN-III- (NAK) (G9)	ENG-II (VCK) (G7) HIST-II (SNP) (G9)	PSY-III (RMG) (G7) DEMO (BDI) (G9)
	TYBA	MAR-V - (SSP) (B3) ENG-IV (SCR) (G8) HIN-VI - (AMK) (B1)	MAR-IV - (SSP) (B3) HIN-IV - (NAK) (B1) HIST-VI (SNP) (B2) ECO-VI (BDI) (B2)	MAR-VIII (NVG) (B3) ENG-VII (DSB) (G8) HIN-VI - (AMK) (B1)	MAR-IX (NVG) (B3) ENG-VIII (SCR) (G8) HIST-IV - (SNP) (B2)	MAR-V (SSP) (B3) ENG-VII- (DSB) (G8) HIN-VIII (AMK) (B1)	ENG-VI- (VCK) (G8) HIST-V- (SNP) (B2)
(05) 11.37 To 12.26	FYBA	--	--	--	--	CS-I/II (T) (VCK) (G5)	--
	SYBA	--	--	DEMO (SRK) (G9)	--	A. PSY. (RMG) (G7)	HIST-III (SNP) (G9)
	TYBA	--	--	HIST-V (SNP) (B2)	--	--	--




Principal
 Anandibai Raorane Arts, Commerce
 College, Vaibhavwadi

ANANDIBAI RAORANE ARTS, COMMERCE & SCIENCE COLLEGE, VAIBHAVWADI

TIME TABLE - B. Sc. - 2023-2024

w.e.f. 28 August 2023



TIME	CLASS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
(01) 8:15 TO 9:03	FYBSc (P)	ZOO(P)-ARD STAT(P)-KPP CHEM(P)-VBG	ZOO(P)-DSK STAT(P)-SSB	CHEM(P)-VBG MATHS(P)-VVS	CHEM(P)-SMK MATHS(P)-PMM	BOT(P)-VAP PHY(P)-MAC	BOT(P)-SBP PHY(P)-PMD CHEM(P)-DMS
	SYBSc (P)	CHEM(P)-SMK	BOT(P)-SBP ZOO(P)-NRH PHY(P)-DBS	BOT(P)-RPK ZOO(P)-DSK PHY(P)-PMD	BOT(P)-VAP ZOO(P)-ARD PHY(P)-DBS	CHEM(P)-DMS PHY-SBK STATS-KPP	CHEM(P)-KSP MATHS(P)-VVS
	TYBSc (L)	CHEM-DMS BOT-VAP ZOO-DSK PHY-DBS MATHS- STATS-SSB	CHEM-KSP BOT-VAP ZOO-ARD PHY-SBK MATHS-VVS STATS-VVS	CHEM-KSP BOT-SBP ZOO-ARD PHY-DBS MATHS-PMM STATS-KPP	CHEM-DMS BOT-RPK ZOO-NRH PHY-PMD MATHS-VVS STATS-SSB	CHEM-SMK BOT-SBP ZOO-NRH PHY-PMD MATHS- STATS-SSB	CHEM-SMK BOT-RPK ZOO-NRH PHY-SBK MATHS- STATS-KPP
(02) 9:03 TO 9:51	FYBSc (P)	ZOO(P)-ARD STAT(P)-KPP CHEM(P)-VBG	ZOO(P)-DSK STAT(P)-SSB	CHEM(P)-VBG MATHS-VVS	CHEM(P)-SMK MATHS-PMM	BOT(P)-VAP PHY(P)-MAC	BOT(P)-SBP PHY(P)-PMD CHEM(P)-DMS
	SYBSc (P)	CHEM(P)-SMK	BOT(P)-SBP ZOO(P)-NRH PHY(P)-DBS	BOT(P)-RPK ZOO(P)-DSK PHY(P)-PMD	BOT(P)-VAP ZOO(P)-ARD PHY(P)-DBS	CHEM(P)-DMS PHY-DBS STATS-KPP	CHEM(P)-KSP MATHS(P)-VVS
	TYBSc (L)	CHEM-KSP BOT-SBP ZOO-DSK PHY-MAC MATHS- STATS-SSB	CHEM-DMS BOT-RPK ZOO-ARD PHY-PMD MATHS-VVS STATS-VVS	CHEM-SMK BOT-VAP ZOO-NRH PHY-SBK MATHS-PMM STATS-KPP	CHEM-VBG BOT-SBP ZOO-DSK PHY-MAC MATHS-VVS STATS-SSB	CHEM-KSP BOT-RPK ZOO-NRH PHY-PMD MATHS-VVS STATS-SSB	CHEM-VBG BOT-VAP ZOO-ARD PHY-DBS MATHS- STATS-KPP
(03) 9:51 TO 10:39	FYBSc (P)	ZOO(P)-ARD STAT(P)-KPP CHEM(P)-VBG	ZOO(P)-DSK STAT(P)-SSB	CHEM(P)-VBG MATHS-VVS	CHEM(P)-SMK MATHS-PMM	BOT(P)-VAP PHY(P)-MAC	BOT(P)-SBP PHY(P)-PMD CHEM(P)-DMS
	SYBSc (P)	CHEM(P)-SMK	BOT(P)-SBP ZOO(P)-NRH PHY(P)-DBS	BOT(P)-RPK ZOO(P)-DSK PHY(P)-PMD	BOT(P)-VAP ZOO(P)-ARD PHY(P)-DBS	CHEM(P)-DMS MATHS(P)-PMM	CHEM(P)-KSP STATS- PHY-MAC
	TYBSc (L)	CHEM-KSP BOT-SBP ZOO-DSK PHY-MAC MATHS-PMM STATS-SSB	CHEM-DMS BOT-RPK ZOO-ARD PHY-PMD MATHS-VVS STATS-VVS	CHEM-SMK BOT-VAP ZOO-NRH PHY-SBK MATHS-PMM STATS-KPP	CHEM-VBG BOT-SBP ZOO-DSK PHY-MAC MATHS-VVS STATS-SSB	CHEM-KSP BOT-RPK ZOO-NRH PHY-PMD MATHS-VVS STATS-SSB	CHEM-VBG BOT-VAP ZOO-ARD PHY-DBS MATHS-VVS STATS-KPP
SHORT RECESS 10:39 am TO 10:54 am							
(04) 10:54 TO 11:42	FYBSc (L)	CHEM-DMS PHY-PMD	BOT-VAP PHY-MAC	FC-SCR (F23)	ZOO-ARD PHY-MAC	CHEM-SMK STATS-SSB	BOT-SBP STATS-KPP
	SYBSc (L)	BOT-VAP ZOO-NRH PHY-MAC STATS-SSB	CHEM-SMK MATHS-PMM	BOT-SBP ZOO-ARD PHY-SBK STAT-SSB	CHEM-DMS MATHS-PMM	CHEM-KSP MATHS-VVS	BOT-RPK ZOO-DSK PHY-DBS STAT-
	TYBSc (P)	CHEM-VBG BOT-RPK ZOO-DSK PHY-SBK MATHS-PMM STATS-	CHEM(P)-DMS BOT(P)-SBP ZOO(P)-DSK PHY(P)-DBS MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-SMK BOT(P)-RPK ZOO(P)-NRH PHY(P)-DBS MATHS(P)-PMM STATS(P)-SSB	CHEM(P)-KSP BOT(P)-RPK ZOO(P)-NRH PHY(P)-PMD MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-VBG BOT(P)-SBP ZOO(P)-ARD PHY(P)-MAC MATHS(P)-PMM STATS(P)-VVS	CHEM(P)-KSP BOT(P)-VAP ZOO(P)-ARD PHY(P)-MAC MATHS-PMM STATS(P)-SSB
(05) 11:42 TO 12:30	FYBSc (L)	CHEM-VBG PHY-PMD	BOT-VAP PHY-MAC	ZOO-DSK PHY-PMD	ZOO-ARD STATS-SSB	CHEM-SMK STATS-SSB	BOT-SBP STATS-KPP
	SYBSc (L)	BOT-VAP ZOO-NRH PHY-MAC STATS-KPP	CHEM-SMK MATHS-PMM	FC-SCR (F19)	CHEM-DMS PHY-SBK STATS-KPP	CHEM-KSP MATHS-VVS	BOT-RPK ZOO-DSK MATHS-VVS
	TYBSc (P)	CHEM-DMS BOT-RPK ZOO-ARD PHY-SBK MATHS-VVS STATS-VVS	CHEM(P)-DMS BOT(P)-SBP ZOO(P)-DSK PHY(P)-DBS MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-SMK BOT(P)-RPK ZOO(P)-NRH PHY(P)-DBS MATHS(P)-PMM STATS(P)-SSB	CHEM(P)-KSP BOT(P)-RPK ZOO(P)-NRH PHY(P)-PMD MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-VBG BOT(P)-SBP ZOO(P)-ARD PHY(P)-MAC MATHS(P)-PMM STATS(P)-VVS	CHEM(P)-KSP BOT(P)-VAP ZOO(P)-ARD PHY(P)-MAC MATHS(P)- STATS(P)-SSB
(06) 12:30 TO 01:18	FYBSc (L)	FC-SCR (F23)	MATHS-PMM CHEM-SMK	STATS-VVS ZOO-DSK	FC-SCR (F23)	MATHS-VVS ZOO-DSK	CHEM-VBG
	SYBSc (L)	MATHS- CHEM-KSP	BOT- ZOO-ARD	STATS- PHY-DBS CHEM-DMS	BOT- ZOO-DSK	ZOO-NRH	CHEM-SMK MATHS-
	TYBSc (P)	CHEM- BOT- ZOO-NRH PHY- MATHS(P)-VVS STATS(P)-VVS	CHEM(P)-DMS BOT(P)- ZOO(P)-DSK PHY(P)-DBS MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-SMK BOT(P)- ZOO(P)-NRH PHY(P)-PMD MATHS(P)-PMM STATS(P)-SSB	CHEM(P)-KSP BOT(P)- ZOO(P)-NRH PHY(P)-PMD MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-VBG BOT(P)-VAP ZOO(P)-ARD PHY(P)-MAC MATHS(P)-PMM STATS(P)-VVS	CHEM(P)-KSP BOT(P)-VAP ZOO(P)-DSK PHY(P)-MAC MATHS(P)-VVS STATS(P)-VVS
(07) 01:18 TO 02:06	FYBSc (L)		CHEM-VBG				
	SYBSc (L)	FC-SCR (F23)	MATHS-VVS	MATHS-VVS	FC-SCR(F19)		
	TYBSc (P)	CHEM- BOT- ZOO-NRH PHY- MATHS(P)-VVS STATS(P)-VVS	CHEM(P)-DMS BOT(P)- ZOO(P)-DSK PHY(P)-DBS MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-SMK BOT(P)- ZOO(P)-NRH PHY(P)-PMD MATHS(P)-PMM STATS(P)-SSB	CHEM(P)-KSP BOT(P)- ZOO(P)-NRH PHY(P)-PMD MATHS(P)-VVS STATS(P)-KPP	CHEM(P)-VBG BOT(P)-VAP ZOO(P)-ARD PHY(P)-MAC MATHS- STATS-	CHEM(P)-KSP BOT(P)-VAP ZOO(P)-DSK PHY(P)-MAC MATHS(P)-VVS STATS(P)-VVS

SYBSc - CB & CZ - 'A' Batch

BZ - 'B' Batch

FYBSc - CBZ - Batch 'A' & 'B'

Dr. D. M. Sirsat-DMS, Mr. K. S. Pakhare-KSP, Dr. V. B. Gopula-VBG, Mr. S. M. Karpe-SMK, Mr. R. P. Kashetti-RPK, Dr. V. A. Paithane-VAP, Mr. S. B. Patil-SBP
 Mr. N. R. Hedulkar-NRH, Dr. D. S. Korgaonkar-DSK, Dr. A. R. Dighe-ARD, Dr. M. A. Chougule-MAC, Mr. P. M. Dhare-PMD, Dr. D. B. Shirgaothkar-DBS, Mr. V. V. Shinde
 Mrs. P. M. Manjarekar, Mr. S. S. Bhaskar-SSB, Mr. K. P. Patil-KPP, Mr. S. C. Rade-SCR, SBK-Miss. S. B. Kambali

ANANDIBAI RAORANE ARTS, COMMERCE & SCIENCE COLLEGE, VAIBHAVWADI



SEMESTERWISE TEACHING PLAN (2023-24)

Class: TYBSC

Semester: V

Subject: Physics

Course Code: USPH503

Paper No. : III

Title: Atomic and Molecular Physics

Month	Topic	No. of allotted lectures	No. of allotted practical periods
June	UNIT I - Chapter 1 – The Hydrogen Atom	07	07
July	UNIT I - Chapter 1 – The Hydrogen Atom	03	03
	UNIT I - Chapter 2 – The Electronic spin	05	05
	UNIT II - Chapter 1 – The spin-orbit coupling and the doublet fine structure	06	06
August	UNIT II – Chapter 2 – The effect of magnetic field on atoms	09	09
	UNIT III - Chapter 1 – The microwave spectroscopy	05	05
September	UNIT III - Chapter 2 – The IR spectroscopy	05	05
	UNIT III - Chapter 3 – The Electronic spectra	05	05
	UNIT IV - Chapter 1- The Raman spectra	06	05
October	UNIT IV - Chapter 2 – Nuclear Magnetic resonance	05	05
	UNIT IV - Chapter 3 – Electron spin resonance	04	04
	Syllabus revision and question paper discussion		


Signature of the teacher


PRINCIPAL
Signature of the Principal
& Science College, Valbhavwadi



SEMESTERWISE TEACHING PLAN (2023-24)

Class: FYBSC

Semester: I

Subject: Physics

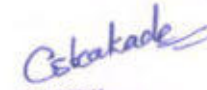
Course Code: USPH102

Paper No. : II

Title: Modern Physics

Month	Topic	No. of allotted lectures	No. of allotted practical periods
June	-	-	-
July	UNIT I - Chapter 1 - Structure of nuclei	06	06
	UNIT I - Chapter 2 - Radioactivity	07	07
August	UNIT I - Chapter 3 - Applications of radioisotopes	02	02
	UNIT II - Chapter 1 - The nuclear detectors	06	06
	UNIT II - Chapter 2 - The nuclear reactions	07	07
September	UNIT II - Chapter 3 - The nuclear fusion and fission	02	02
	UNIT III - Chapter 1- Origin of Quantum mechanics and wave particle duality	05	05
	UNIT III - Chapter 2 - X-Rays	06	06
	UNIT III - Chapter 3 - Compton effect and Gravitational red shift	02	02
October	UNIT III - Chapter 3 - Compton effect and Gravitational red shift	02	02


Signature of the teacher


PRINCIPAL
Signature of the Principal
& Science College, Valbharwad



SEMESTERWISE TEACHING PLAN (2023-24)

Class: SYBSC

Semester: III

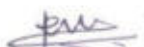
Subject: Physics

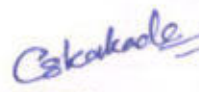
Course Code: USPH301

Paper No. : I

Title: Mechanics and Thermodynamics

Month	Topic	No. of allotted lectures	No. of allotted practical periods
June	UNIT I - Chapter 1 – Compound pendulum	05	05
July	UNIT I - Chapter 2 – Mechanics of a particle and system of particles	06	06
	UNIT I - Chapter 3 – SHM and Oscillations	04	04
	UNIT II - Chapter 1 - The heat and work	05	05
August	UNIT II - Chapter 2 – Second law of thermodynamics	05	05
	UNIT II - Chapter 3 – The entropy	05	05
	UNIT III - Chapter 1 – The third law of thermodynamics	02	02
September	UNIT III - Chapter 1 – The third law of thermodynamics	03	03
	UNIT III - Chapter 2- The heat, steam and combustion engines	05	05
	UNIT III - Chapter 3 – The cold temp. physics	05	05
October	Syllabus revision and question paper discussion	02	--


Signature of the teacher


PRINCIPAL
Signature of the Principal
& Science College, Valbhavwadi



SEMESTERWISE TEACHING PLAN (2023-24 – Extra Workload)

Class: TYBSC

Semester: V

Subject: Physics

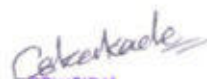
Course Code: USPH501

Paper No. : 1

Title: Mathematical, Thermal and Statistical Physics

Month	Topic	No. of allotted lectures	No. of allotted practical periods
June	-	-	-
July	UNIT I - Probability - 1	08	08
August	UNIT I - Probability - 2	07	07
September	UNIT II - Chapter 1 – The complex functions	08	08
October	UNIT II - Chapter 2 – The differential equations	07	07


Signature of the teacher


PRINCIPAL
Signature of the Principal
Anandarama Mathur & Sons, Valhavan



The Syllabus Completion Report

Mr. P.M. Dhere
Asst. Prof. Dept Of Physics,
ARACSC, Vaibhavwadi,
Date :10/12/2023.

To,
The Principal,
ARACS' College, Vaibhavwadi.

Subject : Syllabus completion report for the semester I, III & V (2023-24).

Respected sir,

I have completed the syllabus in the academic year 2023-24 (SEM I, SEM III & SEM V) for the class of FYBSC, SYBSC & TYBSC Physics (theory and practical) as per the teaching plan. The syllabus completion details are as under:

Class	Course code	Course title	Theory/practical	Syllabus completed in %
FYBSC	USPH102	Modern Physics	T	100%
	USPHP01	Practical - I	P	100%
SYBSC	USPH301	Mechanics & Thermodynamics	T	100%
	USPHP03	Practical – III	P	100 %
TYBSC	USPH503	Atomic and Molecular Physics	T	98 %
	USPHP05	Practical Course (USPH501+ USPH502)	P	100%
	USPH501	Mathematical Thermal & Statistical Physics (2 Units)	T	90 %
	USPHP06	Practical Course (USPH503+ USPH504)	P	100 %

Thanking you,


Yours Faithfully,

Asst. Prof. Mr. P. M. Dhere


PRINCIPAL
Anandilal Rao Arts, Commerce
& Science College, Vaibhavwadi

Mr. P. M. Dhere

Assistant Professor

Department of Physics

ARACSC, Vaibhavwadi.

Date:02/12/2023



To,

The Principal

Anandibai Raorane Art, Commerce & Science College, Vaibhavwadi.

Subject : Semester-wise Teaching Plan (Semester- II, IV & VI)
(Subject-Physics)

Respected Sir,

With reference to above mentioned subject, I'll be completing syllabus for the Semester-II (FYBSc), Semester-IV(SYBSc) and Semester-VI (TYBSc) of Physics subjects per the teaching plan provided herewith, w.e.f.3rd Dec.2023.

Class: FYBSc		Subject: Physics-I	
Course Code & Title: USPH201 (Optics -I)			
Month	Topic	Allotted Lectures	No. of Practical's
January 2024	Unit-I 1. Lenses	06	06
February 2024	Unit-I 2. Lens magnification & Power of lens	06	06
	Unit-I 3. Lens Aberrations	03	03
March 2024	Unit II 1. Optical Instruments	08	08
	2. Interference in Thin films	07	07
	UNIT III 1. LASERS	08	08
April 2024	Unit-III 2. Optical Fibers	07	07

Class: SYBSc		Subject: Physics-II	
Course Code & Title: USPH402 (Quantum Physics)			
Month	Topic	Allotted Lectures	No. of Practical's
December 2023	Unit-I		
	1. Background Review	04	04
	2. The Schrodinger's Wave Equation	07	07



January 2024	Unit I 3. The Operators and Expectation values Unit-II 1. The Applications of Schrodinger's steady state wave equation -I	04 09	04 09
February 2024	Unit-II 1. The Applications of Schrodinger's steady state wave equation -I Unit III 1. The Applications of Schrodinger's steady state wave equation -II	06 08	06 08
March 2024	Unit III 1. The Applications of Schrodinger's steady state wave equation -II	07	07

Class: TYBSc Course Code & Title: USPH603 (Nuclear Physics)		Subject: Physics-III	
Month	Topic	Allotted Lectures	No. of Practical's
December 2023	Unit-I 1. The Alpha Decay 2. The Beta Decay	07 08	07 08
January 2024	Unit-II 1. The Gamma Decay 2. The Nuclear Models	06 09	06 09
February 2024	Unit-III- 1. Nuclear Energy 2. Particle Accelerators	07 08	07 08
March 2024	Unit-IV 1. Nuclear Force 2. The Elementary Particles	06 09	06 09

Thanking you,

C. Kakade
PRINCIPAL
Anandibai Bhoirane Arts, Commerce
& Science College, Vaithawadi

P. M. Dhere
Yours faithfully,
(Asst. Prof. Mr. P.M. Dhere)



The Syllabus Completion Report

Mr. P.M. Dhere
Asst. Prof. Dept Of
Physics,
ARACSC,
Vaibhavwadi,
Date : 04/04/2024.

To,
The Principal,
ARACS College, Vaibhavwadi.

Subject : Syllabus completion report for the semester II, IV & VI (2023-24).

Respected sir,

I have completed the syllabus in the academic year 2023-24 (SEM II, SEM IV & SEM VI) for the class of FYBSC, SYBSC & TYBSC Physics (theory and practical) as per the teaching plan. The syllabus completion details are as under:

Class	Course code	Course title	Theory/practical	Syllabus completed in %
SYBSC	USPH403	Quantum Physics	T	100 %
	USPHP03	Practical – IV	P	100 %
TYBSC	USPH603	Nuclear Physics	T	90 %
	USPHP07	Practical Course (USPH601+ USPH602)	P	100%
FYBSC	USPH201	Optics	T	92%
	USPHP02	Practical - II	P	100%

Thanking you,


PRINCIPAL
Anandibai Raorane Arts, Commerce
& Science College, Vaibhavwadi


Yours Faithfully,
Asst. Prof. Mr. P. M. Dhere