



SHRI. GOPINATH MAHADEO VEDAK PRATISHTHAN'S



G. M. VEDAK COLLEGE OF SCIENCE

TALA - RAIGAD - 402 111. MAHARASHTRA

Affiliated to University of Mumbai

NAAC Reaccredited B Grade (2024)



PROSPECTUS 2026 - 2027

A/P - Tala, Tal. Tala, Dist. Raigad

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SHRI GOPINATH MAHADEO VEDAK PRATISHTHAN'S



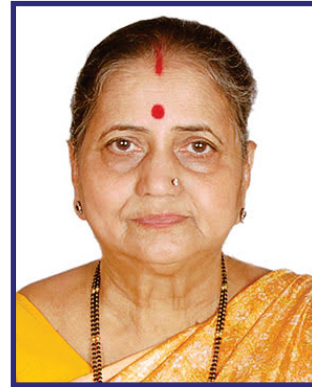
Dr. Nandkumar Gopinath Vedak, D. Litt. (Hon.)

Founder & Chairman Shri. Gopinath Mahadeo Vedak Pratishthan

Shri. Gopinath Mahadeo Vedak Pratishthan's Trustees



Hon. Shri Unmesh N. Vedak
Secretary



Hon. Mrs. Sanjivani N. Vedak
Trustee



Hon. Mrs. Sanjani U. Vedak
Trustee



Hon. Ms. Sonali N. Vedak
Trustee



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council*

is pleased to declare

*Shri. Sopinath Mahadeo Vedak Pratishthan's
S. M. Vedak College of Science, Tala
Indapur Road, Tala, Dist. Raigad,
affiliated to University of Mumbai, Maharashtra as
Accredited*

with CSPA of 2.39 on four point scale

at B grade

valid up to November 20, 2029

Date : November 21, 2024



Director

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Milestones of Gopinath Mahadeo Vedak Pratishthan

1. G. M. Vedak College of Science, Tala, Raigad----- (est. 2009)

- NAAC Reaccreditation with grade B (Cycle-II) - 2024
- Ph.D. Research Center in Chemistry - 2022
- M.Sc. Information Technology - 2021 (20 seats)
- M.Sc. Organic Chemistry - 2021 (20 seats additional)
- M.Sc. Organic Chemistry - 2018 (20 seats)
- NAAC accreditation with grade B+ (Cycle-I) - 2017
- B.Sc. Information Technology - 2010 (60 seats)
- B.Sc. Computer Science - 2010 (60 seats)
- B.Sc. (Physics, Chemistry & Zoology) - 2009 (120 seats)

2. G. M. Vedak Institute of Technology, Tala----- (est. 2011)





VISION

Spreading the light of knowledge and enlightenment.

MISSION

To provide superior science education and training that prepare individuals to realize their full potential and will best serve the nation.

OBJECTIVES

- **For offering science education to hilly, rural and tribal areas of Raigad district.**
- **For imparting science aptitude and creating an environment of hard work, excitement and enjoyment, which emphasizes ethical behavior and mutual respect.**
- **For an astute and sagacious undergrad to cater the increasing demand of skill manpower.**
- **For excellence and commitment in our outreach activities thereby contributing to the vitality of the region.**
- **To make college with potential excellence.**



From the Trustee's Desk

Chairman, Hon'ble. Dr. Nandkumar G. Vedak

In 2009, Shri Gopinath Mahadeo Vedak Pratishthan established G. M. Vedak College of Science with the aim of providing high-quality science education to the community, including those living in rural, tribal, and hilly areas of Tala Tehsil. Our motto, "विद्याधन सर्वधन प्रधानम्" (Education is the foremost wealth), guided our mission. Building on our success, in 2010, we expanded our offerings by establishing G. M. Vedak Institute of Technology, an engineering college, with the same motto. Over the past 14 years, our college has emerged as a preferred

learning institution. The unwavering trust placed in us by students and parents has inspired us to introduce new courses such as M.Sc. in Information Technology and M.Sc. in Organic Chemistry. Currently, the college offers undergraduate programs in BSc, BSc IT, and BSc Computer Science, as well as postgraduate programs in Organic Chemistry and Information Technology in accordance with the University of Mumbai's guidelines. We are committed to meeting the evolving demands of our students and parents, and we strive to fulfill their expectations in the future. Our aspiration is to nurture scientific talent and cultivate a culture of scientific exploration within our college. In response to the enthusiasm expressed by both students and teachers, we established a Research Centre in Chemistry in last academic year. This research centre aims to develop the skills of our students, empowering them to contribute not only to our nation's progress but also to global development. I am delighted to note that our college has adeptly adapted to the new teaching and learning dynamics necessitated by the pandemic outbreak. Moving forward, we remain dedicated to fostering the holistic development of our students through enhanced infrastructure, investments in quality faculty members, and the promotion of various skills. Our goal is to build a robust educational institution that ensures a bright future for our students. We are committed to meeting their needs and envisioning a prosperous journey ahead.



From the Secretary's Desk

Hon'ble. Shri. Unmesh N. Vedak

Dear Students, in 2009, our college was founded with a clear objective: to make quality science education accessible and help you fulfill your dreams. I am delighted to share that we have made significant progress towards this goal. Starting with undergraduate courses in 2009, followed by postgraduate programs in 2019 and the establishment of a Research Center in 2022, we have earned commendation from all stakeholders, including students, parents, the university administration, and the NAAC peer team. Amidst the challenges posed by the pandemic, our college has taken proactive measures to prepare for

the future of education. We have implemented blended learning techniques and provided opportunities for you to enhance your skills through skill-based courses and webinars. Our aim is to equip you with a wide range of real-world skills and state-of-the-art facilities, enabling you to tackle professional challenges with confidence. We continuously assess the progress of both students and staff members. Moreover, we encourage our faculty to participate in regular faculty development programs, conferences, seminars, and other activities that enhance their ability to provide the best training to you, the students. I assure you that our college strives to strike the perfect balance between tradition and a modern approach to education. We urge you, as students, to make the most of the countless opportunities available for self-development and contribute to the betterment of society. Engage yourselves with energy in academic pursuits, co-curricular activities, and extra-curricular endeavors. By utilizing the available facilities optimally, you will undoubtedly succeed in your endeavors. Wishing you all the best in your educational journey!



From the Principal's Desk

It gives me immense pleasure to extend a warm welcome to G. M. Vedak College of Science, Tala–Raigad an institution where academic excellence harmoniously blends with holistic development. I feel deeply honoured and privileged to serve as the In-charge Principal of this esteemed college. I sincerely express my heartfelt gratitude to the Management of Shree Gopinath Mahadeo Vedak Pratishthan for entrusting me with this significant responsibility.

At our college, we firmly believe that education is the most powerful instrument for transforming individuals and society. Our mission is to nurture knowledge, skills, and values that empower students to emerge as competent professionals, responsible citizens, and ethical leaders in an ever-evolving global landscape.

We strive to provide a stimulating academic environment supported by modern infrastructure, well-equipped laboratories, advanced ICT facilities, and a team of dedicated and highly qualified faculty members. Alongside academic rigor, we emphasize the all-round development of our students through cultural, social, and community-oriented activities. These initiatives foster curiosity, creativity, critical thinking, and character building shaping well-rounded individuals.

Our institution takes pride in offering a wide range of academic programmes including B.Sc., B.Sc. (IT), B.Sc. (Computer Science), M.Sc. (Organic Chemistry), M.Sc. (Information Technology), and Ph.D. in Chemistry. Through these programmes, we aim to make quality higher education accessible, especially to students from tribal, rural, and semi-urban regions.

As we embark on a new academic year, let us move forward with a spirit of inquiry, integrity, and inclusiveness. Together, we can create a vibrant academic environment where ideas flourish, talents are nurtured, and aspirations turn into achievements.

I extend my best wishes to all students for a successful, enriching, and fulfilling academic journey ahead.

Dr. Sachin Vasant Bangale

I/C Principal



Courses available in the College

1. Traditional programme: 1.1 Bachelor of Science (3 years) (B.Sc.)

2. Professional and self-finance courses:

2.1 Bachelor of Science in Computer Science (3 years) (B.Sc. Com. Sci.)

2.2 Bachelor of Science in Information Technology (3 years) (B.Sc. I.T.)

2.3 Post-graduate in Information Technology (2 years) (M.Sc. I.T.)

2.4 Post-graduate in Organic Chemistry (2 years) (M.Sc. Organic Chemistry)

2.5 Ph.D. in Chemistry

Admission and Examination Fee

Sr No	Particulars	F.Y. B.Sc	S.Y. B.Sc	T.Y. B.Sc	F.Y. B.Sc (C.S.)	S.Y. B.Sc (C.S.)	T.Y. B.Sc (C.S.)	F.Y. B.Sc (IT)	S.Y. B.Sc (IT)	T.Y. B.Sc (IT)	M.Sc. Part-I	M.Sc. Part-II	M.Sc. I.T Part-I	M.Sc. I.T Part-II	Ph.D. (Chemistry) - I	Ph.D. (Chemistry) - II/III/IV
	Tuition Fees															
1	Ist Term	800	800	800	14333	14333	14333	14333	14333	14333	18191	18191	19845	19845	8269	8269
	IIInd Term															
2	Admission Form	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	Prospectus and Information Brochure	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	Library Fees	200	200	200	1200	1200	1200	1200	1200	1200	1000	1000	1000	1000	1000	1000
5	Gymkhana Fees	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
6	Other Fees/ Extra Curricular activity	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365
7	Enrollment Fees	220	0	0	220	0	0	220	0	0	1025		1025		1025	
8	Disaster Relief fund	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	Admi. Processing	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
10	Utility Fees	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
11	Magazine Fees	100	100	100	100	100	100	100	100	100	100	100	100	100		
12	ID & Library cards	80	80	80	80	80	80	80	80	80	80	80	80	80	50	50
13	Group Insurance (With GST)	25	25	25	25	25	25	25	25	25	25	25	25	25	50	50
14	Student Welfare Fund	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
15	Development Fund	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882
16	Vice Chancellor's Fund	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	Uni. Sports & Cultural Activity	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
18	E-Suvidha & E-Charges	79	79	79	79	79	79	79	79	79	79	79	79	79	79	59
19	Alumni Association fees	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
20	Project Fee	100	100	500	100	100	500	100	100	500		2000		2000		
21	Niyatkalik Fees	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	Laboratory Fees	800	800	800	7000	7000	7000	7000	7000	7000	17000	17000	15000	15000	20000	20000
23	Gathering Fee	100	100	100	100	100	100	100	100	100	100	100	100	100	650	650
24	N.S.S.(Ekak Yojana)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	Sports Contribution	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
26	Computer & Internet Charges	500	500	500	500	500	500	500	500	500	500	500	500	500	1000	1000
27	Entrepreneurship Development Cell Activity	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Refundable Deposit:															
28	Laboratory Deposit	400	0	0	400	0	0	400	0	0	400	0	400	0	0	0
29	Coution Money Deposit	150	0	0	150	0	0	150	0	0	150	0	150	0	0	0
30	Library Deposit	250	0	0	250	0	0	250	0	0	250	0	250	0	0	0
TOTAL ADMISSION FEE		6422	5402	5802	27155	26135	26535	27155	26135	26535	41518	41693	41172	41347	34741	33696
EXAMINATION FEE		2595	2595	2845	2595	2595	2845	2595	2595	2845	3898	4148	3898	4148	0	0
GRAND TOTAL		9017	7997	8647	29750	28730	29380	29750	28730	29380	45416	45841	45070	45495	34741	33696

1.Circular No. 2026APR/AAMS-III/(C-10)/38043, Dated 16th April, 2026

2.Circular No. 2026APR/AAMS-III/(C-11)/38063, Dated 16th April, 2026



Scholarships

- Applicants from Scheduled Castes (SC), Various Backward Classes, Economically Backward Classes (EBC), Other Backward Classes (OBC), Vimukta Jati (VJ) and Nomadic Tribes (NT) and Special Backward Classes (SBC) who have secured and confirmed their final admissions can avail the benefit under State Government various Scholarship/Freeship schemes etc. by applying online through State Government website <https://mahadbt.maharashtra.gov.in/portal>.
- For availing the prescribed benefits of Scholarship/Freeship schemes, etc., the candidate must fulfill the scheme eligibility and submit online application through MahaDBT portal within one month from the date of securing final admission in the college/institution.

Scholarship Departments:

1. Social Justice and Special Assistance Department Scholarship Schemes

- Government of India Post-Matric Scholarship
- Post-Matric Tuition Fee and Examination Fee (Free ship)
- Maintenance Allowance for student Studying in professional courses
- Rajarshri Chhatrapati Shahu Maharaj Merit Scholarship
- Post-Matric Scholarship for persons with disability

2. Tribal Development Department Scholarship Schemes

- Post Matric Scholarship Scheme (Government of India)
- Tuition Fee & Exam Fee for Tribal Students (Free ship)
- Vocational Education Fee Reimbursement
- Vocational Education Maintenance Allowance

3. Directorate of Higher Education Scholarship Schemes

- Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme
- Assistance to Meritorious Students scholarship - Junior Level
- Education Concession to the Children of Ex-Servicemen
- Eklavya Scholarship
- State Government Open Merit Scholarship
- Scholarship to Meritorious students possessing Mathematics /Physics
- Government Vidyaniketan Scholarship
- State Government Daxshina Adhichatra Scholarship
- Government Research Adhichatra
- Education Concession to the Children Freedom Fighter
- Jawaharlal Nehru University Scholarship
- Assistance to Meritorious Students scholarship - Senior Level
- Dr. Punjabrao Deshmukh Vasatigruh Nirvah Bhatta Yojna (DHE)

4. OBC, SEBC, VJNT & SBC Welfare Department

- Post Matric Scholarship to VJNT Students
- Tuition Fees and Examination Fees to VJNT Students
- Payment of Maintenance Allowance to VJNT and SBC Students Studying in Professional Courses and Living in Hostel Attached to Professional Colleges
- Post Matric Scholarship to OBC Students
- Post Matric Scholarship to SBC Students
- Tuition Fees and Examination Fees to OBC Students
- Tuition Fees and Examination Fees to SBC Students



Guidelines and Rules of Admission

- Right of admission is reserved by the Principal.
- A student seeking admission to the college should present himself /herself along with parent/guardian with an application in the prescribed form duly filled in and signed by his/her parents / guardian.
- No admission will be granted unless it is duly granted by the Principal.
- All admissions are valid only for one academic year and are required to be renewed with application in the prescribed form for the new academic year.
- Once the student is admitted for degree course means he / she must complete the course in the college. However, if under any unavoidable circumstances, student may seek NOC provided he / she must pay the fees of entire degree course. The student and parent should have to produce proper documents such as transfer order etc. for seeking NOC by this college.
- Mode of refund of fees after cancellation of admission will be as per circular no. D.O. No.F.2-71/2022 (CPP-II) (C-114546) dated 12th June 2024 / 22 ज्येष्ठ 1946.

Eligibility Criteria for Admission

Bachelor of Science

Class	Eligibility Criteria	Intake Capacity/ Circular No.																			
F.Y.B.Sc. (General) (Sem-I)	A candidate for being eligible for admission to the three-year integrated course leading to the degree of Bachelor of Science (B.Sc.) must have passed the Higher Secondary School Certificate Examination (Std. XII) conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, in the following subjects <table border="1"> <thead> <tr> <th>(A)</th><th>Subject No.</th><th>Subject Title</th></tr> </thead> <tbody> <tr> <td rowspan="3">Science Stream (General)</td><td>01</td><td>English (Higher or Lower level) 100 marks</td></tr> <tr> <td>02</td><td>Any one of the Modern Indian Languages OR Modern Foreign Languages OR any Classical, Language (Higher Level OR Lower Level) OR Information Technology. 100 marks</td></tr> <tr> <td>03 to 06</td><td>Four other subjects from among the subjects mentioned below carrying a total of 400 marks OR Three other subject from among the subject mentioned below carrying a total of 300 marks and one more subject from among the remaining optional subjects carrying 100 marks as prescribed for the HSC (Std.XII) examination.</td></tr> </tbody> </table> List of the subjects (03 to 06): i. Physics, ii. Chemistry, iii. Biology, iv. Mathematics & Statistics, v. Geography, vi. Economics, vii. Geology, viii. Psychology OR <table border="1"> <thead> <tr> <th>(B)</th><th>Subject No.</th><th>Subject Title</th></tr> </thead> <tbody> <tr> <td>Vocational Stream</td><td></td><td>Must have pass the Higher Secondary School certificate (HSC)(Std.XII) examination with vocational subjects conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune, in the following subjects :-</td></tr> <tr> <td></td><td>01</td><td>English (Higher or Lower level) 100 marks</td></tr> </tbody> </table>	(A)	Subject No.	Subject Title	Science Stream (General)	01	English (Higher or Lower level) 100 marks	02	Any one of the Modern Indian Languages OR Modern Foreign Languages OR any Classical, Language (Higher Level OR Lower Level) OR Information Technology. 100 marks	03 to 06	Four other subjects from among the subjects mentioned below carrying a total of 400 marks OR Three other subject from among the subject mentioned below carrying a total of 300 marks and one more subject from among the remaining optional subjects carrying 100 marks as prescribed for the HSC (Std.XII) examination.	(B)	Subject No.	Subject Title	Vocational Stream		Must have pass the Higher Secondary School certificate (HSC)(Std.XII) examination with vocational subjects conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune, in the following subjects :-		01	English (Higher or Lower level) 100 marks	120 Ordinance No. O.2145 No.UG/394 of 2004, Dated 6th September, 2004
(A)	Subject No.	Subject Title																			
Science Stream (General)	01	English (Higher or Lower level) 100 marks																			
	02	Any one of the Modern Indian Languages OR Modern Foreign Languages OR any Classical, Language (Higher Level OR Lower Level) OR Information Technology. 100 marks																			
	03 to 06	Four other subjects from among the subjects mentioned below carrying a total of 400 marks OR Three other subject from among the subject mentioned below carrying a total of 300 marks and one more subject from among the remaining optional subjects carrying 100 marks as prescribed for the HSC (Std.XII) examination.																			
(B)	Subject No.	Subject Title																			
Vocational Stream		Must have pass the Higher Secondary School certificate (HSC)(Std.XII) examination with vocational subjects conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune, in the following subjects :-																			
	01	English (Higher or Lower level) 100 marks																			



	02 to 03	Any One vocational subject carrying 200 marks (from among 19 subjects) prescribed for the HSC (Std.XII) examination under the Technical Group, Commercial Group, Agriculture Group Catering & Food Technology Group and Fisheries Group)	
	04 to 06	Any three of the following subjects carrying a total of 300 marks :- i. Physics ii. Chemistry iii. Biology iv. Mathematics and Statistics	
		OR	
(C)	Subject No.	Subject Title	
MCVC Stream Vocational Subjects	Must have passed the Higher Secondary School Certificate (HSC) (Std. XII) Examination Certificate (HSC)(Std.XII) examination conducted by the Maharashtra State Board of Secondary and Higher Secondary Education Pune, in the following subjects :		
	01	English (Higher or Lowerlevel)	100 marks
	02	Any one of the Modern Indian Languages OR Modern Foreign Languages OR any Classical, Language (Higher Level OR Lower Level) OR Information Technology. 100 marks	
	03	General Foundation Course	100 marks
	04 to 06	Any three of the minimum competency vocational subjects carrying total of 300 marks [from among the following groups prescribed for the HSC (Std. XII) examination namely Engineering & Technology Group Agriculture Group, Fisheries Group, Para Medical Group and Catering & Food Technology Group]	
Further that the students, passing the HSC (StdXII) examination with the MCVC stream shall be eligible for admission to F.Y.B.Sc for certain subject combinations only depending on their subjects (04 to 06) of the MCVC stream as specified in the following table:-			
Sr. No.	MCVC Group	Any three of the following subjects to be offered at F.Y.B.Sc.	
01	Engineering Technology Group	Physics, Chemistry, Mathematics, Statistics Geology, Geography, Computer Science, Information Technology	
02	Agriculture Group	Chemistry, Botany, Zoology, Life Sciences Biochemistry, Bio-Technology Microbiology, Geography, Geology	
03	Fisheries Group	Chemistry, Botany, Zoology, Life Sciences Biochemistry, Bio-Technology, Microbiology, Geography, Geology	
04	Paramedical Group	Chemistry, Botany, Zoology, Life Sciences Biochemistry, Bio-Technology, Microbiology, Geography, Geology	
05	Catering & food Technology	Chemistry, Botany, Zoology, Life Sciences Biochemistry, Bio-Technology, Microbiology, Geography, Geology, Economics (Students of this MCVC Group shall also be eligible for admission to the F.Y.B.Sc. of B.Sc. (Home Science) Degree course.)	
		OR	
(D)	Must have passed an examination of another University or Body or Board Board recognized as equivalent to the HSC (Std. XII) Examination conducted by the Maharashtra Secondary and Higher Secondary Education, Pune		
		OR	



	(E) Must have passed the First Year Science Examination of the B.Sc. degree Course of this University or an Examination of any other University recognized as equivalent thereto OR (F) Must have passed at least the Second Year Examination of the Post S.S.C. (Std. X) Three Year Engineering Diploma course or the 4th Semester of 6th Semester Engineering Diploma Course conducted by/approved by/recognized by/affiliated to the Maharashtra Board of Technical Education or another Body/Board recognized as equivalent thereto. Further, such students of Engineering Diploma courses shall be eligible to offer any three of the following subjects for admission to the F.Y.B.Sc.: Physics, Chemistry, Mathematics, Statistics, Computer Science, Information Technology, Geology, Geography, Economics.	
S.Y.B.Sc. (Sem-III)	A learner shall be allowed to take admission for Semester III if he/she passes both in Semester I and Semester II. OR A learner shall be allowed to keep term for Semester III if he/she earns 32 or more Cumulative credits from Semester I & Semester II.	120 Circular No. AAMS UGS/IC C/2025-26/38, Dated 28th May, 2025
T.Y.B.Sc (Sem. V)	A learner shall be allowed to take admission for Semester V if he/she passes in all courses of Semester I, Semester II, Semester III and Semester IV OR A learner shall be allowed to keep term for Semester V if he/she earns 76 or more Cumulative credits from Semester I, II, III & IV.	120

B.Sc. (Computer Science)

F.Y.B.Sc. (Com. Sci.) (Sem. I)	A candidate for being eligible for admission to the three years integrated course leading to the degree of Bachelor of Science (B.Sc.) must have passed Higher Secondary School Certificate Examination (Std. XII) in Science stream conducted by the Maharashtra State Board of Secondary and Higher Secondary Education with Mathematics and Statistics as one of the subjects or its equivalent. Admission will be on merit, based on order of preference as follows: 1. Aggregate Marks at H.S.C. or equivalent. 2. Aggregate Marks in Science Group (Physics, Chemistry and Mathematics) 3. Marks in Mathematics and Statistics and Physics. Marks in Mathematics and Statistics.	60 Ordinance No. O.5719 No. UG./284 of 2007, Dated 16th June, 2007
S.Y.B.Sc. (Com. Sci.) (Sem. III)	A learner shall be allowed to take admission for Semester III if he/she passes both in Semester I and Semester II. OR A learner shall be allowed to keep term for Semester III if he/she earns 32 or more Cumulative credits from Semester I & Semester II.	60 Circular No. AAMS UGS/ICC/ 2025-26/38, Dated 28th May, 2025
T.Y.B.Sc. (Com. Sci.) (Sem. V)	A learner shall be allowed to take admission for Semester V if he/she passes in all courses of Semester I, Semester II, Semester III and Semester IV OR A learner shall be allowed to keep term for Semester V if he/she earns 76 or more Cumulative credits from Semester I, II, III & IV.	60

B.Sc. (Information Technology)

Class	Eligibility Criteria	Intake Capacity Circular No.
F.Y.B.Sc. (I.T.) (Sem. I)	A candidate for being eligible for admission to the degree course of Bachelor of Science – Information Technology, shall have passed XII standard examination of the Maharashtra Board of Higher Secondary Education or Its equivalent with Mathematics and Statistics as one of the subjects and should have secured not less than 45 % marks in aggregate for open category and 40 % marks in aggregate in case of Reserved category candidates.	60 Ordinance No. O.5051 No. UG./283 of 2007, Dated 16th June, 2007



S.Y.B.Sc. (I.T.) (Sem.III)	A learner shall be allowed to take admission for Semester III if he/she passes both in Semester I and Semester II. OR A learner shall be allowed to keep term for Semester III if he/she earns 32 or more Cumulative credits from Semester I & Semester II.	60 Circular No. AAMS_UGS/ICC/ 2025-26/38, Dated 28 th May, 2025
T.Y.B.Sc. (I.T.) (Sem. V)	A learner shall be allowed to take admission for Semester V if he/she passes in all courses of Semester I, Semester II, Semester III and Semester IV OR A learner shall be allowed to keep term for Semester V if he/she earns 76 or more Cumulative credits from Semester-I, II, III & IV.	60

M.Sc. (Information Technology)

Class	Eligibility Criteria	Intake Capacity/ Circular No.
M.Sc(I.T) Part-I	All the admissions will be on merit (i.e. percentage of aggregate marks secured for the qualifying examination) Reservation criteria shall be followed as prescribed by the Government at the time of admission. The candidate must have passed B.Sc. Degree in Information Technology of University of Mumbai or any recognized University with minimum 45 percent of marks. OR B.Sc. In Computer Science/BCS with minimum 45% marks OR B.E. degree in any branch with minimum 45% marks OR B.Sc. (Mathematics) with minimum 45% marks OR B.Sc. (Physics) with minimum 45% marks OR B.Sc. (Statistics) with minimum 45% marks OR B.Sc. (Electronics) with minimum 45% marks with Mathematics as one of the subjects at 10+2 or its equivalent examination.	20 Ordinance No. O.6002 No.UG/09 of 2012, dated 21 st February, 2012
M.Sc(I.T) – Part-II	All the First Year Students will be promoted to Second Year irrespective of the number of credits for Progression in PG Programme prepared under NEP 2020	20 Circular No. AAMS_UGS/ICC /2025-26/109, Dated 26 th Aug. 2025

M.Sc. (Organic Chemistry)

Class	Eligibility Criteria	Intake Capacity/ Circular No.
M.Sc-Part-I (Organic Chemistry)	All the admissions will be on merit (i.e. percentage of aggregate marks secured for the qualifying examination) Reservation criteria shall be followed as prescribed by the Government at the time of admission. The candidate must have passed B.Sc. degree in Chemistry of University of Mumbai with 6 units or 3 units or any other University recognized as equivalent thereto.	40 Ordinance No. O.6002 No.UG/09 of 2012, dated 21 st February, 2012
M.Sc-Part-II (Organic Chemistry)	All the First Year Students will be promoted to Second Year irrespective of the number of credits for Progression in PG Programme prepared under NEP 2020	40 Circular No. AAMS_UGS/ICC /2025-26/109, Dated 26 th Aug. 2025

Ph. D. (Chemistry)

Class	Eligibility Criteria	Intake Capacity
Ph.D. Chemistry	The candidate must have passed M.Sc. degree in Chemistry and cleared NET/SET Examination from University of Mumbai.	



Course Content

NEP Credit distribution Structure under Scheme–III for F.Y.B.Sc.

Subject Selection Chart for Semester-I

Verticals	Description	Subject			Code	Credits	Total Credits
Students can select any one group from the following (Chemistry, Physics, Mathematics) OR (Chemistry, Physics, Zoology)							
Vertical 1	Major	CPM group	Chemistry	Basics in Physical, Inorganic and Organic Chemistry I	1141114	2+2=4	12
				Chemistry Practical 1	1141113		
			Physics	Introduction to Mechanics	1031111	2+2=4	
				Physics Practical	1031113		
			Mathematics	Algebra I and Calculus I	1051114	2+2=4	
				Mathematics Practical	1051115		
		CPZ group	Chemistry	Basics in Physical, Inorganic and Organic Chemistry I	1141114	2+2=4	
				Chemistry Practical 1	1141113		
			Physics	Introduction to Mechanics	1031111	2+2=4	
				Physics Practical	1031113		
			Zoology	Life Processes	1111111	2+2=4	
				Practical based on Life Processes	1111114		
Vertical 2	Minor	Not Applicable for Semester I				---	
Vertical 3	Open Elec- tive	Not Applicable for Semester I				---	
Vertical 4	VSEC (Vo- cational Skill Enhancement Courses	VSC Voca- tional Skill Course	Chemistry	Calibration of Glassware and In- struments	1141411	2	4
			Physics	Laboratory Equipment Maintenance	1031411		
			Mathematics	Basics in Python Programming			
			Zoology	Ornamental Fish Breeding and Maintenance	1111411		
		SEC Skill En- hance- ment Course	Chemistry	Basic Statistical tools in Chemistry	1141412	2	
			Physics	Basic Instrumentation Skill and Basic Mathematical Skills for Phys- ics	1031412		
			Mathematics	Data Analytics-I			
			Zoology	Aquarium Management	1111413		
Vertical 5	AEC (Ability Enhance- ment Course)	Introduction to Communication Skills			2511511	2	6
	VEC (Value Education Course)	Environmental Management & Sustainable Devel- opment -I			2541516	2	
	IKS (Indian Knowledge System)	Introduction to Indian Knowledge Systems			2531511	2	
Vertical 6	OJT/FP/ CEP/RP	Not Applicable for Semester-I				---	---
	NSS or NCC or Sports or Cultural or Extension Work	Not Applicable for Semester-I				---	
Total Credit for Semester-I							22



NEP Credit distribution Structure under Scheme-III for F.Y.B.Sc.

Subject Selection Chart for Semester-II

Verticals	Description	Subject			Code	Credits	Total Credits
Students can select any one group from the following (Chemistry,Physics, Mathematics) OR (Chemistry, Physics, Zoology)							
Vertical 1	Major	CPM group	Chemistry	Basics in Physical, Inorganic and Organic Chemistry II	1142114	2+2=4	12
				Chemistry Practical II	1142113		
			Physics	Optics	1032111	2+2=4	
				Physics Practical	1032115		
			Mathematics	Discrete Mathematics and Calculus II	1052116	2+2=4	
				Mathematics Practical	1052115		
		CPZ group	Chemistry	Basics in Physical, Inorganic and Organic Chemistry II	1142114	2+2=4	
				Chemistry Practical II	1142113		
			Physics	Optics	1032111	2+2=4	
				Physics Practical	1032115		
			Zoology	Ecology and Biodiversity	1112112	2+2=4	
				Practical based on Ecology and Biodiversity	1112114		
Vertical 2	Minor	Not Applicable for Semester II				---	
Vertical 3	Open Elective	Environmental Management & Sustainable Development -II			2542511	2	2
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC Vocational Skill Course	Chemistry	Commercial Analysis of Food Samples	1142411	2	4
			Physics	PCB Making	1032411		
			Mathematics	Computing with Python			
			Zoology	Poultry Science	1112412		
		SEC Skill Enhancement Course	Chemistry	Data Analysis in Chemistry	1142412	2	
			Physics	ICT tools for Physics	1032412		
			Mathematics	Data Analytics- II			
			Zoology	Fish Value Added Products	1112413		
Vertical 5	AEC (Ability Enhancement Course)	लेखन कौशल्ये १ (कार्यालयीन लेखन व्यवहार व पत्रव्यवहार)			2512511	2	2
	VEC (Value Education Course)	Not Applicable for Semester-II				---	
	IKS (Indian Knowledge System)	Not Applicable for Semester-II				---	
Vertical 6	OJT/FP/ CEP/RP	Not Applicable for Semester-II				---	2
	NSS or NCC or Sports or Cultural or Extension Work	Introduction to National Service Scheme (NSS)			2522617 2521612	2	
Total Credit for Semester-II							22



NEP Credit distribution Structure under Scheme-I for F.Y.B.Sc. (Comp. Sci.)

Subject Selection Chart for Semester-I

Verticals	Description	Subject		Code	Cred-its	Total Credits
Vertical 1	Major	Digital Systems & Architecture (Theory)		1101111	2+2+2	6
		Fundamentals of Database Systems (Theory)		1101112		
		Computer Science Practical 1		1101113		
Vertical 2	Minor	Not Applicable for Semester I			---	---
Vertical 3	Open Elective	Introduction to Commerce (OE)		1171311	2+2	4
		Marketing Mix - I		1281311		
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC Vocational Skill Course	Introduction to Programming with Python	1101411	2	4
		SEC Skill Enhancement Course	Statistics with R Programming	1101412	2	
Vertical 5	AEC (Ability Enhancement Course)		Introduction to Communication Skills in English-I	2511511	2	6
	VEC (Value Education Course) (Any one from the basket)		Environmental Management & Sustainable Development -I	2541516	2	
	IKS (Indian Knowledge System)		Introduction to Indian Knowledge Systems	2531511	2	
Vertical 6	OJT/FP/ CEP/RP		Not Applicable for Semester-I		---	2
	NSS or NCC or Sports or Cultural or Extension Work (Any one from the basket)		Introduction to National Service Scheme (NSS)	2521612	2	
Total Credit for Semester-I						22



NEP Credit distribution Structure under Scheme-I for F.Y.B.Sc. (Comp. Sci.)

Subject Selection Chart for Semester-II

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	Design & Analysis of Algorithms (Theory)		1102111	2+2+2	6
		Object Oriented Programming (Theory)		1102112		
		Computer Science Practical 2		1102113		
Vertical 2	Minor	DS_R Programming		1042211	2	2
Vertical 3	Open Elec- tive	Principles and Practices of Management		1172311	2 + 2	4
		Marketing Mix II		1282311		
Vertical 4	VSEC (Voca- tional Skill Enhancement Courses	VSC Vocational Skill Course	Web Technologies	1102411	2	4
		SEC Skill Enhancement Course	Database Management Systems using PL/SQL	1102412	2	
Vertical 5	AEC (Ability Enhancement Course)		लेखन कौशल्ये १ (कार्यालयीन लेखन व्यवहार व पत्रव्यवहार)	2512511	2	4
	VEC (Value Education Course)		Environmental Management & Sustainable Development -II	2542511	2	
	IKS (Indian Knowledge System)		Not Applicable for Semester-II		---	
Vertical 6	OJT/FP/ CEP/RP		Not Applicable for Semester-II		---	2
	NSS or NCC or Sports or Cultural or Extension Work		Leadership and Community Engagement (NSS)	2522611	2	
Total Credit for Semester-II						22



NEP Credit distribution Structure under Scheme-I for F.Y.B.Sc. (IT)

Subject Selection Chart for Semester-I

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	Programming with C (Theory)		1011111	2+2+2	6
		Database Management Systems (Theory)		1011112		
		Practical I		1011113		
Vertical 2	Minor	Not Applicable for Semester I			---	---
Vertical 3	Open Elec- tive	Introduction to Commerce		1171311	2 + 2	4
		Marketing Mix - I		1281311		
Vertical 4	VSEC (Voca- tional Skill Enhancement Courses	VSC Vocational Skill Course	Combinational and Sequen- tial Design	1011411	2	4
		SEC Skill Enhancement Course	Office Tools for Data Man- agement	1011412	2	
Vertical 5	AEC (Ability Enhancement Course)		Introduction to Communica- tion Skills	2511511	2	6
	VEC (Value Education Course)		Environmental Management & Sustainable Development -I	2541516	2	
	IKS (Indian Knowledge System)		Introduction to Indian Knowledge Systems	2531511	2	
Vertical 6	OJT/FP/ CEP/RP		Not Applicable for Semes- ter-I		---	2
	NSS or NCC or Sports or Cultural or Extension Work		Introduction to National Service Scheme (NSS)	2521612	2	
Total Credit for Semester-I						22



NEP Credit distribution Structure under Scheme-I for F.Y.B.Sc. (IT)

Subject Selection Chart for Semester-II

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	OOPs with C + + (Theory)		1012111	2+2+2	6
		Web Designing (Theory)		1012112		
		Practical II		1012113		
Vertical 2	Minor	DS R Programming		1042211	2	2
Vertical 3	Open Elec- tive	Principles and Practices of Management		1172311	2 + 2	4
		Marketing Mix II		1282311		
Vertical 4	VSEC (Vo- cational Skill En- hancement Courses	VSC Vocational Skill Course	Assembly Language Pro- gramming	1012411	2	4
		SEC Skill Enhance- ment Course	PL/SQL	1012413	2	
Vertical 5	AEC (Ability Enhancement Course)		लेखन कौशल्ये १ (कार्यालयीन लेखन व्यवहार व पत्रव्यवहार)	2512511	2	4
	VEC (Value Education Course)		Environmental Management & Sustainable Development -II	2542511	2	
	IKS (Indian Knowledge System)		Not Applicable for Semester- II		---	
Vertical 6	OJT/FP/ CEP/RP		Not Applicable for Semester II		---	2
	NSS or NCC or Sports or Cultural or Extension Work		Leadership and Community Engagement (NSS)	2522611	2	
Total Credit for Semester-II						22

NEP Credit distribution Structure under Scheme-III for S.Y.B.Sc.
Subject Selection Chart for Semester-III

Verticals	Description	Subject			Code	Credits	Total Credits
Vertical 1	Major	Chemistry	Paper I: S3MJ3: Progressive Physical and Analytical Chemistry I		1143111	2+2+2	6
			Paper II: S3MJ4: Progressive Inorganic and Organic Chemistry I		1143112		
			Practical: S3MJCHP3: Chemistry Practical 3		1143113		
		Physics	Paper I: Mathematical Methods for Physics		1033111	2+2+2	
			Paper-II: Electrodynamics		1033112		
			Practical: Physics Major Practical Course MJP III		1033114		
		Zoology	Paper I: Cell Biology		1113111	2+2+2	
			Paper II: Biochemistry		1113113		
			Practical: Laboratory Exercises on Cell Biology & Biochemistry		1113115		
Vertical 2	Minor	Chemistry	Paper: General Principles of Chemistry I		1143211	2+2	4
			Practical: Practical in General Principles of Chemistry 1		1143212		
		Physics	Paper: Mechanics		1033216	2+2	
			Practical: Physics Minor Practical Course-USPHMNP1		1033217		
		Zoology	Paper: Cytology		1113213	2+2	
			Practical: Laboratory Exercise on Cytology		1113214		
		Mathematics	Paper: Vector Spaces		1053213	2+2	
			Practical: PM-3B Vector Spaces		1053214		
Vertical 3	Open Elective	Open Elective I.				2+2	4
OE 2. ग्रंथपरीक्षण : संकल्पना व प्रत्यक्ष लेखन				1383311			
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC (Vocational Skill Course)	---	---	----	---	2
		SEC Skill Enhancement Course	Chemistry	Synthesis of Nanoparticles	1143414	2	
			Physics	Battery and Inverter Testing and Maintenance	1033413		
			Zoology	Nature Educator	1113414		
Vertical 5	AEC (Ability Enhancement Course)		AEC (Marathi) भाषिक कौशल्याचे उपयोजन - २		2513515	2	2
	VEC (Value Education Course)		----			---	
	IKS (Indian Knowledge System)		----			---	
Vertical 6	OJT/FP/ CEP/RP		Field Project (FP)		2523625	2	4
	NSS or NCC or Sports or Cultural or Extension Work		National Service Scheme (Study of Indian Social Reformers)		2523620	2	
Total Credit for Semester-III							22

NEP Credit distribution Structure under Scheme-III for S.Y.B.Sc.

Subject Selection Chart for Semester-IV

Verticals	Description	Subject			Code	Credits	Total Credits
Vertical 1	Major	Chemistry	Paper I: S3MJ5: Progressive Physical and Analytical Chemistry II		1144111	2+2+2	6
			Paper II: Theory S3MJ6: Progressive Inorganic and Organic Chemistry II		1144112		
			Practical: S3MJCHP4: Chemistry Practical 4		1144115		
		Physics	Paper I: Introduction to Quantum Mechanics and Modern Physics		1034111	2+2+2	
			Paper-II: Advanced Electronics-I		1034112		
			Practical: Physics Major Practical Course MJP- IV		1034115		
		Zoology	Paper I: Genetics		1114111	2+2+2	
			Paper II: Molecular Biology		1114113		
			Practical: Laboratory Exerciseson Genetics and Molecular Biology		1114115		
Vertical 2	Minor	Chemistry	Paper: General Principles of Chemistry II		1144211	2+2	4
			Practical: Practical in General Principles of Chemistry II		1144212		
		Physics	Paper: Sound		1034214	2+2	
			Practical: Physics Minor Practical Course USPHMNP2		1034216		
		Zoology	Paper: Genetics and heredity		1114213	2+2	
			Practical: Laboratory Exercise on Genetics and heredity		1114216		
		Mathematics	Paper: Linear Algebra		1054213	2+2	
			Practical: PM-4B Linear Algebra		1054214		
Vertical 3	Open Elective	Open Elective 1				2+2	4
		OE 2. मराठीचा शब्दसंग्रह आणि उपयोजन			1384311		
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC (Vocational Skill Course)	Chem.	Water and Soil Analysis	1144412	2	2
			Phys.	Computer Maintenance	1034412		
			Zoo.	Dairy Science	1114414		
		SEC Skill Enhancement Course	---	-----		---	
Vertical 5	AEC (Ability Enhancement Course)		Introduction to Communication Skill in English-II		2514511	2	2
	VEC (Value Education Course)		----			---	
	IKS (Indian Knowledge System)		----			---	
Vertical 6	OJT/FP/ CEP/RP		CEP		2524630	2	4
	NSS or NCC or Sports or Cultural or Extension Work		National Service Scheme (Youth and Disaster Management)		2524611	2	
Total Credit for Semester-IV							22



NEP Credit distribution Structure under Scheme-I for S.Y.B.Sc(Comp. Sci.)

Subject Selection Chart for Semester-III

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	Principles of Operating Systems		1103111	2+2+2+2	8
		Theory of Computation		1103112		
		Data Structures		1103113		
		Computer Science Practical 3		1103114		
Vertical 2	Minor	Python for Data Sciencē		1043211	2+2	4
		Scala for Data Science		1043212		
Vertical 3	Open Elec- tive	Open Elective (OE)			2	2
Vertical 4	VSEC (Voca- tional Skill Enhancement Courses	VSC Vocational Skill Course	Java Programming	1103411	2	2
		SEC Skill Enhancement Course	-----		---	
Vertical 5	AEC (Ability Enhancement Course)		AEC (Marathi) भाषिक कौशल्याचे उपयोजन - २	2513515	2	2
	VEC (Value Education Course)		-----		---	
	IKS (Indian Knowledge System)		-----		---	
Vertical 6	OJT/FP/ CEP/RP		Field Project	2523625	2	4
	NSS or NCC or Sports or Cultural or Extension Work		National Service Scheme (Study of Indian Social Reformers)	2523620	2	
Total Credit for Semester-III						22



NEP Credit distribution Structure under Scheme–I for S.Y.B.Sc(Comp. Sci.)

Subject Selection Chart for Semester-IV

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	Computer Networks		1104111	2+2+2+2	8
		Software Engineering		1104112		
		IoT Technologies		1104113		
		Computer Science Practical 4		1104114		
Vertical 2	Minor	Advance Python for Data Science		1044211	2+2	4
		Data Analysis with SAS / SPSS /R		1044212		
Vertical 3	Open Elec- tive	Open Elective (OE)			2	2
Vertical 4	VSEC (Voca- tional Skill Enhancement Courses	VSC Vocational Skill Course	----		---	2
		SEC Skill Enhancement Course (Any one from basket)	Mobile Application Develop- ment OR MEAN Stack Development	1104411 1104412	2	
Vertical 5	AEC (Ability Enhancement Course)		Introduction to Communica Communication in English-II	2514511	2	2
	VEC (Value Education Course)		-----		---	
	IKS (Indian Knowledge System)		-----		---	
Vertical 6	OJT/FP/ CEP/RP		CEP	2524630	2	4
	NSS or NCC or Sports or Cultural or Extension Work		National Service Scheme (Youth and Disaster Management)	2524611	2	
Total Credit for Semester-IV						22



NEP Credit distribution Structure under Scheme-I for S.Y.B.Sc.(IT)

Subject Selection Chart for Semester-III

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	Python Programming		1013111	2+2+2+2	8
		Data Structures		1013112		
		Operating Systems		1013113		
		Major Practical 3		1013114		
Vertical 2	Minor	Python for Data Science		1043211	2+2	4
		Scala for Data Science		1043212		
Vertical 3	Open Elec- tive	Open Elective (OE)			2	2
Vertical 4	VSEC (Voca- tional Skill Enhancement Courses	VSC Vocational Skill Course	Applied Mathematics	1013411	2	2
		SEC Skill Enhancement Course	-----		---	
Vertical 5	AEC (Ability Enhancement Course)		AEC (Marathi) भाषिक कौशल्याचे उपयोजन - २	2513515	2	2
	VEC (Value Education Course)		-----		---	
	IKS (Indian Knowledge System)		-----		---	
Vertical 6	OJT/FP/ CEP/RP		Field Project	2523625	2	4
	NSS or NCC or Sports or Cultural or Extension Work		National Service Scheme (Study of Indian Social Reformers)	2523620	2	
Total Credit for Semester-III						22



NEP Credit distribution Structure under Scheme-I for S.Y.B.Sc.(IT)

Subject Selection Chart for Semester-IV

Verticals	Description	Subject		Code	Credits	Total Credits
Vertical 1	Major	Core Java		1014111	2+2+2+2	8
		Software Engineering		1014112		
		Computer Networks		1014113		
		Major Practical 4		1014114		
Vertical 2	Minor	Advance Python for Data Science		1044211	2+2	4
		Data Analysis with SAS / SPSS /R		1044212		
Vertical 3	Open Elec- tive	Open Elective (OE)			2	2
Vertical 4	VSEC (Voca- tional Skill Enhancement Courses	VSC Vocational Skill Course	----		---	2
		SEC Skill Enhancement Course (Any one from basket)	Computer Graphics	1014411	2	
Vertical 5	AEC (Ability Enhancement Course)		Introduction to Communica- tion in English-II	2514511	2	2
	VEC (Value Education Course)		-----		---	
	IKS (Indian Knowledge System)		-----		---	
Vertical 6	OJT/FP/ CEP/RP		CEP	2524630	2	4
	NSS or NCC or Sports or Cultural or Extension Work		National Service Scheme (Youth and Disaster Management)	2524611	2	
Total Credit for Semester-IV						22

NEP Credit distribution Structure under Scheme-III for T.Y.B.Sc. (Chemistry)
Tentative Subject Selection Chart for Semester-V

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Physical Chemistry + Analytical Chemistry		2+2+2+2 +2 = 10	14
			Analytical Chemistry + Inorganic Chemistry			
			Inorganic Chemistry + Organic Cehmistry			
			IKS – Ancient Indian Chemistry			
			Practicals in Chemistry			
		Elective	DD/Heavy and Fine Chemicals/ Petrochemicals		2	
			Practical based on DD/Heavy and Fine Chemicals/ Petrochemicals		2	
Vertical 2	Minor		Physics Subject OR Zoology Subject		2	2
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	Commercial Analysis of Water Samples		2	2
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		FP/CEP (To be selected from the topic list)		2	4
	CC		CC		2	
Total Credit for Semester-V						22

Tentative Subject Selection Chart for Semester-VI

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Physical Chemistry		2+2+2+2 +2+2+2=14	18
			Inorganic Chemistry			
			Organic Chemistry			
			Analytical Chemistry			
Vertical 1	Major	Mandatory	Physical + Inorganics Chemistry		2+2+2+2 +2+2+2=14	18
			Analytical + Organic Chemistry			
			Inorganic + Organic Chemistry			
Vertical 1	Major	Elective	DD/Heavy and Fine Chemicals/ Petrochemicals		2	18
			Practical based on DD/Heavy and Fine Chemicals/ Petrochemicals		2	
Vertical 2	Minor		-----		-----	-----
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	-----		-----	-----
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		OJT		4	4
	CC		-----		-----	
Total Credit for Semester-VI						22

NEP Credit distribution Structure under Scheme-III for T.Y.B.Sc. (Physics)

Tentative Subject Selection Chart for Semester-V

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Thermal & Statistical Physics		2+2+2+2+2 = 10	14
			Solid State Physics			
			Atomic & Molecular Physics			
			Physics Major Practical 7			
			Physics Major Practical 8			
		Elective	Electronic Instrumentation –I OR Microcontrollers OR Numerical Techniques - I		2 + 2 = 4	
			Practical of Elective-I			
Vertical 2	Minor		Mathematics Subject OR Chemistry Subject		2	2
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	Study of Solar Panel and its Installation		2	2
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		FP/CEP		2	4
	CC		CC		2	
Total Credit for Semester-V						22

Tentative Subject Selection Chart for Semester-VI

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Mandatory Subjects offered by BoS		14	18
		Elective	Elective Subjects offered by BoS		4	
Vertical 2	Minor		-----		-----	-----
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	-----		-----	-----
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		OJT		4	4
	CC		-----		-----	
Total Credit for Semester-VI						22

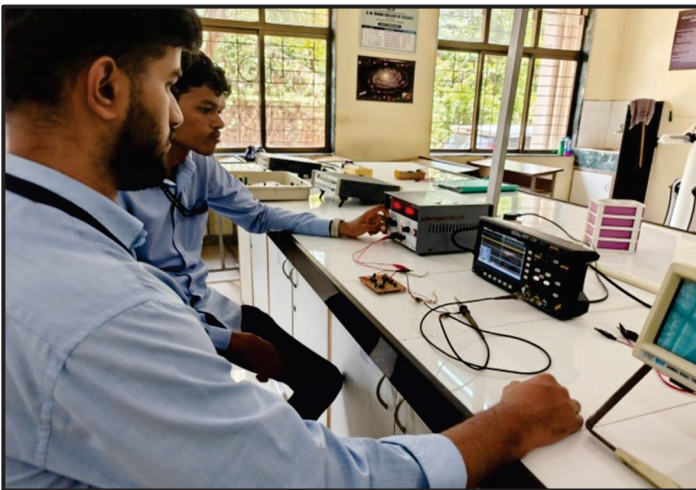
A TOUR OF THE COLLEGE



Chemistry Laboratory



Zoology Laboratory



Physics Laboratory



IT & CS Laboratory



**Knowledge Resource Center
(College Library)**



Research Laboratory

ANNUAL GATHERING EVENTS



Girls Hostel



Boys Hostel



Cricket Play Ground



Staff Quarters



Canteen



Basketball Court



Volleyball Court



Tennis Court

ACTIVITIES BY DEPARTMENT OF CHEMISTRY



Participation in International Conference



Guest lecture on How to use Origin

ACTIVITIES BY DEPARTMENT OF ZOOLOGY



Mahavistar App Installation Program



Visit to Mandad Aquaculture Fisheries Ltd



Seedball making workshop



Visit to Pathology Lab

ACTIVITIES BY DEPARTMENT OF IT & COMP. SCI



TECHNOVA



Students selection in placement drive organized by Placement Cell in collaboration with ExcelR

ACTIVITIES BY DLLE & NSS



International Yoga Day



Tree Plantation Drive



Blood Donation Camp



NSS Special Residential Camp Activities

ACTIVITIES BY DLLE & NSS



UDAAN- The Flight of Extension Festival -2025-26



Swachata Abhiyan at Bazar Peth, Tala



Blood donation camp

ACTIVITIES OF THE COLLEGE



ANNUAL GATHERING EVENTS



ANNUAL SPORTS COMPETITIONS AT THE COLLEGE



Cricket



Carrom



Kabaddi



Kho-Kho

ACTIVITIES OF THE COLLEGE



Book Exhibition Inauguration



Reading Inspiration Day



Welcome Function



Participation in Youth Festival



International Women's Day



Shivaji Maharaj Jayanti

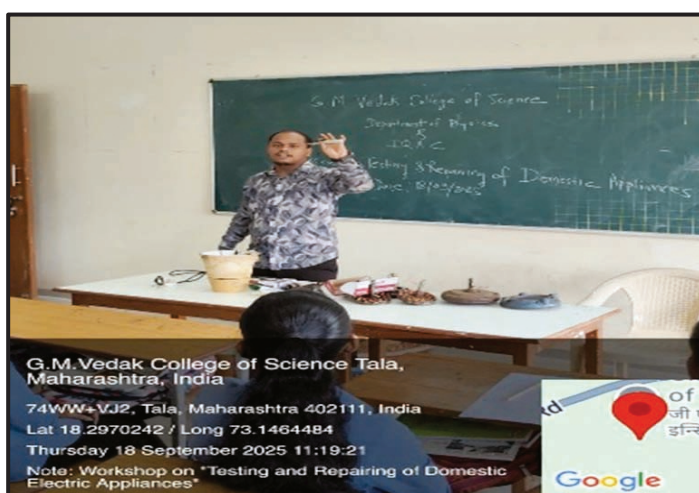
ACTIVITIES BY DEPARTMENT OF PHYSICS



Guest lecture on Career in Semiconductor Industry



Sky Gazing program at Vashi Haveli



Workshop on Rpairing of domestic Electronic Appliances



Guest lecture on Quantum Physics on Nanostructures

ACTIVITIES BY DEPARTMENT OF CHEMISTRY



Workshop on Food Adulteration



Science Day Celebration



NEP Credit distribution Structure under Scheme–III for T.Y.B.Sc. (Zoology)

Tentative Subject Selection Chart for Semester-V

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Non-Chordates Taxonomy		2+2+2+2+2 = 10	14
			Haematology and Immunology			
			Zoology IKS			
			Practical based on Non-Chordates Taxonomy			
			Practical based on Haematology and Immunology			
		Elective	Elective Subjects		2	
Vertical 2	Minor		Chemistry Subject OR Physics Subject		2	2
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	Aqua Culture OR Sericulture OR Environmental Audit		2	2
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		FP/CEP		2	4
	CC		CC		2	
Total Credit for Semester-V						22

Tentative Subject Selection Chart for Semester-VI

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Mandatory Subjects offered by BoS		14	18
		Elective	Elective Subjects offered by BoS		4	
Vertical 2	Minor		-----		-----	-----
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	-----		-----	-----
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		OJT		4	4
	CC		-----		-----	
Total Credit for Semester-VI						22



NEP Credit distribution Structure under Scheme-I for T.Y.B.Sc. (Comp.Sci)

Tentative Subject Selection Chart for Semester-V

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Artificial Intelligence		2+2+2+2+ +2 = 10	14
			Cyber & Information Security			
			Moral & Ehtical AI			
			Computer Science Practical 5			
			Mini Project – I			
		Elective	Software Testing & Quality Assurance OR Wireless & Sensor Networks		2 + 2 = 4	
			Software Testing & Quality Assurance Practical OR Wireless & Sensor Networks Practical			
Vertical 2	Minor		Minor subject from the basket provided by university		4	4
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	Ethical Haking		2	2
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		FP/CEP		2	2
	CC		-----		-----	
Total Credit for Semester-V						22

Tentative Subject Selection Chart for Semester-VI

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Data Science		2+2+2+2+ +2 = 10	14
			Cloud Computing			
			Software Project Management			
			Computer Science Practical 6			
			Mini Project – II			
		Elective	Information Retrieval OR Linux Server Administration		2 + 2 = 4	
			Information Retrieval Practical OR Linux Server Administration Practical			
Vertical 2	Minor		Minor subject from the basket provided by university		4	4
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	-----		-----	-----
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		OJT		4	4
	CC		-----		-----	
Total Credit for Semester-V						22



NEP Credit distribution Structure under Scheme-I for T.Y.B.Sc. (IT)

Tentative Subject Selection Chart for Semester-V

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Advanced Web Programming		2+2+2+2+ +2 = 10	14
			Advanced Web Programming Practical			
			Business Intelligence			
			Business Intelligence Practical			
			Software Project Management			
		Elective	Linux Administration OR EARN OR Enterprise Java		2 + 2 = 4	
			Linux Administration Practical OR EARN Practical OR Enterprise Java Practical			
Vertical 2	Minor		Minor subject from the basket provided by university		4	4
Vertical 3	Open Elective		----		----	----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	Advanced Mobile Programming		2	2
		SEC	-----		----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		FP: Project Dissertation		2	2
	CC		-----		-----	
Total Credit for Semester-V						22

Tentative Subject Selection Chart for Semester-VI

Verticals	Description		Subject		Credits	Total Credits
Vertical 1	Major	Mandatory	Security in Computing		2+2+2+2+ +2 = 10	14
			Security in Computing Practical			
			AI and ML			
			AI and ML Practical			
			Software Quality Assurance			
		Elective	Enterprise Networking OR Principles of GIS		2 + 2 = 4	
			Enterprise Networking Practical OR Principles of GIS Practical			
Vertical 2	Minor		Minor subject from the basket provided by university		4	4
Vertical 3	Open Elective		-----		-----	-----
Vertical 4	VSEC (Vocational Skill Enhancement Courses)	VSC	-----		-----	-----
		SEC	-----		-----	
Vertical 5	AEC (Ability Enhancement Course)		-----		-----	-----
	VEC (Value Education Course)		-----		-----	
	IKS (Indian Knowledge System)		-----		-----	
Vertical 6	OJT/FP/ CEP/RP		OJT: Project Implementation		4	4
	CC		-----		-----	
Total Credit for Semester-V						22

M.Sc. Part- I (Organic Chemistry)

Year	Level	Sem	Major				RM	OJT/FP	RP	Cum. Cr.	Degree
			Mandatory			Electives					
1	6.0	SemI	3 × 4 +2= 14			4	4	--	--	22	PG Diploma (after 3 Years Degree)
			Inorganic Chemistry-I (CHEM 502)	TH	4	Credits 4 (2+2) Course 1 : Physical Chemistry-I + Chemistry Practicals (Physical Chemistry and Inorganic Chemistry) (CHEM 50111) (OR) Credits 4 (2+2) Course 2 : Physical Chemistry-II + Chemistry Practicals (Physical Chemistry and Inorganic Chemistry) (CHEM 50112)	Research Methodology (CHEM 506)				
			Organic Chemistry-I (CHEM 503)	TH	4						
			Analytical Chemistry-I (CHEM 505)	TH	4						
			Chemistry Practical-I (Organic Chemistry and Analytical Chemistry) (PRCHEMOA504)	PR	2						
		SemII	3 4+2= 14			4	--	4 CHEM 512	--	22	
			Inorganic Chemistry-II (CHEM 508)	TH	4	Credits 4 (2+2) Course 1 : Physical Chemistry-III + Chemistry Practicals (Physical Chemistryand Inorganic Chemistry) (CHEM 50711) (OR) Credits 4 (2+2) Course 2 : Physical Chemistry-IV + Chemistry Practicals (Physical Chemistryand Inorganic Chemistry) (CHEM 50712)					
			Organic Chemistry -II (CHEM 509)	TH	4						
			Analytical Chemistry -II (CHEM 510)	TH	4						
			Chemistry Practical-II (Organic Chemistry and Analytical Chemistry) (PRCHEMOA 511)	PR	2						
Cum. Cr. For PG Diploma		28			8	4	4		44		
Exit Option: PG Diploma (44 credits) after Three Year UG Degree											



M.Sc. Part– II (Organic Chemistry)

Year	Level	Sem	Major				RM	OJT/ FP	RP	Cum. Cr.	Degree
			Mandatory			Electives					
2	6.5	Sem III				4	--	--	4 (CHEM 646)	22	PG Degree after 3-yr UG or PG Degree after 4-yr UG
			Paper I (Theoretical Organic Chemistry-I) (CHEM 641)	TH	4	Paper IV (Medicinal Chemistry) + Practical (CHEM 64511) OR Paper IV (Biogenesis and Green Chemistry)+ Practical (CHEM 64511) OR Advanced Topics in Organic Chemistry-I (CHEM 64513)					
			Paper-II (Synthetic Organic Chemistry-I) (CHEM 642)	TH	4						
			Paper-III (Natural Products and Spectroscopy-I) (CHEM 643)	TH	4						
			Organic Chemistry Practical (CHEM 644)	PR	2						
		Sem IV	3*4=12			4	--	--	6 (CHEM 651)	22	
			Paper I (Theoretical Organic Chemistry-II) (CHEM 647)	TH	4	Paper IV (Natural products and heterocyclic chemistry-II) (CHEM 65011) OR Advanced Topics in Organic Chemistry-II (CHEM 65012)					
			Paper-II (Synthetic Organic Chemistry-II) (CHEM 648)	TH	4						
			Paper-III (Bio Organic Chemistry) (CHEM 649)	PR	4						
		Cum. Cr. For 1 Yr PG Degree			26			8			
Cum. Cr. For 2 Yr PG Degree			54			16	4	4	10	88	



M.Sc. Part-I (Information Technology)

Year	Level	Sem	Major			RM	OJT/ FP	RP	Cum. Cr.	Degree	
			Mandatory		Electives						
1	6.0	Sem I				4	4	Research Methodolo gy (510)	--	22	PG Diploma (after 3 Years Degree)
			Data Science (501)	TH	4	Security Breaches and Countermeasures (506a) (PR) (OR) Data Center Technologies (506b) (OR) Image Processing (506c)					
			Data Science Practical (502)	PR	2						
			Soft Computing Techniques (503)	TH	4						
			Soft Computing Techniques Practical (504)	PR	2						
			Cloud Computing (505)	TH	2						
		SemII				4	-	(517)4	-	22	
			Big Data Analytics (511)	TH	4	Malware Analysis (PR) (516a) (OR) Cloud Management (PR) (516b) (OR) Computer Vision (PR) (516c)					
			Big Data Analytics Practical (512)	PR	2						
			Modern Networking (513)	TH	4						
			Modern Networking Practical (514)	PR	2						
			Microservices Architecture (515)	TH	2						
Cum. Cr. For PG Diploma			28		8	4	4		44		
Exit Option: PG Diploma (44 credits) after Three Year UG Degree											



M.Sc. Part-II (Information Technology)

Year	Level	Sem	Major				RM	OJT/ FP	RP	Cum. Cr.	Degree
			Mandatory			Electives					
2	6.5	Sem III				4	--	--	(607)4	22	PG Degree after 3-yr UG or PG Degree after 4-yr UG
			Advanced AI (601)	TH	4	Natural Language Processing (606a) (OR) Security Operations Center (PR) (606b) (OR) Server Virtualization on VMWare Platform (PR) (606c)					
			Advanced AI Practical (602)	PR	2						
			Machine Learning (603)	TH	4						
			Machine Learning Practical (604)	PR	2						
			Storage as a Service (605)	TH	2						
		Sem IV				4	--	--	(616)6	22	
			Blockchain (611)	TH	4	Robotic Process Automation (PR) (615a) (OR) Cyber Forensics (PR) (615b) (OR) Advanced IoT (PR) (615c)					
			Blockchain Practical (612)	PR	2						
			Deep Learning (613)	TH	4						
			Deep Learning Practical (614)	PR	2						
Cum. Cr. For 1 Yr PG Degree			26			8			10	44	
Cum. Cr. For 2 Yr PG Degree			54			16	4	4	10	88	



Documents Required for Admission

F.Y.B.Sc. / F.Y.B.Sc. (I.T.) / F.Y.B.Sc. (Comp. Sci.)

- Duly filled prescribed Application Form.
- Duly filled Enrollment and Registration form of University.
- S.S.C. Mark list (Original + 2 attested Xerox copies).
- H.S.C. Mark list (Original + 2 attested Xerox copies).
- School Leaving Certificate (Original + 2 attested Xerox copies).
- Two passport size photographs with name + class.
- H.S.C. Boards letter (if H.S.C. mark list is duplicate)
- Aadhar card -2 copies

S.Y.B.Sc/S.Y.B.Sc (I.T.)/S.Y.B.Sc (Comp. Sci.) & T.Y.B.Sc/T.Y.B.Sc (I.T.)/T.Y.B.Sc (Comp. Sci.)

- Duly filled prescribed application form.
- Mark list of last Two years examination with 2 Photo copies of each
- Aadhar card (3 Photo copies.)
- Two passport size photographs with name and class on back side
- If required Migration Certificate of Other Universities Original + 2 Photo copies

M.Sc. Part – I

- Duly filled prescribed application form.
- Mark list of last Three years examination with 2 Photo copies of each
- Aadhar card (3 Photo copies.)
- Two passport size photographs with name and class on back side
- Leaving / Transfer Certificate of last College.
- If required Migration Certificate of Other Universities Original + 2 Photo copies

M.Sc. Part – II

- Duly filled prescribed application form.
- Mark list of M.Sc. Part-I, 2 Photo copies of each
- Mark list of last Three years examination with 2 Photo copies of each
- Aadhar card (3 Photo copies.)
- Two passport size photographs with name and class on back side
- If required Migration Certificate of Other Universities Original + 2 Photo copies

For students of SC / ST/ NT/ VJ / OBC / SBC

- Offline Scholarship Form
- Caste Certificate (Original + 3 attested photo copies)
- Income Certificate by Tehsil Office (Original + 3 attested photo copies)
- Non-Creamy Layer (Original + 3 attested photo copies) (Only for OBC / NT / JV / SBC)
- Bank of India Saving Account Pass Book + 2 photo copies
- Document required for admissions with name and class on back side.

NOTE: Students coming from other than Mumbai University has to produce original Migration certificate plus one xerox copy.



Rules, Discipline & Code of Conduct for students

(A) Discipline

1. The student must observe and strictly follow the disciplinary rules and regulations of the institute.
2. The student should follow the Academic Calendar as per the instructions of the Principal.
3. Any act of indiscipline or misbehavior by any student will attract severe punishment.
4. Damage to institute and campus property due to negligence/lack of care would attract punishment and compensation for loss caused.
5. Students shall only use the waste bins for disposing waste materials in classrooms and offices to make the College campus free from plastic and other litter.
6. Students have to park their two wheelers in the parking zone only. Any student found breaking the rule will be punished.
7. No person shall be invited to address or entertain the students of the College, without the prior written permission of College authorities.
8. Students are prohibited from indulging in anti-institutional, anti-national, anti-social, communal, immoral or political expressions and activities within the campus and hostels.
9. Disciplinary action will be initiated against students indulging into eve teasing, molestation, ragging, harassment, bullying and untoward incidents.
10. All educational tours or industrial visits shall be accompanied by the faculty members after obtaining necessary undertaking from the parents / guardian of the students' and with the written consent of the Management.
11. Unauthorized entry of outsiders into the campus as well as hostels is strictly prohibited. Without specific permission of the authorities, students shall not bring outsiders into the College.

(B) I-Card

1. I-Card will be available a week after he / she produces his / her identity card size photographs along with admission receipt.
2. The student should collect his/ her I- Card within 15 days from the date of admission
3. Every student must carry with him / her College I-card every day while attending lectures and appearing for various examinations. The student should take his / her identity card and library card for home lending, from the library at the beginning of the year.
4. The student should carry identity card with him / her regularly and the identity card should be produced when demanded by the authorized persons of the Institute.
5. At the time of issuing a book, the identity card must be presented along with the library card. Without I- Card the reader may be refused the use of the home lending facility.
6. If student has lost library card or I-card, it should be reported immediately to the coordinator /HOD and the librarian with an application

(C) Human Values

We expect students to be scrupulously honest in all academic activities and with all the stakeholders of the institute. Be attentive, fair and cooperative to teachers and peers on various academic and non- academic activities. Reach out to everyone in need. The various forms of misconducts, students should refrain from include but not limited to be:

1. Any act of discrimination (physical or verbal) based on an individual's gender identity, caste, race, religion or religious beliefs, colour, region, language, disability, marital or family status, physical or mental disability.
2. Intentionally damaging or destroying institute's property or property of other students and / or Faculty members and Support staff.
3. Any disruptive activity in a class room or in an event sponsored by the College.
4. Students are expected not to interact, on behalf of the Institution, with media representatives or invite media persons on to the campus without the permission of the institute authorities.
5. Students are not permitted to do recording of either audio or video of the lectures delivered in class rooms, actions of other students, faculty or staff without prior permission.
6. Students are not permitted to provide audio and video clippings of any activity on the campus to print and/or electronic media without prior permission.
7. Students are expected to be careful and responsible and exercise restraints while using social media. They should desist from posting derogatory comments about other individuals of the Institute and refrain from indulging in such other related activities having grave ramifications on the reputation of the institute.
8. Stealing or damaging of Institution's computers and /or other ICT instruments and Institution's services are not allowed. Unauthorized entry, tampering of property or facilities of private residences of teaching / support staff, offices, classrooms, LAN connectivity and other restricted facilities and interference with the work of others is punishable.
9. Causing damage to or destruction of any property of the College, or any property of others on the Institution premises would invite punishment.



10. Making video / audio recording, taking photographs, or streaming audio/video of any person in a location causing thoroughfare into the person's privacy without his/her knowledge or consent, is punishable. If there is a case against a student for any possible breach of the mentioned codes of conduct, then a committee will be formed, which shall inquire into the alleged violation and accordingly recommend suitable disciplinary action against the said student. The committee may give a hearing to the student to ascertain the misconduct and suggest one or more disciplinary actions based on the nature of misconduct.

(D) Dress Code

1. Dress code for boys-caps, half pants, Bermudas, sleeveless T-shirts and three-fourth pants are not allowed. They should follow the dress code prepared by the institution.
2. Dress code for girls- caps, half pants, Bermudas, skin tight dresses, short dresses or short skirts, sleeveless, short tops, pedal pushers and three fourth pants are not allowed. They should follow the dress code prepared by the institution.

(E) Mobile Phones

1. Students should switch off their mobile phones while in the Classroom, Laboratory, Library or any other location that has been notified.
2. Use of the mobile phone is strictly prohibited in the exam hall during exams. The College will not be responsible for loss or theft of bags, wallets, mobiles, I-pads, laptops or other such devices or any valuables. If students bring them to College, it is at their own risk.

(F) Ragging

Ragging within or outside of any educational Institution is prohibited as per the Maharashtra Prohibition of Ragging, Act 1999. "Ragging" means display of disorderly conduct, doing of any act, which causes or is likely to cause physical or psychological harm or raise apprehension or fear or shame or embarrassment to a student in any Educational Institution and includes—

- a. Teasing, abusing, threatening or playing practical jokes on, or causing hurt to, such student; OR
 - b. Asking a student to do any act or perform something, which such student will not, in the ordinary course, willingly, do. Action will be taken against students indulging or abetting Ragging as per the directions of the Supreme Court of India and Maharashtra Act No XXXIII of 1999 The Maharashtra Prohibition of Ragging Act, 1999. 2 (As modified up to the 29th August 2012)
1. Cancellation of admission and also debarred from taking admission in any Institution in India.
 2. Suspension from attending classes.
 3. Withholding/Withdrawing scholarship / fellowship and other benefits.
 4. Debarred from appearing in any test/examination or other evaluation process.
 5. Withholding results.
 6. Debarred from representing the Institution in any regional, national or international meet, tournament, and youth festival.
 7. Suspension / expulsion from the Institution.
 8. Collective punishment if larger numbers of students are involved in the act of ragging.
 9. An FIR filed without any exception with local police station.
 10. Whenever any student or, as the case may be, the parent or guardian, or a Teacher of an educational Institution complains, in writing, of ragging to the head of the educational Institution, the head of that educational Institution shall, without prejudice to the foregoing provisions, within seven days of the receipt of the complaint, enquire into the matter mentioned in the complaint and if, prima facie, it is found true, suspend the student who is accused of the offence, and shall, immediately forward the complaint to the Police Station having jurisdiction over the area in which the educational Institution is situated, for further action.

(G) Attendance

Attendance norms for students to follow. Attendance for Learners as Per Ordinance 6086 of University of Mumbai (For students' reference)

1. Every Bonafide learner shall ordinarily be allowed to keep terms for the given semester in a programme of his/her enrolment only if he/she fulfils at least 75% of the attendance taken as an average of the total number of lectures, practicals, tutorials, etc. wherein short and/or long excursions/field visits/study tours organized by the College and supervised by teachers as envisaged in the syllabus shall be credited to his/her attendance for the total number of periods which are otherwise delivered on the day/s. Further, it is mandatory for every learner to have minimum 50% attendance for each course and average attendance has to be 75%.



2. The same ratio shall be applied for computing the attendance of learners by crediting the number of periods which are missed while participating in an extracurricular/cocurricular activity/competition/camp/workshop/ convention/symposium/seminar, where the learner is officially representing the College/University/District/State /Country with the permission of the Principal wherein for the purpose of computing the average attendance the periods missed for what is envisaged here-in-above, shall be deemed to have been attended by the said learner.
3. The Principal/Director/Head of the concerned College/Institute/Department of the University shall be the competent authority to condone the absence of any learner further up to additional 25% if deemed fit and on recommendation of the Attendance Committee of the College/Institute/Department of the University wherein it is mandatory on the committee to do natural justice by giving a personal hearing to every learner falling short of minimum attendance for keeping terms and recommending case by case to the competent authority having verified the genuineness and gravity of the problem that justifies the learner to remain absent which generally shall be limited to his/her own sickness, sickness of parent, death of parent, supported by valid evidence, documentary or otherwise.

(H) Examination

Before the Examination

1. Forms:

- i. Students should adhere to schedules set out for filling forms, payment of fees and submission of required documents.
- ii. Forms will not be accepted on any day/date, other than the allotted day/dates.

2. Timetables:

- i. Examination timetables are displayed on notice boards and the College website at least one week to one month before the examination.
- ii. Students should check the College website and/or notice boards regularly for the most up- to-date timetables.

3. Timing and breaks:

- i. Students must be in the exam room at least 15 minutes before the designated start time. Students arriving more than 30 minutes late will not be permitted to sit for the examination.
- ii. Students arriving within the first 30 minutes of an examination will not receive any additional time to complete the examination.
- iii. Students are not allowed to leave the venue within the first hour and last 10 minutes of the examination.
- iv. Once any examinee has left the room, no further latecomers will be admitted to the examination.
- v. Students will not be permitted to return once they leave the room unless they have been accompanied by an invigilator/peon.
- vi. In case of emergency only one student will be permitted to leave the examination hall accompanied by a peon/invigilator.

4. What students should bring/is allowed in the examination hall:

Identity Card / Hall Ticket:

- i. ID Card and / hall ticket is compulsory. Students are obliged to provide valid proof of identity and registration such as a student ID card and hall ticket.
- ii. If a student cannot produce valid proof of ID, or if the invigilator has reasonable doubts regarding the student's identity, the student will be permitted to take the examination on the condition that a valid proof of ID will be presented to the examiner as soon as possible once the examination is completed.
- iii. A remark will be made on the examination paper and attendance sheet that the student did not have an ID card or hall ticket.
- iv. The student's examination will not be assessed until his/her identity has been verified.

Stationary:

- i. Students must ensure they have the appropriate stationary for each examination. The College is not responsible for the provision of pens, pencils, rulers etc.
- ii. Stationary must be in a clear pencil case or bag.
- iii. Students must bring their own calculator to the examination, where its use is permitted. The College does not supply calculators for examinations.
 - o Calculators that incorporate an alphabetic input are not permitted.
 - o Calculators must not be pre-programmed and the memory must be clear.
 - o Sharing of calculators is not permitted.
 - o Students are not permitted to use their mobile phone as a calculator.
 - o Possession of mobile phones will be treated as unfair means.



5. What students should not bring/is not allowed in the examination hall:

- i. Mobile phones / books / bags / cell phones are not allowed in the examination hall.
- ii. Students may only bring a clear bottle of water to the examination.
- iii. Food/snacks are not permitted, unless students have a specific medical condition which has been certified by a medical practitioner.
- iv. Writing boards are not permitted.

During the Examination General rules:

- i. Students must leave their bags, personal items, including books and cell phones (switched off) in the area designated by the invigilator. The College (office and invigilators) does not take any responsibility for loss or damage of items carried by students to the examination.
- ii. Students should take their respective seats 10 minutes before the start of the examination.
- iii. Any type of piece of paper near the student's seat or below the desk must be removed by the student before start of the examination.
- iv. Talking will not be allowed in the examination hall. In case the student does not co-operate the student will be expelled from the examination hall.
- v. All students must follow the instructions issued by the invigilator.
 - o The invigilator will follow the bells specific to the examination and announce commencement and completion of the examination. The invigilator will also announce the last 10 minutes of the examination.
 - o Students must read all instructions on the answer booklets before the start of the examination and instructions on the question paper at the start of the examination.
 - o Students should fill in the details required on the answer sheet. They should ensure that they write their seat number correctly and clearly on the answer book and the attendance sheet.
 - o They should also enter the correct date, programme, course title and sign the answer booklet.
 - o Students should ensure that they sign the attendance sheet.
 - o Students should not get up from their seats and are only permitted to communicate with the invigilator, if absolutely necessary by means of raising their hand.
 - o If students wish to leave the examination before the specified finish time, they must raise their hand and wait until the invigilator has collected their examination paper.
 - o Students should return all unused stationery to the invigilator before/whilst submitting the paper.
 - o Students should not share any stationery with other students.
 - o Students are not allowed to write, highlight, underline or make notes on blank answer booklets before the examination or on the question paper unless otherwise stated.

Examination misconduct and unfair means:

Misconduct and use of unfair means in examinations includes but is not limited to the following:

- i. All verbal and non-verbal communication between students.
- ii. All verbal and non-verbal and electronic communication between the student and anyone else.
- iii. Copying from another student.
- iv. Introducing any written or printed materials into the examination. Using any electronically stored information.
- vi. Possession of hand-written /printed /photocopied material.
- vii. Any matter pertaining to the examination written on the person's body or apparel.
- viii. Any matter pertaining to the examination written on the desk or bench of the concerned student.
- ix. Possession of mobile phones, smart watches or any other electronic devices.
- x. Matter written on rulers, erasers, calculators, pencil cases, hall tickets, question papers etc.
- xi. Tearing pages from the answer booklet or supplement.
- xii. Exchange of pens / pencils / drawing instruments / calculators, data tables, question papers, supplements etc. without permission of the invigilator.

Any action by a student, who is in breach of these regulations, will be subject to disciplinary action as per Ordinance 5050 of University of Mumbai. In cases of malpractice, the junior and senior supervisor will fill in the report in the given format detailing the circumstances. Student's misbehavior with faculty members will be reported to Principal. Any written/printed matter recovered from the candidate should be signed by the candidate with the date.

At the end of the Examination

- i. It is the responsibility of the student to ensure the front cover of the answer book is complete in all respects. They should also ensure that the invigilator has signed their answer booklets and supplements.



- ii. All supplements / any loose sheets (e.g., maps) should be tied with main answer booklet unless instructed otherwise. All supplements and loose sheets even if blank should have the student's seat number written on it.
- iii. All students must remain in their seats and not talk until their papers have been collected and they are formally dismissed by the invigilator.
- iv. Students must leave the examination room quietly.

(I) Academic Integrity

Academic integrity is essential for the success of an Institution and its research missions as well, and hence its violation constitutes a serious offence. The policy on Academic Integrity forms an integral part of the Code, which applies to all students of the Institution to which they should adhere. Failure to uphold these principles threatens both the reputation of the Institution and the value of the degrees awarded to its students. Every pupil of the Institution should feel responsible to ensure the highest standards of academic integrity. The Principles of Academic Integrity require that a student should:

1. Properly acknowledges and cites use of the ideas, results, material or words of others.
2. Properly acknowledge all contributors to a given piece of work.
3. Make sure that all assignments in a course are submitted by his/her own.
4. Perform academic activities without the aid of impermissible materials or collaboration by obtaining all data or results by ethical means and reports them accurately without suppressing any results inconsistent with his/her interpretation or conclusions.
5. Have right to pursue their educational goals without interference

(J) Redressal of Grievances of Students

A complaint from an aggrieved student relating to a College shall be addressed to the Collegiate Student Grievance Redressal Committee (CSGRC). "Grievance" means, and includes, complaint(s) made by an aggrieved student in respect of the following, namely:

1. Admission contrary to merit determined in accordance with the declared admission policy of the Institution.
2. Irregularity in the process under the declared admission policy of the Institution.
3. Refusal to admit in accordance with the declared admission policy of the Institution.
4. Withholding of, or refusal to return, any document in the form of certificates of degree, diploma or any other award or other document deposited by a student for the purpose of seeking admission in such Institution, with a view to induce or compel such student to pay any fee or fees in respect of any course or programmes of study which such student does not intend to pursue.
5. Violation, by the Institution, of any law for the time being in force in regard to reservation of seats in admission to different category of students.
6. Delay by the Institution in the conduct of examinations, or declaration of results, beyond the schedule specified in the academic calendar of the Institution, or in such calendar prescribed by the Commission.
7. Non-transparent or unfair practices adopted by the Institution for the evaluation of students;
8. Delay in, or denial of, the refund of fees due to a student who withdraws admission within the time mentioned in the prospectus, or as may be notified by the Commission;
9. Complaints of alleged discrimination of students from the Scheduled Castes, the Scheduled Tribes, Other Backward Classes, Women, Minority or persons with disabilities.
10. Harassment or victimization of a student, other than cases of harassment, which are to be proceeded against under the penal provisions of any law for the time being in force.

Procedure for Redressal of Grievances by Student Grievance Redressal Committee:

1. On receipt of a complaint, the Institution shall refer the complaint to the appropriate Student Grievance Redressal Committee, along with its comments within 15 days of receipt of complaint on the online portal.
2. The Student Grievance Redressal Committee, as the case may be, shall fix a date for hearing the complaint which shall be communicated to the Institution and the aggrieved student.
3. An aggrieved student may appear either in person or authorize a representative to present the case.
4. In considering the grievances before it, the committee shall follow principles of natural justice.
5. The Committee shall send its report with recommendations, if any, to the Vice-Chancellor of the affiliating University and a copy thereof to the aggrieved student, within a period of 15 days from the date of receipt of the complaint.

(K) Gender Discrimination and Allied Harassment

The Institution's stand on prevention and prohibition of sexual harassment at workplace shall apply with due adjustments to the students of the Institute which can be accessed and reviewed by the students as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. The Institution has a zero-tolerance policy toward sexual harassment, and has a robust mechanism for redressal of issues related to sexual harassment. Students should note that sexual misconduct or harassment encompasses a range of conduct. 'Sexual Harassment' may be one or a series of incidents involving unsolicited and unwelcomed sexual advances, requests for sexual favours, or any other verbal or physical conduct of sexual nature and includes:



- i. Physical contact and advances;
- ii. A demand or request for sexual favours;
- iii. Sexually coloured remarks;
- iv. Showing pornography;
- v. Any other unwelcome physical, verbal or nonverbal conduct of sexual nature.
- vi. The following circumstances, amongst others, if it occurs or is present in relation or connected with any act or behavior of Sexual Harassment may amount to Sexual Harassment:
 - a. Implied or explicit promise of preferential or detrimental treatment in employment; or
 - b. Implied or explicit threat of detrimental treatment about present or future employment status; or
 - c. Interference with work or creating an intimidating or offensive or hostile work environment; or
 - d. Humiliating treatment likely to affect health or safety. Workplace includes all offices and Institutions and any social, official or other functions attended in the course of work, where the conduct or comments may have an adverse impact on the workplace or workplace relations.

Rules for Refund

The percentage of Fee for the Course shall be refunded to the candidate after deducting charges as per the circular D.O. No.F.2-71/2022 (CPP-II) (C-114546) dated 12th June 2024 / 22 ज्येष्ठ 1946 :

Category	Percentage of Refund of fees	Point of time when notice of with drawl of admission is received in the HEI
(1)	100%	15 days or more before the formally notified last date of admission
(2)	90%	Less than 15 days before the formally notified last date of admission
(3)	80%	15 days or less after the formally notified last date of admission
(4)	50%	30 days or less, but more than 15 days after the formally notified last date of admission
(5)	00%	More than 30 days after the formally notified last date of admission

University Exam Result

2023-24

Sr. No.	Class	Result
1	T.Y.B.Sc. (Chemistry)	69.12 %
2	T.Y.B.Sc. (Zoology)	75 %
3	T.Y.B.Sc.(Physics)	80 %
4	T.Y.B.Sc.(I.T.)	93.33 %
5	T.Y.B.Sc. (Com. Sci.)	100 %
6	M.Sc. (Organic Chem.)	93.18 %
7	M.Sc. (IT)	100 %

2024-25

Sr. No.	Class	Result
1	T.Y.B.Sc. (Chemistry)	86.44 %
2	T.Y.B.Sc. (Zoology)	62.50 %
3	T.Y.B.Sc.(Physics)	100 %
4	T.Y.B.Sc.(I.T.)	90.00 %
5	T.Y.B.Sc. (Com. Sci.)	66.67 %
6	M.Sc. (Organic Chem.)	58.33 %
7	M.Sc. (IT)	100 %

Work Schedule of the College

College Timing: 9.45 am – 05.00 pm

Office Timing: 10.00 am to 01.45 pm, 01.45 pm to 02.30 pm (Lunch Break), 02.30 pm to 05.00 pm

University of Mumbai Academic Year 2026-27 arrangement Terms:

The arrangement of terms for including all Degree and Master Degree Courses under the Science Stream will be displayed as and when notified by the University of Mumbai.



Teaching Faculty

Undergraduate Teachers

Sr. No	Name of the Teacher	Designation	Qualification	Type of Appointment	Teaching Experience
DEPARTMENT OF CHEMISTRY					
1	Dr. Sachin V. Bangale	I/C Principal	M.Sc., Ph.D.	Permanent	13 years
2	Mr. Jaydeep V. Deore	HOD, Chemistry	M.Sc., NET	Permanent	14years
3	Mr. Harshad R. Sonawane	Assistant Professor	M.Sc., NET	Permanent	12 years
4	Mr. Amol K. Nikam	Assistant Professor	M.Sc., NET	Permanent	9 years
5	Mr. Vijay. A. Tarate	Assistant Professor	M.Sc., SET	Permanent	3years
6	Mr. Sandip. R. Rathod	Assistant Professor	M.Sc., NET, SET	Permanent	3 years
7	Mr. Kaustubh P. Risbud	Assistant Professor	M.Sc., SET	Temporary	7years
8	Miss. Surbhi R. Thakur	Assistant Professor	M.Sc.	Temporary	2 years
9	Miss. Dhanashree G. Kamblekar	Assistant Professor	M.Sc.	Temporary	1- year
DEPARTMENT OF ZOOLOGY					
10	Dr. Shaheena S. Mirza	HOD, Zoology	M.Sc., B.Ed., Ph.D.	Permanent	13 years
11	Dr. Budharatna G. Bhaware	Assistant Professor	M.Sc., B.Ed., Ph.D.	Permanent	13 years
12	Dr. Sujeet V. Jamdar	Assistant Professor	M.Sc., Ph.D.	Permanent	13years
DEPARTMENT OF PHYSICS					
13	Dr. Vijay S. Raykar	HOD, Physics	M.Sc., Ph.D.	Permanent	13 years
14	Dr. Vivek A. Rane	Assistant Professor	M.Sc., Ph.D.	Permanent	13 years
15	Dr. Parshuram B. Abhange	Assistant Professor	M.Sc., Ph.D.	Permanent	9 years
16	Mr. Kiran D. Gawade	Assistant Professor	M.Sc., SET	Permanent	4 years
DEPARTMENT OF MATHEMATICS					
17	Dr. NasreenBano M. Shaikh	Assistant Professor	M.Sc., NET, Ph.D.	Permanent	9 years
DEPARTMENT OF INFORMATION TECHNOLOGY & COMPUTER SCIENCE					
18	Mrs. Manasvi M. Wadhawal	HOD, IT & CS	M.Sc. (Com. Sci.)	Temporary	15 years
19	Miss. Neeharika A. Adulkar	Assistant Professor	M.Sc. IT	Temporary	10 years
20	Mrs. Avni A. Amburle	Assistant Professor	M.Sc. IT	Temporary	4 years
21	Miss. Pallavi Bhat	Assistant Professor	M.Sc. IT	CHB	7 years
22	Miss. Farah S. Gothekar	Assistant Professor	M.Sc. IT	Temporary	2 years
23	Miss Riya G. Rajpurkar	Assistant Professor	M.C.A.	Temporary	1- year
24	Miss. Gauri. S. Vedpathak	Assistant Professor	M.Sc. IT	Temporary	1 year
25	Mr. M. R. Pathan	Assistant Professor	M.Sc. (Maths)	CHB	14 years
LIBRARY					
25	Mr. Shatrugan K. Dhavan	Librarian	M. Lib. NET	Permanent	--
CHB Staff for NEP					
26	Dr. M. Taufiq A. Baig	Assistant Professor	M.Com. Ph.D.	CHB	2 years
27	Mr. Vijay E. Chavan	Assistant Professor	M.A. SET	CHB	3 years
28	Mrs. Priti B. Bhaware	Assistant Professor	M.A.	CHB	2 years



Post-graduate Teachers

Sr. No.	Name of the Teacher	Designation	Qualification
DEPARTMENT OF CHEMISTRY			
1.	Mr. Jaydeep V. Deore	HOD, Chemistry	M.Sc., NET
2..	Mr. Harshad R. Sonawane	Coordinator M.Sc. Organic Chemistry	M.Sc., NET
3.	Ms. Surbhi R. Thakur	Assistant Professor	M.Sc.
4.	Mr. Kaustubh P. Risbud	Assistant Professor	M.Sc., SET
5.	Miss. Dhanashree G. Kamblekar	Assistant Professor	M.Sc.
DEPARTMENT OF ZOOLOGY			
11.	Dr. Shaheena S. Mirza	HOD, Zoology	M.Sc., B.Ed., Ph.D.
12.	Dr. Budharatna G. Bhaware	Assistant Professor	M.Sc. B.Ed., Ph.D.
DEPARTMENT OF INFORMATION TECHNOLOGY			
13.	Mrs. Manasvi M. Wadhawal	HOD, IT & CS	M.Sc. (Com. Sci.)
14.	Mrs. Avni A. Amburle	Coordinator, M.Sc. (I.T.) Assistant Professor	M.Sc. IT
15.	Miss. Neeharika A. Adulkar	Assistant Professor	M.Sc. IT
16.	Miss. Pallavi Bhat	Assistant Professor	M.Sc. IT

Research Guides

Sr. No.	Name of the Research Guide	University	No. of students registered for Ph.D.	Status
1.	Dr. Sachin V. Bangale	University of Mumbai	04	--
2.	Dr. Shaheena S. Mirza	University of Mumbai		--
3.	Dr. Budharatna G. Bhaware	University of Mumbai	01	--

Non-Teaching Faculty

Sr. No.	Name of the Staff	Designation	Qualification
ADMINISTRATIVE OFFICE STAFF			
1	Mr. Pranav P. Mekade	Head Clerk	M. Com
2	Mr. Nilesh M. Pandharkame	Sr. Clerk	B. Com
3	Mrs. Sujata R. Pawar	Jr. Clerk	M. Com
4	Mrs. Vaishali S. Fulare	Clerk	B. A.
5	Mr. Hemant G. Vedak	Peon	SSC
6	Mr. Pradeep P. Sapkal	Peon	B. Sc.
7	Mr. Mahendra R. Birwadkar	Peon	B.A.
8	Mr. Prashant G. Vedak	Library Attendant	SSC
LABORATORY STAFF			
9	Mr. Amol S. Rajpurkar	Laboratory Assistant	M. Sc.
10	Mrs. Anushka A. Rajpurkar	Laboratory Attendant	M. Sc.
11	Mr. Harshad D. Vedak	Laboratory Attendant	B. Sc.
12	Mr. Suresh M. Chavan	Laboratory Attendant	B. A.
13	Mr. Vishal P. Kharade	Laboratory Attendant	M. A.
14	Mr. Kiran K. Talkar	Laboratory Attendant	SSC
15	Mrs. Dhanashree M. More	IT Lab Attendant	B. A.



Achievements of Staff

Sr. No.	Name of Staff	Achievements
1.	Dr. S. V. Bangale	Dr. Sachin Vasant Bangale has been honoured with the prestigious “Dr. A. P. J. Abdul Kalam Vidnyanratna State Level Award” by the Government of Maharashtra, Department of Social Justice and Special Assistance, Dr. Babasaheb Ambedkar Pratishthan, Pandharpur, and the 135th Birth Anniversary Celebration Committee 2026–27, in recognition of his remarkable contribution and outstanding work in the field of Science. This honour reflects his dedication towards academic excellence, scientific research, and contribution to higher education.
2.	Dr. B. G. Bhaware	Major Research Project has been sanctioned by INCOIS, Ministry of Earth Sciences, Government of India, Hyderabad
3.	Dr. S. V. Bangale	Got a Patent for the “COMPACT DESIGN OF A PORTABLE GAS SENSOR DEVICE” in the class 10-04 from the Patent Office, Government of India (Design No.: 445173-001 dated 22/01/2025)

Rules of Examination

University of Mumbai has started Choice Based Credit, Grading and Semester (CBCGS) System with effect from academic year 2018-19 and implemented in phase manner/in progression starting from the first year (i.e. semester I and II) programmes of Arts, Commerce and Science faculties.

UNDER GRADUATE PROGRAMMES:

The University of Mumbai has adopted **New Education Policy (NEP 2020)** from the academic year 2024-25 where the performance of the learners shall be evaluated in two parts

- Internal Continuous Assessment of 20 marks.
- Semester End Examination of 30 marks.

A separate head of passing is required for internal and semester end examinations

1) i. B.Sc.

Internal Continuous Assessment: 40% (20 Marks)	Semester End Examination: 60% (30 Marks)	Duration for End semester examination
Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment, etc. (at least 3)	As per paper pattern given in syllabus	1 hour

ii. B.Sc. (Information Technology)

Internal Continuous Assessment: 40% (20 Marks)	Semester End Examination: 60% (30 Marks)	Duration for End semester examination
Continuous Evaluation through: Class test 1 of 15 marks Class test 2 of 15 marks Average of two class test: 15 marks Quizzes/Presentations/Assignments: 5 marks Total: 20 marks	As per paper pattern given in syllabus	1 hour

iii. B.Sc. (Comp. Sci.)

Internal Continuous Assessment: 40% (20 Marks)	Semester End Examination: 60% (30 Marks)	Duration for End semester examination
Continuous Evaluation through: Class Test on Module 1: 10 marks Class Test on Module 2: 10 marks Average of 2 Class Tests: 10 marks Assignment on Module 1: 5 marks Assignment on Module 2: 5 marks Total of 2 Assignments: 10 marks Total: 20 marks	As per paper pattern given in syllabus	1 hour



POST GRADUATE PROGRAMMES:

M.Sc. Part I Organic Chemistry

Theory Examination Pattern:

A. Internal Assessment - 50%- 50 Marks per paper

B. External Examination - 50%- 50 Marks per paper

Semester End Theory Examination:

Duration - These examinations shall be of two hours duration.

Theory question paper pattern:

- There shall be 05 questions each of 10 marks on each unit.
- All questions shall be compulsory with internal choice within the questions.

C. Paper Pattern for 25 marks (Electives): 25 Marks per paper

Semester End Theory Examination:

Duration - These examinations shall be of one hour duration.

Theory question paper pattern:

- There shall be 02 questions each of 08 marks on each unit and one mix question for 09 marks
- All questions shall be compulsory with internal choice within the questions.

Practical Examination Pattern

A. Internal Assessment: 50% - 25 Marks per paper

B. External Examination: 50% - 25 Marks per paper

M.Sc. Part II Organic Chemistry

Theory Examination Pattern

A. Continuous Assessment: 50%- 50 Marks per paper

B. External Examination: 50%- 50 Marks per paper

Semester End Theory Examination:

Duration - These examinations shall be of two hours duration.

Theory question paper pattern:

- There shall be 04 questions each of 10 marks on each unit and one mix question for 10 marks. (The mix question will have two questions of two marks each from each of the four units)
- All questions shall be compulsory with internal choice within the questions.

C. Paper Pattern for 25 marks (Electives): 25 Marks per paper

Semester End Theory Examination:

Duration - These examinations shall be of one hour duration.

Theory question paper pattern:

- There shall be 02 questions each of 08 marks on each unit and one mix question for 09 marks ((The mix question will have three questions of three marks each from each of the two units)
- All questions shall be compulsory with internal choice within the questions.

Practical Examination Pattern

A. Internal Assessment: 50%- 25 Marks per paper

B. External Examination: 50%- 25 Marks per paper

M.Sc. Information Technology

Theory courses of 4 credits: Total marks 100. Out of the total, 50 % each for internal and external evaluation.

A. Internal Evaluation (30m + 10m + 10m = 50 Marks)

The internal assessment marks shall be awarded as follows:

1. 30 marks (Any one of the following):

- Written Test of 30 Marks (paper pattern for written test is given in syllabus)
- SWAYAM (Advanced Course) of minimum 20 hours and certification exam completed or
- NPTEL (Advanced Course) of minimum 20 hours and certification exam completed or
- Valid International Certifications (Prometric, Pearson, Certipoint, Coursera, Udemy and the like)
- Certification marks of one completed exam shall be awarded to one course only. For four courses, the students will have to complete four certifications.



(Note: Only those certification/courses suggested by the department shall be deemed valid, Student cannot do any certification on their own)

2. 10 marks

10 marks from every course (Two 4 credits mandatory courses, one 2 credits mandatory course, one 4 credits elective course) coming to a total of 40 marks, shall be awarded on publishing of research paper in UGC approved / Other Journal with plagiarism less than 15%. The marks can be awarded as per the impact factor of the journal, quality of the paper, importance of the contents published, social value.

3. 10 marks

Open Book examination based on problem solving related to the respective subject.

B. External Examination: (50 marks) Duration : 2 hrs (paper pattern is given in syllabus)

Theory courses of 2 credits: Total marks 50. Out of the total, 50 % each for internal and external evaluation.

A. Internal Evaluation (25 Marks)

The internal assessment marks shall be awarded as follows:

1. 10 marks from every course (Two 4 credits mandatory courses, One 2 credits mandatory course, One 4 credits elective course) coming to a total of 40 marks, shall be awarded on publishing of research paper in UGC approved / Other Journal with plagiarism less than 15%. The marks can be awarded as per the impact factor of the journal, quality of the paper, importance of the contents published, social value.
2. 10 marks- Open Book examination based on problem solving related to the respective subject.
3. 5 marks- Assignment/Group discussion.

B. External Examination: (25 marks) Duration : 1 hr (paper pattern is given in syllabus)

Practical courses of 2 credits: Total marks 50. Out of the total, 50 % each for internal and external evaluation.

A. Practical Evaluation Internal (25 marks)

- | | | |
|----|--|----|
| 1. | Performance during all practical sessions | 10 |
| 2. | Problem solving with the acquired programming skills | 10 |
| 3. | Viva Voce | 5 |

B. Practical Evaluation External (25 marks)

A Certified copy of hard- bound journal is essential to appear for the practical examination.

- | | | |
|----|--------------------|----|
| 1. | Practical Question | 15 |
| 2. | Journal | 5 |
| 3. | Viva Voce | 5 |



Academic Calendar (2026-27)

Tentative Academic Calendar for AY- 2026 - 2027

Month	Activities
June	Staff meeting
	Commencement of S Y/ TY teaching
	International Yoga Day
July	Tree Plantation Drive
	NSS & DLLE enrolment
	Induction program
	Van Mahotsav week
August	College Foundation Day
	NSS Orientation
	Independence Day celebration
	Bridge Course
	Internal Assessment (B.Sc.)
September	Teacher's Day
	Guest lecture
	Study tour
	Astronomy Activity "Kiran"
October	Mahatma Gandhi Jayanti celebration
	Vachan Prerana Din
	Semester end Examination
	Internal Assessment (M. Sc.)
	National Unity Day
November	Avishkar participation
	Parent meet
	CONTECH- Test
December	Blood Donation Camp
	NSS Residential Canup
	Annual cultural & sports events
	College gathering
January	Jijau Jayanti
	Yuva Divas
	Republic Day
February	Internal Examination
	CHEMIAD Test by SPPU
	Tech Fest
	Chhatrapati Shivaji Maharaj Jayanti
March	International Women's Day
	Practical Examination
	Farewell Function
April	Dr. Babasaheb Ambedkar Jayanti
	Semester end Examination

Career Katta



**महाराष्ट्र राज्य
उच्च व तंत्र शिक्षण विभाग व
महाराष्ट्र माहिती तंत्रज्ञान सहाय्यता केंद्र**



यांच्या संयुक्त विद्यमाने



उद्योजक आपल्या भेटीला

- उद्योजकीय व्यक्तिमत्व विकास
- व्यवस्थापकीय कौशल्य व प्रत्यक्ष उद्योजकांचे मार्गदर्शन
- वित्त व्यवस्थापन
- निर्णय क्षमता
- जोखीम व्यवस्थापन (Risk Management)
- मनुष्यबळ व साधनसामुग्री व्यवस्थापन
- आधुनिक तंत्रज्ञान

करिअर कट्टा
युवकांच्या
सर्वांगीण विकासासाठी

आयएस आपल्या भेटीला

- राज्यपातळीवरील स्पर्धा परीक्षा
- महाराष्ट्र लोकसेवा आयोग
- पोलीस भरती
- बँकिंग सेवा
- स्टाफ सिलेक्शन कमिशन
- केंद्रीय पातळीवरील स्पर्धा परीक्षा (यु.पी.एस.सी.)

३६५ रुपयांमध्ये
१००० दिवस
मार्गदर्शन

५० add on
कोर्सेस मोफत

ध्येयाच्या वाटेवर
सातत्याने ३६५ दिवस



५२ आठवड्यांची अखंड
संवाद शृंगारिका



नाव नोंदणी व अधिक माहितीसाठी
७५०७६५२५५५ या नंबरवर आपले नाव करा

Web : www.mitsc.co.in

Career Katta

(Career and Entrepreneurship Counseling, Skill Development, Internships, Placement, etc.)

Career Katta is an initiative of Department of Higher and Technical Education, Govt of Maharashtra and in coordination with Maharashtra Information Technology Support Centre. The college conducts various activities to guide students about Career, Competitive Examinations (UPSC, MPSC, Banking, SSB, SSC, Police, LIC, etc.), Entrepreneurship, Skill Development; Credit Earnings under new CBCS and NEP Curriculum Framework, Internship and Placement Opportunities, etc.

Eligibility to Join:

Any student admitted for any regular course in the college or college alumni referred by College Coordinator.

Registration Fees:

A one-time fee of Rs. 365 for 1000 days provides free access to all activities, courses, and State-Level Competitive Examinations, etc.

College Code: C-33872 (the AISHE code of the College)

Contact: For more details visit college webpage www.gmvcs.org.in or contact **Coordinator Mr. Vijay A. Tarate 9765617533** or **Principal, Dr. Sachin V. Bangale 9764830783** or **Career Katta Helpline 75076 52555**

करिअर कट्टा अंतर्गत			
राष्ट्रीय शैक्षणिक धोरणामध्ये अपेक्षित असणारे पदवीच्या प्रथम वर्षासाठी सर्व विद्यार्थ्यांसाठी आवश्यक असणारे कोर्सेस			
1	VEC	Indian constitution	2 Credits
		Environmental studies	
2	AEC	German Language	2 Credits
		Russian Language	
		Arabic Language	
		Spanish Language	
		French Language	
		Japanese Language	
3	VSC	Communication skill development	2 Credits
		Writing skill in English	
		Business communication	
		Personality development	
		Writing skill in Marathi	
4	IKS	Generic Indian knowledge system	2 Credits
5	CC	NSS	2 Credits
		Cultural	
		Sports	
		NCC	
6	GE/OE	Digital marketing	2 Credits
7	GE/OE	Event management	2 Credits
8	GE/OE	Basic concepts of accounting	2 Credits
9	GE/OE	Emotional intelligence	2 Credits
10	GE/OE	Time and stress management	2 Credits
11	GE/OE	Financial literacy	2 Credits
12	GE/OE	Personality development for overseas placement	2 Credits

**Committees**

Sr. No.	Committees	Incharge
1.	Cultural Committee	Mr. A. K. Nikam
2.	Student Development Committee	Mr. H. R. Sonawane
3.	Examination Committee/Unfair means Committee	Mr. J. V. Deore
4.	Discipline Committee	Dr. S. V. Jamdar
5.	Anti- Ragging Committee	Mr. S. R. Rathod
6.	Avishkar Research Conversion	Dr. B. G. Bhaware
7.	Placement Cell / Career Guidance Committee	Mr. K. D. Gawade
8.	Sports Committee	Mr. V. A. Tarate
9.	National Service Scheme (NSS)	Dr. Mrs. N. M. Shaikh & Dr. P. B. Abhange
10.	Library Committee	Mr. S. K. Dhavan
11.	Alumni & PTA Association Committee	Mr. A. K. Nikam
13.	Department of Lifelong Learning & Extension (DLLE)	Mr. S. R. Rathod
14.	Women Development Cell (WDC)	Mrs. A. A. Amburle
15.	College Internal Committee (CIC or ICC)	Miss. N. N. Adulkar
16.	I.Q.A.C.	Dr. V. A. Rane
17.	Admission Committee	Dr. P. B. Abhange
18.	Career Katta	Mr. V. A. Tarate
19.	Science Association	Dr. B. G. Bhaware
20.	Workshop/Conference/Seminar Committee	Dr. Mrs. S. S. Mirza
21.	NEP Cell	Dr. Mrs. N. M. Shaikh

Anti-Ragging

Shri. Gopinath Mahadeo Vedak Pratishthan's
G. M. Vedak College of Science
 (Affiliated to University of Mumbai)
 Tala-Raigad 402 111 (M.S.)

**We Are
Committed for
Zero Tolerance
to Ragging
Ragging free
Campus**

Who can make complaint about Ragging?

- Student
- Student Association
- College Authorities
- Teaching Staff
- Non-teaching Staff



How complaints can be made?

- Written letter
- E-mail
- Telephonically
- SMS
- What's app message

To whom complaint can be made?

- Anti-ragging committee/members
- Anti-ragging squad/members
- College Authorities
- Hostel Authorities
- Teaching Staff
- Non-teaching Staff
- Police station
- UGC Anti-ragging helpline

COLLEGE HELPLINE

- College Phone no. 9860466578
- College E-mail: principalgmvc@gmail.com
- I/C Principal Dr. S. V. Bangale - 9764830783
- ARC Member Mr. S. R. Rathod - 8208970995
- ARC Member Shri. Purushottam Mulay - 7820912100
- ARC Member Ad. Nilesh Ratwadkar - 9422694747
- ARC Member Mr. Vijay Patil (PSI)-
- ARC Member Dr. V. S. Raykar - 9766283064
- ARC Member Dr. N. M. Shaikh - 8888388325
- ARC Member Mr. K. D. Gawade - 9851519393
- ARC Member Mr. P. P. Mekade - 9028558535

Anti-ragging Activity Calendar...

- Anti-ragging orientation: 2nd Week of July
- Anti-ragging day: 12th August
- Anti-ragging week: 12th - 18th August
- Counselling of freshers: 2nd week of August

UGC HELPLINE

- 24 7 Toll Free Helpline number: 1800-180-5522
- E-mail: helpline@antiragging.in
- Portal: www.antiragging.in



Anti-Ragging

How to Fill ONLINE UNDERTAKING form of ANTI-RAGGING

Step 1: Go to Website https://antiragging.in/affidavit_registration_disclaimer.html

Step 2: Go to TAB Undertaking ⇒ Register ⇒ Select as College

Step 3 (Student's details and Parent's/Guardian details): You will arrive at the desired webpage. Fill your and your parent's details.

Step 4 (College details): Fill the following details by selecting State (Maharashtra) and College Name as (**Gopinath Mahadeo Vedak Pratishthan's GVM College of Science at Tala Dist Raigad**)The college/university code and name will automatically. Cross-check the details as follows

College code: C-33872

College name: Gopinath Mahadeo Vedak Pratishthan GVM College of Science at Tala Dist Raigad Pin 402 111

University code: U-0318

University name: University of Mumbai

Step 4 (College and Course details): Fill the following details

College Director's Name*: Dr. S. V. Bangale

College Phone Number (+91)*: 9860466578

College Landline Number (Optional): ---

Details of the course (UG/PG/Diploma)*:

if you are doing BSc – Select Under Graduate Degree

If you are doing MSc – then Select POST GRADUATE DEGREE

Name of the Course *: Bachelor of Science

Current year of study*:

Select for FY (=1), SY (=2) and TY (=3), MSc Part-I (=1) and MSc Part-II (=2)

Nearest Police Station to your college*: Tala-Raigad

Step 6 (UGC Regulations): Select all checkmarks

Step 7 (Confidential Survey): Select all checkmarks as follows and write the anti-ragging helpline number as 18001805522

Step 8: Check the mark "I have rechecked the form and confirm that all the details are correct" after rechecking the form

Step 9: Submit the form.

Step 10: After successfully submitting your Undertaking on Anti-Ragging web portal (<https://antiragging.in>), you will receive the message of same with your Reference number

Step 11: Download your undertaking and submit it to college authority.



Curricular & Co-Curricular Activities

The various committees at collegiate level are meant for promoting co-curricular and extra-curricular activities and competencies of the students. The activities throughout the year are as varied as Sports, Career Counselling, Yoga Classes and Self Defence Techniques and many other activities as the imagination and ingenuity of the students can be handled. The most celebrated cultural fest “SPANDAN” receives every year overwhelming response from students. “TECH FEST”, the Information technology and computer science fest is other popular event of self-financing courses allowing the students to discover new facets of their skills.

Students are encouraged to take full part in the life of the college and also to participate in the intercollegiate, intra-collegiate level cultural and sports competitions.

GYMKHANA: A committee, consisting of teachers as an in-charge of Sports Department manages activities of the Gymkhana. Secretary: The student whose all-round performance during previous year has been found satisfactory, will be nominated by the GYMKHANA committee as the Secretary. The committee will standardize the gymnasium timing and the students are required to strictly follow the schedule without fail.

COUNSELLING CELL: It has been observed that some students have personal problems and the increasingly competitive environment causes stress. To cope with these problems the college has setup a counselling cell to help the students towards stress management. The students/parents are requested to make use of this facility and all the matters will be kept-confidential. Counselling is provided by professional counsellors and psychologists. Counsellors can help the students in sorting out conflicting demands and in stress management. Facilities for health care and insurance are also available. Psychological counselling in nature, confidential assistance to help students understand their feeling and personal problems, overcome stress, or find better ways of handling interpersonal relationships. Depending upon the nature of intervention required, family members may also be included in the counselling process.

NATIONAL SERVICE SCHEME (NSS): In National Service Scheme (NSS) students' personality development is enhanced by participating/conducting various activities like constructing dams, development of stage courage, cleanliness drive, tree plantation, voters' awareness, developing volunteers for various activities, donating blood, managing disaster or natural calamity. The motto of NSS is “NOT ME BUT YOU”. Various trainings are given to selected students and students are sent to Avhaan Camp, SRD, NRD parade, Theme based workshops etc. The volunteers (or students) associated with NSS are awarded with 10 additional marks at the final exam for the completion 240 hours of work in two years.

WOMEN DEVELOPMENT CELL (WDC): Women Empowerment and Gender Equality are the most important requirements for the upliftment and progress of our nation. In the effort to make the College a strong kernel of gender sensitization, the Women Development Cell (WDC) was constituted. The Cell has both the faculty and students of the College as its members and works with an aim to create a gender sensitized community within campus as well as in the society. It has been organising varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real importance of gender equality in the society through College students.

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION(DLLE): The Department of Life Long Learning and Extension (DLLE) is a statutory department under the University of Mumbai which is formed in 1978 to promote meaningful and sustained rapport between the university and the community. The motto of DLLE is “REACH TO UNREACHED”. The department carried out extension work projects encompassing social issues. The students associated with DLLE are awarded with 10 additional marks at the final exam for the completion of the project of 120 hours in a year.

INDUSTRIAL VISITS: Chemistry department conducts every year Industrial visits. This year Chemistry department visited to “Neelikon Food Dyes and Chemicals” on 10-04-19 where lots of information are on dyes manufacturing processes as well as their packaging are given. Students got opportunity to handle various analytical instruments such as HPLC, GC, NMR, UV instruments, advance thermometer etc. Guest lecturers are also invited every year to give lectures on various topics.

ZOOLOGY DEPARTMENT EXCURSION TOUR: Every Year students were taken out from LAB TO LAND as per NEP syllabus. Excursion was taken out to Poultry farm, Prawn farm, Pathology Lab, Dairy farm and field visit to cover guidelines given in Zoology Syllabus. Also, a biannual magazine is published every year by the Zoology Department.

TECH FEST: Tech-Fest a seven-day technical festa is organized by students of B.Sc. Information technology and computer science department.

NAAC PEER TEAM VISIT -2024-25



GRADUATION CEREMONY : APRIL-2026

