K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE

VIDYAVIHAR, MUMBAI – 400 077.
(AUTONOMOUS – AFFILIATED TO UNIVERSITY OF MUMBAI)
ACCREDITED 'A' GRADE BY NAAC

PROSPECTUS 2018 - 2019

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ॐ पूर्णमदः पूर्णमिदं पूर्णात् पूर्णमुदच्यते।
पूर्णस्य पूर्णमादाय पूर्णमेवावशिष्यते ।। १ ।।

ॐ ईशावास्यमिदं सर्वं यत् किं च जगत्या जगत्।
तेन त्यक्तेन भुञ्जीथा मा गृधःकस्य स्विध्दनम्।। २ ।।

मूकं करोती वाचालं पङ्गु लंघयते गिरिम्।
यत्कृपात् अहं वन्दे परमानन्दमाधवम्।। ३ ।।

ॐ प्रणो देवी सरस्वती वाजेभिर्वाजिनीवती धीनामवित्र्यवतु।
ॐ चोदयित्री सूनृतांना चेतन्ती सुमतीनाम्।
यज्ञं दधे सरस्वती।। ४ ।।

ॐ असतो मा सद्गमय। तमसो मा ज्योतिर्गमय।
मृत्योर्मादमृतं गमय।। ५ ।।

ॐ सहनाववतु सहनौ भुनक्तु सहवीर्यं करवावहै।
तेजस्विनावधीतमस्तु, मा विद्विषावहै।।६ ।।

सर्वेऽत्र सुखिनः सन्तु सर्वे सन्तु निरामयाः।
सर्वे भद्राणि पश्यतु मा कश्चिद् दुःखमाप्नुयात्।। ७ ।।

ॐ शांतिः। शांतिः। शांतिः।।

Our Founder : Padmabhushan (Late) Pujya Shree Karamshibhai Jethabhai Somaiya
(May 16, 1902 - May 9, 1999)
A Message From The Founder

My Dear Young Students,
Welcome to you to the Institutions of Vidyavihar! Your
Finest Hour is here. The future belongs to you.
Let us all zealously work together and dedicate ourselves to build India of
our dreams. Remember, nothing was ever achieved without hard work.
Be bold but not be bowled over. Let Truth and Duty be your watchwords.
Never despair in the face of setbacks.
Keep courage and continue to work with Fortitude. Have faith in yourselves
and in the Almighty.

Strive for your Goals and the future is yours!

❖ **About Somaiya Vidyavihar**

Padmabhushan Karamshi Jethabhai Somaiya founded Somaiya Vidyavihar an education trust in 1959, to provide quality holistic education. It was founded on the belief that, education is an important pillar of nation building with the power to change lives, and that it is the duty of the privileged to help provide it to whoever aspires to be educated.

Somaiya Vidyavihar encompasses 34 institutions, with more than 39,000 students and 1,500 faculty. Its educational institutes are spread across two main campuses - a 50 acre complex in Vidyavihar and a 28 acre complex in Sion both located in the heart of Mumbai besides a number of smaller campuses across rural Maharashtra, Karnataka and Gujarat. Currently we offer Degree, Diploma & Certificate courses at Undergraduate, Post Graduate and Doctoral levels.

Somaiya Vidyavihar also runs a few autonomous Post-Graduate Courses, Vocational Training Courses and High Schools.

Somaiya Vidyavihar fosters an ecosystem that excels in education, research and service, a place where knowledge is preserved, disseminated and new knowledge is created. It is known as much for its Science, Technology, Medicine, Engineering, Management, Social Sciences and Commerce programs, as for its programs for academic studies in various Faiths and Cultures of India.

Shri. K.J. Somaiya guided Somaiya Vidyavihar until 1999, his son Dr. S.K. Somaiya was at the helm of affairs till 2010. Today Shri. Samir Somaiya, a Cornel University and Harvard Business School alumnus is the President.

Our motto ज्ञानादेव तु कैवल्यम् | Knowledge alone liberates remains the bedrock, as we strive to expand and continuously innovate our education.

(www.somaiya.edu)

Our Inspiration

The Great Visionary and Transformational leader,
(Late) Dr. Shantilal K. Somaiya
29-12-1927 to 01-01-2010

A leading Industrialist & Businessman received various awards including prestigious 'Luminosa' & 'Sanskrit Mitra' titles. Strongly upheld the peaceful co-existence of religions and travelled extensively across the globe to spread the message of Indian Culture & Philosophy. Also made remarkable contribution to Education & upliftment of 'Adivasis'

Message by Honorary President

Our Vision :

Our Founder, Padmabhushan Shri K. J. Somaiya was deeply influenced by Gandhiji, and dedicated himself to nation building. He founded Somaiya Vidyavihar on the 9th of September 1959. He later founded the Girivanvasi Pragati Mandal, The K. J. Somaiya Medical Trust, Girivanvasi Education Trust and sister institutions to make great citizens of India and the World. In the words of Swami Vivekananda, "We want that education by which character is formed, strength of mind is increased, the intellect expanded, and by which one can stand on one's own feet." We have now grown into a multi-disciplinary and multi-campus education institution with over 1500 faculty, and 38,000 students.

Our motto is: □□□□□□□□ □□ □□□□□□□□ l Knowledge alone liberates. Liberates from poverty, from hunger. Also to liberate one from the attachments that bind us to small-mindedness. Knowledge also provides opportunity. To make the life lived more meaningful. In the service of one's family, one's community, one's □□□□, country, and indeed the world. Bearing in mind that there is no religion other than the life lived in the service of humanity, न □□□□□□□□ □□□ □□□□□

Our education in any subject will reflect its timeless fundamentals, its current context, and applications. There is so much scientific discovery taking place, at the intersection of fields, of biology, computing, medicine, the social sciences and everywhere else. We will provide students and faculty with an environment to engage this world, to discover new truths, make new applications to create and share knowledge.

Our education will also be experiential. With projects that are 'real' and those that complement the learning inside the classroom. Our students and faculty will be at the cutting edge of change, to incubate companies, to create NGOs, and pursue any field of their passion.

Our education will also be holistic. Sports and physical exercise must be a firm part of the curriculum. For students to develop a love for sports, for recreation, for health, for teamwork, for competition. Our education will also instill an appreciation for art and culture.

In the Bhagavad Gita, Arjun asks Krishna how is one to control one's mind that is as fleeting as the wind. Krishna responds that it can only be done through practice and discipline. □□□□□□□□□ □□ □□□□□□□ □□□□□□□□ च □□□□□□□ l We will strive to teach our students to learn to stay calm in our turbulent world.

And our education will also include the ancient Indian tradition, its culture, its depth, and its knowledge. We must keep the connection with our mother tongue and our languages. Languages are storehouses of culture, and the loss of a language takes with it much learning, stored through it over the ages.

Finally, our education will help students lead a full life, to fall in love with life.
Our dream, is to build a world class research and teaching institution, that is global in the reach of its ideas, and universal in its service. Welcome to our community.

FROM THE PRINCIPAL'S DESK

At the outset I extend a warm welcome to you.

Value education is the foundation of modern education and is a unique feature of Somaiya Vidyavihar institutions. K. J. Somaiya College of Science and Commerce is one of the institutions of Somaiya Vidyavihar.

Dr. Pradnya Prabhu

The College was formerly known as K. J. Somaiya College of Arts and Science. In 1972 it was bifurcated, one of them being, K. J. Somaiya college of Science. The Commerce Faculty was introduced in 1986 and the College was then rechristened as K. J. Somaiya College of Science and Commerce.

The College acquired a vibrant atmosphere due to co-curricular and extension activities. The Girls' NCC Unit has brought laurels in the form of the Vice-Chancellor's banner for three years. The NSS Unit has built a strong bond through community service in the areas of health, crises preparedness, gender sensitization, and building of life-skills, environmental enrichment and conservation.

Sharing of resources and innovative practices with the sister institutions has created a synergistic relationship and imparted impetus for further growth. Globalisation demands a new dimension to our approach to education. We at our college have recognized the need for a globally relevant education.

During the year ,2010-2011,efforts were directed to earn Autonomous status for the college ; subsequently the University of Mumbai vide notification No. Aff/Recog.1/914 of 2012 dated 22nd October 2012 Conferred Autonomous Status to the college in 2012.

Under autonomy, changes were made in the existing syllabi which are in tune with the changing business, industrial and social needs. Furthermore, the designed curricula are relevant to the local needs and demands. The learning methodologies such as project based learning, experiential learning, Flip class learning are used.

In the words of Swami Vivekananda " We want that education by which character is formed, strength of mind is increased, the intellectual expanded and by which one can stand on one's own feet."

We believe that each and every student has a gift to share and we work hard to unlock their highest potential.We aim to create a safe, nurturing yet challenging environment that is built on values, culture and positive relationships which will lead to emotional, social and academic development of the student.

I wish you all wonderful years ahead.

Vision and Mission Statement

Mission Statement
- Equip the student with knowledge and skills of their chosen vocation, inculcate values, provide them opportunities for all-round growth and prepare them for life.

Vision of Founder
- Service to mankind.
- Understand and respond to the needs of modern Science and Technology. Provide a sound spiritual foundation to march into the future.
- Provide opportunities for all-round development of individuals.

Vision Statement
- To equip the students with advanced knowledge and skills in their chosen vocation. To provide value-based education and opportunities to students.
- To help them to face challenges in life.
- To nurture a scientific attitude, temperament and culture among the students.
- To continually review, develop and renew the approach to build India of the Founder's dream.

Goals and Objectives
- To build a strong Academia-Industry bridge.
- To provide flexibility in the courses offered and proactively adapt to the changing needs of students and the society.
- To establish a center for multidisciplinary activities.
- To mould individuals who would nurture the cultural heritage of our country and contribute to the betterment of the society.

⛩ 15 Reasons to join K. J. Somaiya College of Science and Commerce

1. **Brand Name : Somaiya is a brand name in the higher education.**

2. **Autonomous Status : The College was conferred Autonomous Status by UGC and University of Mumbai. College is known for its academic flexibilities. There are innumerable combinations which you can choose from elective courses on foreign languages, immersion experience, dual degree, Honours programmes, sports as a credit course.**

3. **Accreditation : K.J. Somaiya College of Science and Commerce has got accredited by National Assessment & Accreditation Council (NAAC) with "A' Grade in 2004 and re-accreditated with "A' Grade (CGPA 3.21) in 2010.**

4. **Awards and Grants : The College has been adjudged as the Best College of University of Mumbai in the Urban Category. Recipient of FIST grant from DST, STAR college Status from DBT.**

5. **Transparent Admission process : Admissions only on merit. We do not take any donation or capitation fee.**

6. **Most sought after college : 25 students compete for each seat at K.J.Somaiya College of Science and Commerce.**

7. **Strong Alumni : Over last 50 years Somaiya Vidyavihar produced thousands of successful graduates contributing to various development taking place all over the world.**

8. **Scholarships : Merit-cum-need-based scholarship the students**

9. **Staff : Students friendly, experienced, dedicated staff.**

10. **Synergy : Synergy of 35 institutions from various discipline.**

11. **Innovation incubator : End to end guidance to foster innovative ideas in to company.**

12. **Vibrant campus life : Many festivals, workshops like Kabir Festival, Dance Festival, Vigyan Yagna, Asmita, Vibes, Tarang etc.**

13. **Conducive Environment : Conducive environment for teaching and learning.**

14. **Dual Assessment : Dual blind assessment for Accurate Results.**

15. **Secure Campus : Round the clock security and guarded environment.**

About the College

A Dream Come True

The establishment of Somaiya Vidyavihar was the fulfillment of the dream of Late Padmbhushan Pujya Shree Karamshibhai Jethabhai Somaiya - an industrialist of distinction and a great visionary. The foundation stone of K.J. Somaiya college of Arts and Science was laid under the auspices of the Somaiya Vidyavihar Trust in 1960. It was the beginning of many educational institutions growing on the vast campus of Somaiya Vidyavihar in future. Presently, thirty four institutions of Somaiya Vidyavihar enroll about 27,000 students and have 1700 faculty members, who impart value based quality education.

March Ahead

- The college has grown in leaps and bounds in terms of student strength, courses and subjects offered, facilities etc. The college had an opportunity to endorse its standard and class through the National Assessment and Accreditation Council, an autonomous institution of University Grants Commission, in 2004. The college received 'A' grade in the assessment. The college underwent the reaccreditation process in March 2010 and was awarded `A' grade again. Prior to the reaccreditation, the college was shortlisted among three colleges for `The Best College' award in 2009-10.
- The College was awarded `A' grade in the third cycle of accreditation in April 2016.
- The College is recognised as `Centre with Potential for Excellence' by UGC in 2016.
- The College is sensitive to the needs of the students community and hence has started new undergraduates and post-graduate courses in the academic year 2010-11. Those include B.Com. Accounting & Finance, Finance & Management, B.Sc. (Computer Science), B.M.S., Additional Division of F.Y.B.S.c. Information Technology, M.Com. Accountancy, M.Com. in Business management M.Sc. in Environmental Science and M.Sc. in Neutraceuticals, M.Sc. Statistics.
- The college has been identified for support in Leval - 0 Category by the Department of Science and technology Government of India, New Delhi based on the recommendations of the FIST Advisory Board. An amount of Rs.90,00,000/- has been sanctioned for implementation of the said project under Research and Development Support 1009.
- Among three hundred fifty science colleges of Mumbai the College has been ranked forth in 2006-2007, third in 2007-2008, fifth in 2008-2009, second in 2010-2011 and forth in 2012-2013 respectively and 36th, 34th, 32nd, 23rd and 24th in India, according to an independent survey conducted by a reputed national publication "India Today".
- The Department of Biotechnology Government of India, New Delhi has sanctioned a financial support of Rs. 67,00,000/- under star college scheme category `Human Resource Development Biotechnology - 046' to the various departments identified by the college. In 2018, five more departments have been sanctioned Rs. 1,00,05,000/- under Star – DBT grant.
- The college has well developed Satellite Campus measuring 30,000 sq. ft area on the campus to accommodate all the unaided courses and well equipped central Instrumentation laboratory.
- The University of Mumbai vide notification No. Aff/Recog.l / 914 of 2012 dated 22' October 2012 conferred Autonomous Status to our college in 2012.

Academic Council of Somaiya Vidyavihar

Sr.	Name Of the Members	Designation	Remark/ Expertise
1	Shri. Samir S. Somaiya	Chairman	Educationist / Industrialist
2	Shri. V. Ranganathan	Jt. Hon. Secretary	Educationist / Administrator
3	Mr. Abhishek Ghosh	Member	Literature / Language
4	Shri. Anuj Bhagwati	Member	Engineering / Technology
5	Shri. Bimal Mehta	Member	Industrialist
6	Dr. Jagdish Parikh	Member	Educationist / Industrialist
7	Dr. John Thomas	Member	Educational Consultant
8	Mrs. Kavita Anand	Member	Educationist / Art & Culture
9	Dr. Kenneth Mills	Member	History
10	Dr. Larry R. Faulkner	Member	Educationist
11	Dr. Mehul Mehta	Member	Medicine / Health Care
12	Dr. Pankaj Chandra	Member	Technology
13	Mr. Porus Olpadwala	Member	Architecture Art & Planning
14	Capt. Raj Mohindra	Hon. Secretary	Planning / Educational / Consultant
15	Dr. Rudra Pratap	Member	Science / Technology
16	Prof Rupa Shah	Member	Educationist
17	Dr S_B_ Chandalia	Member	Engineering / Science
18	Swamini Tanmayananda Saraswati	Member	Culture / Religion

Admission Guidelines

1. Parents and students are requested to go through the prospectus and admission notices put on the college notice boards and college's website www.somaiya.edu/kjssc before seeking admission in the college.

2. The College is conferred with Gujarati Linguistic Minority Status by the Govt. of Maharashtra, under which 50% of the seats at the entry level are reserved for the aforesaid linguistic minority. The remaining seats are allotted as per merit and according to other norms laid down by the university and the government from time to time.

3. The College or the Management does not accept any donation or capitation fees for any admission. The admission to students is given as per the standard and transparent procedures. Any person approaching the students or parents for donation/capitation fees should be reported to the Principal immediately.

4. The Principal reserves the right to amend or modify the rules regarding admission, as and when such amendments and guidelines are received from the Board, the University, the Government or the Management. The Principal also reserves the right to refuse admission, if in his opinion, such an admission is likely to adversely affect the overall discipline of the college.

5. Admission preference will be given to students who have passed the eligibility qualification in the preceding academic year.

F.Y.B.SC./F.Y.B.COM and other self-financing courses ADMISSIONS-2018-2019
Admission process for F.Y.B.Sc./F.Y.B.Com is as follows :

- All the admissions are online.

- The students should fill the pre-admission form which is available on the college website www.somaiya.edu/admissions

- The students should take a print out of this pre-admission form and pay Rs.100/- at the college cash counter within 24 hours to confirm the submission of the pre-admission form. The payment can also be done online.

- The students should apply separately for each course.

- It is mandatory to fill the pre-admission online Enrolment form on University website www.mum.digitaluniversity.ac before applying for the course.
  The print out of this form is to be submitted to the college office along with the print out of pre-admission form and pre-admission form receipt at the time of admission.

- There is 50% reservation for Gujarati linguistic minority. They cannot avail the benefit of any other reservation policy.

IN-HOUSE STUDENTS

- The students of K. J. Somaiya College of Science and Commerce and S. K. Somaiya Vinay Mandir are considered as in-house students.

- The students will be admitted on the first come first serve basis only on the days mentioned in the admission notice.

- There is no cut-off percentage for students of K. J. Somaiya College of Science and Commerce but the cut-off percentage for S. K. Somaiya Vinay Mandir students for commerce stream is minimum 375 marks out of 600 on first come first serve basis.
- In-house students with more than one attempts or passing with Form No.17 at XIIth standard Commerce or passed before 2018 will not be considered for admission to F.Y.B.Com / F.Y. B.Sc.

- There is no in-house admissions for the unaided courses, viz. F.Y.B.Sc.-Biotechnology, F.Y.B.Sc.-Information Technology, F.Y.B.Sc.-Computer Science, F.Y.B.Com-Accounting and Finance, Financial Markets and BMS.

EXTERNAL STUDENTS

- The merit list will be declared as per the schedule declared by the University of Mumbai.

- The students should secure their admissions by filling the main admission form which will be available on the day of the admission and by paying the prescribed fees.

- If the student fails to confirm the admission as per the given schedule, his/her name will not be considered in the next list.
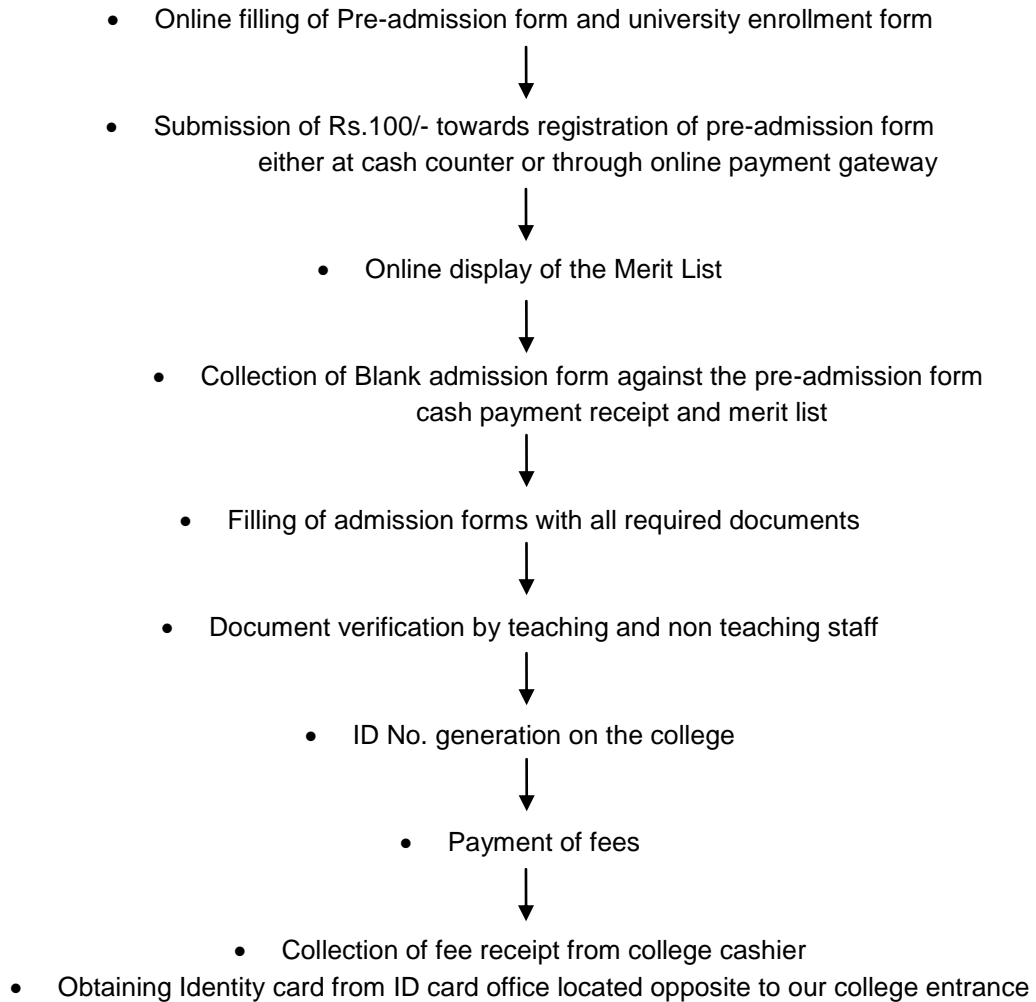
DOCUMENS REQUIRED
For Open Category :
1) Print-out of duly filled in online pre enrolment form submitted on University Website.

2) Duly filled in admission form and Information Form/s.

3) Original HSC Marksheet with three attested photo copies.

4) Two attested photo copies of Junior college Leaving Certificate (bring the original for verification)

5) One attested photo copy of SSC Marksheet and Passing Certificate.

For Reserved Category :
In addition to the documents stated for open category, reserved category students will have to submit the following :

1) On-line e-scholarship/freeship form on the web-site https://mahaeschol.maharashtra.gov.in and submit the printout.

2) Attested copy of the Caste Certificate issued by Govt. of Maharashtra.

3) Attested copy of marksheet.

4) Income Certificate for the accounting year 2016-2017 and assessment year 2017-2018 issued by Tahsildar.

5) Form No.16 (FOR FREESHIP)

6) Ration Card photo copy.

7) District Change Certificate, if applicable.

8) Non creamy layer certificate (for learners belonging to NT/OBC/SBC) one attested copy.

9) Duly filled in Provisional eligibility form (for learners belonging to Divisional Board other than Mumbai/other state)

10) Migration certificate (for learners belonging to Divisional Board other than Mumbai/other state)

11) Two passport size latest colored photographs of the learner.

ADMISSION PROCEDURE

- Online filling of Pre-admission form and university enrollment form

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- Submission of Rs.100/- towards registration of pre-admission form either at cash counter or through online payment gateway

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- Online display of the Merit List

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- Collection of Blank admission form against the pre-admission form cash payment receipt and merit list

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- Filling of admission forms with all required documents

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- Document verification by teaching and non teaching staff

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- ID No. generation on the college

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- Payment of fees

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- Collection of fee receipt from college cashier
- Obtaining Identity card from ID card office located opposite to our college entrance

(PLEASE ENSURE YOUR ADMISSION BY TAKING THE FEE RECEIPT FROM COLLEGE CASHIER)

Reservation Policy

F.Y.B.Sc./B.Com (aided / self-financing courses) Admissions 2018-2019

There is no reservation policy for reserved category students as per the university circular "No. Spl. Cell/2018-19/03/2018"

Gujarati Minority 50%
From the remaining 50% Quota

Women	As per circular No.AFF/recog/322 of 2000 Dated : 07-09-2000
Physically Handicapped	3% as per University circular No.Special Cell 2/2008 Dated : 25-01-2008
3% seats for categories as per circular No.211 dated 06-05-1998	1) Transferred Central/State Officer's ward
	2) Ex-serviceman/Defence Ministry
	3) National level merit holders in the field of Sports and Cultural Programme
	4) Handicap
	5) Widow
	6) Freedom Fighter's son/grand son/daughter

Two supernumerary seats for students from Jammu & Kashmir as per University Circular No.AFF/ICC/2012-13/22 dated 8th January, 2013.

Other reservations will be as per the government policy.
All international students (FR , FS, PIO, OCI, NRI interested to seek admission at University of Mumbai must approach to the link (mu.admissiondesk.org) available on website of the University of Mumbai (www.mu.ac.in).

Courses Offered

Academic Year 2018-2019 Programmes

SCIENCE FACULTY	
Undergraduate Programmes	**Postgraduate Programmes**
Bachelor of Science (B.Sc.) in : Chemistry Botany Zoology Microbiology Physics Mathematics Statistics Geology Chemistry-Biochemistry (3 Units each) Microbiology-Biochemistry (3 Units each) Biotechnology (Self –financing) Information Technology (Self –financing) Computer Science (Self –financing)	**M.Sc. by Papers in :** Organic Chemistry Analytical Chemistry Inorganic Chemistry Physical Chemistry Microbiology, Geology, Physics, Botany, Zoology, Biochemistry M.Sc. by Research in-Chemistry, Biochemistry Microbiology, Botany Zoology, Geology M.Sc. in Biotechnology M.Sc. in Information Technology M.Sc. in Environmental Science M.Sc. in Neutraceutical M.Sc. in Applied Statistics, M.Sc. In Polymer Science
RESEARCH PROGRAMMES	
Ph.D. in Chemistry, Microbiology, Zoology, Botany, Biochemistry	

Faculty of Commerce	
UNDERGRADUATE PROGRAMMES	**POST GRADUATE PROGRAMMES**
Bachelor of Commerce (B.Com) **Bachelor of :** Accounting and Finance (BCAF) (Self –financing) Financial Markets (BFM) (Self –financing) Bachelor in Management Studies (BMS) (Self –financing)	M.Com in Advanced Accountancy M.Com in Business Management

Degree Programmes - Undergraduate Level

Aided Section

Programme	Year	Intake Capacity
B.Sc.	F.Y.B.Sc.	600
	S.Y.B.Sc.	600
	T.Y.B.Sc.	600
B.Com	F.Y.B.Com	360
	S.Y.B.Com	360
	T.Y.B.Com	360

Unaided Section

SCIENCE FACULTY		
Programme	Year	Intake Capacity
B.Sc.-Information Technology	F.Y.B.Sc.	120
	S.Y.B.Sc.	120
	T.Y.B.Sc.	120
B.Sc.-Biotechnology	F.Y.B.Sc.	35
	S.Y.B.Sc.	35
	T.Y.B.Sc.	35
B.Sc.-Computer Science	F.Y.B.Sc.	60
	S.Y.B.Sc.	60
	T.Y.B.Sc.	60

COMMERCE FACULTY		
Programme	Year	Intake Capacity
B.Com-Accounting & Finance	F.Y.B.Com	60
	S.Y.B.Com	60
	T.Y.B.Com	60
B.Com-Financial Market	F.Y.B.Com	60
	S.Y.B.Com	60
	T.Y.B.Com	60
BMS-Bachelor in Management Studies	F.Y.B.Com	60
	S.Y.B.Com	60
	T.Y.B.Com	60

Degree Programmes - Post Graduate Level

Programme	Intake Capacity
M.Sc. in	
Organic Chemistry	20
Analytical Chemistry	20
Inorganic Chemistry	20
Physical Chemistry	20
Microbiology	20
Physics	20
Botany	20
Zoology	20
Biochemistry	20
M.Sc.-Information Technology	30
M.Sc.-Biotechnology	20
M.Sc.-Environmental Science	20
M.Sc.-Nutraceuticals	20
M.Com in Business Management	60
M.Com in Accountancy	60
M.Sc. Applied Statistics	20
M.Sc. Polymer Science	20

M.Sc. by Research & Ph.D. Programmes	Intake Capacity
Chemistry	40
Botany	10
Zoology	10
Microbiology	10
Biochemistry	10
Geology	03
Physics	05

Undergraduate Degree Programmes
(Aided Section)
B.Com (Bachelor of Commerce) Degree Programme

F.Y.B.Com Sem I and II

Eligibility

Semester I
A candidate for being eligible for admission to the three years degree programme leading to the degree of Bachelor of Commerce (B.Com) must have passed the Higher Secondary School Certificate Examination (Std XII) conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education.

OR

Must have passed the Higher Secondary School Certificate (Std XII) Examination with vocational subjects, minimum competency based vocational programme conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education.

OR

Must have passed an examination of another university or body recognised as equivalent to the Higher Secondary School Certificate (Std XII) examination.

(Circular No.UG/142 of 2010, dated July,1, 2010.)

Semester II
All learner is eligible to be admitted to semester II irrespective of number of heads of failure in the semester I.

Courses :
Semester I and Semester II

Core Subjects
1. Accountancy
2. Commerce
3. Business Economics
4. Business Communication
5. Mathematical and statistical techniques
6. Environmental Studies
7. Anyone from the following:

Foundation course / any of the following languages French/Spanish/Japanese/Chinese/Pali(conducted by our sister institution Buddhist studies)/ Sanskrit/German (conducted by our sister institution Sanskriti Peetham)

S.Y.B.Com Sem III and IV

ELIGIBILITY

Semester III :
A learner being eligible for the admission to Semester III if,
He/She passes each of courses of Semester I and Semester II examinations

OR

He/She fails in not more than four courses of Semester I and Semester II examinations taken together with not more than two courses at each Semester I and Semester II examinations.

Semester IV :
A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in Semester III.

COURSES :
Semester III and Semester IV

Core Subjects

1. Accountancy
2. Commerce-II
3. Business Economics
4. Business Law
5. Applied Component-Advertising or Computer Programming
6. Anyone from the following:
   Foundation course / any of the following languages French/Spanish/Japanese/Chinese/Pali(conducted by our sister institution Buddhist studies)/ Sanskrit/German (conducted by our sister institution Sanskriti Peetham)

T.Y.B.Com Sem V and VI

ELIGIBILITY

Semester V :

A learner being eligible for the admission to Semester V must have -
Passed in all the courses of Semester I, Semester II, Semester III and Semester IV examinations.

OR

Passed Semester I and Semester II examinations but failed in not more than four courses at Semester III and Semester IV examinations taken together with not more than two courses at each of Semester III and Semester IV examinations.

OR

Passed Semester III and Semester IV examinations but failed in not more than four courses at Semester I and Semester II examinations taken together, with not more than two courses at each of Semester I and Semester II examinations.

Semester VI :
A learner shall be allowed to keep term for Semester Vi irrespective of number of courses of failure in Semester V.

The result of Semester VI shall be kept in abeyance until the learner passes each of courses of Semester I, Semester II, Semester III, Semester IV and Semester V.

COURSES :
Semester V and Semester VI

Core Subjects
1.   Management and Human Resource Development (Commerce-III)
2.   Indian Economics
3.   Financial Management
4.   Auditing and Cost Accounting
5.   Introduction to Management Accounting-III
6.   Direct and indirect taxes

Applied Component (Any one of the following)
1.   Export marketing
2.   Investment Analysis and portfolio management
3.   Computer system and applications

Undergraduate Degree Programmes (Self-financing COURSES)

B.Com - Financial Market (BFM)

ELIGIBILITY :
F.Y.BFM - Semester & II

Semester I
A candidate for being eligible for admission to the bachelor of commerce (Financial Market) degree course must have passed the Higher Secondary School Certificate examination (Std XII) conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent and secured not less than 45% marks in aggregate (40% in case of reserved category) at one and the same seating.

Semester II
A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

SEM 1	SEM 2
Financial Accounting	Financial Accounting
Introduction to Financial Systems	Principles of Management
Business Mathematics	Business Statistics
Business Communication	Business Communication
Foundation course	Foundation course
Business Environment	Management Accounting
Business Economics	Computer Skills

S.Y.BFM - Semester III & IV
Semester III
A learner being eligible for the admission to Semester III if, he/she passes each of courses of Semester I and Semester II examinations.

OR

He/She failed in not more than four courses of Semester I and Semester II examinations taken together with not more than two courses at each Semester I and Semester II examinations.

Semester IV
A learner should be allowed to keep term for Semester IV irrespective of number of courses of failure in Semester III.

Courses

SEM 3	SEM 4
Debt Markets	Debt Markets
Equity Markets	Equity Markets
Portfolio management	Merchant banking
Management Accounting	Corporate Finance
Business law	Business law
F.C. Money Markets	F.C in Foreign Exchange Markets
Computer Skills	Business economics

T.Y.BFM - Semester V & VI

Semester V

A learner being eligible for the admission to Semester V must have-
Passed in all the courses of Semester I and Semester II, Semester III and Semester IV examinations.

OR

Passed Semester I and Semester II examinations but failed in not more than four courses at Semester III and Semester IV examinations taken together, with not more than two courses at each of Semester III and Semester IV examinations.

OR

Passed Semester III and Semester IV examinations but failed in not more than four courses at Semester I and Semester II examinations taken together, with not more than two courses at each of Semester I and Semester II examinations.

Semester VI

A learner shall be allowed to keep term for Semester VI irrespective of number of courses of failure in Semester V.

The result of Semester Vi shall be kept in abeyance until the learner passes each of Courses of Semester I, Semester II, Semester III, Semester IV and Semester V-

Courses

SEM 5	SEM 6
Financial derivatives	Venture Capital & Private Equity
Marketing of Financial Services	Mutual Fund mgmt.
Technical Analysis	Risk mgmt.
Organisational behaviour	Strategic corporate Finance
Corporate Accounting	Corporate Restructuring
Taxation	Project

B.Com – Accounting and Finance (BAF)

ELIGIBILITY :

F.Y.BAF - Semester I & II

Semester I

1. A candidate for being eligible for admission to the Bachelor of Commerce (Accounting and Finance) degree programme shall have passed XII std. Examination of the Maharashtra Board of Higher Secondary Education or its equivalent and secured not less then 45% marks in Aggregate at first attempt (40% in case of reserved category).

2. Every candidate admitted to the degree programme in the constituent/affiliated college/recognized institution, conducting the programme, shall have to register himself/herself with the University.
    (Circular No.-UG/395 of 2004, Dated September 7, 2004)

Semester II

A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

SEM 1	SEM 2
Financial Accounting (Elements of Financial Accounting)	Financial Accounting (Special Accounting Areas)
Cost Accounting (Introduction and Element of cost)	Management Accounting
Auditing (Introduction and Planning)	Auditing (Introduction and Planning)
Commerce (Business Environment)	Business Law (Business Regulatory Framework)
Business Communication	Business Communication
Foundation Course	Foundation Course
Business Economics	Business Mathematics

S.Y.BAF-Sem III and Sem IV
Semester III
A learner being eligible for the admission to the Semester III if He/she passes each of Courses of Semester I and Semester II Examination.

OR

He/She failed in not more than four courses of Semester I and Semester II Examinations taken together, with not more than two courses at each of Semester I and Semester II Examinations.

Semester IV
A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in Semester III.

SEM 3	SEM 4
Financial Accounting	Financial Accounting IV
Cost Accounting	Management Accounting
Taxation	Taxation
Business Economics	Research methodology in A & F
F.C.in commerce (Financial market Operations)	Business Law
Information Tech. in Accountancy	Information Tech. in Accountancy
Business law	Foundation Course in Management

T.Y.BAF-Sem V and Sem VI
Semester V
A learner being eligible for the admission to the Semester V must have-passed in all the courses of Semester I, Semester II, Semester III and Semester IV Examinations.

OR

Passed Semester I and Semester II Examinations but failed in not more than four courses at Semester III and Semester IV Examination taken together, with not more than two courses at each of Semester III and Semester IV Examinations.

OR

Passed Semester III and Semester IV Examinations but failed in not more than four courses at Semester I and Semester II Examination taken together, with not more than two courses at each of Semester I and Semester II Examinations.

Semester VI

A learner shall be allowed to keep term for Semester VI irrespective of number of courses of failure in Semester V.

The result of Semester VI shall be kept in abeyance until the learner passes each of courses of Semester I, Semester II, Semester III, Semester IV and Semester V.

Courses

SEM 5	SEM 6
Cost accounting	Cost accounting
Financial Management	Financial Management
Taxation	Taxation
International finance	Security analysis & portfolio management
Financial Accounting	Financial Accounting
Financial Accounting	Project work

B.Com in Management Studies (BMS)

ELIGIBILITY :

F.Y.BMS – Semester I & II

Semester I

A candidate for being eligible for admission to the B.M.S. degree programme shall have passed H.S.C. Examination of the Maharashtra Board of Higher Secondary Education or its equivalent Examination or Diploma in any Engineering branches with two years or three years duration after S.S.C. conducted by the Board of Technical Education, Maharashtra State or its equivalent Examination by securing minimum 40% marks for the reserved category (in one attempt).

(Extract of Circular No.-UG/80 of 2010, Dated April 27, 2010)

Semester II

A learner shall be allowed to keep term for Semester II irrespective of number of courses of failure in Semester I.

Semester I	Semester II
Introduction to Financial Accounts	Principles of Marketing
Business Law	Industrial Law
Business Statistics	Business Mathematics
Business Communication - I	Business Communication -II
Foundation Course-I	**Foundation Course -II**
Foundation of Human Skills	Introduction to Cost Accounting
Business Economics-I	Principles of Management

S.Y.BMS - Semester III & IV

Semester III

A learner being eligible for the admission to the Semester III if, He/She passes each of courses of Semester I and Semester II Examination.

OR

He/She failed in not more than four courses of Semester I and Semester II Examination taken together, with not more than two courses at each of Semester I & Semester II examinations.

Semester IV

A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in Semester III.

No. of Courses	Semester III	No. of Courses	Semester IV
1 & 2	*Any one group of courses from the following list of the courses	1 & 2	** Any one group of courses from the following list of the courses
3	Information Technology in Business Management - I	3	Information Technology in Business Management-II
4	Foundation Course (Environmental Management) – III	4	Foundation Course (Ethics & Governance)- IV
5	Business Planning & Entrepreneurial Management	5	Business Economics-II
6	Accounting for Managerial Decisions	6	Business Research Methods
7	Strategic Management	7	Production & Total Quality Management
List of group of ElectiveCourses(EC) for Semester III (Any two)		**List of group of Elective Courses(EC) for Semester IV (Any two)**	
Group A: Finance Electives			
1	Introduction to Cost Accounting	1	Auditing
2	Corporate Finance	2	Strategic Cost Management
Group B:Marketing Electives (Any Two Courses)			
1	Consumer Behavior	1	Integrated Marketing Communication
2	Advertising	2	Rural Marketing
Note: Group Selected in Semester III will continue in Semester IV.			

T.Y.BMS - Semester V & VI
Semester V
A learner being eligible for the Admission to the Semester V must have-Passed in all the Courses of Semester I, Semester II, Semester III and Semester IV Examinations.

OR

Passed Semester I and Semester II Examinations but failed in not more than four courses at Semester III and Semester IV Examination taken together, with not more than two courses at each of Semester III and Semester IV Examination.

OR

Passed Semester III and Semester IV Examinations but failed in not more than four courses at Semester I and Semester II Examination taken together, with not more than two courses at each of Semester I and Semester II Examination.

Semester VI
A learner shall be allowed to keep term for Semester VI irrespective of number of courses of failure in Semester V.

The result of Semester VI shall be kept in abeyance until the learner passes each of courses of Semester I, Semester II, Semester III, Semester IV and Semester V.

Semester V

Compulsory Courses

1   Logistics and Supply Chain Management

2   Ethics and Governance

3   Project Work

Any one Elective Group to be selected by the learner

Group A   :   Finance Group – Electives

1   Investment Analysis and Portfolio Management

2   Commodity and Derivatives Market

3   Wealth Management

4   Strategic Financial Management

Group B   :   Marketing Group – Electives

1   Service Marketing

2   E-Commerce and Digital Marketing

3   Sales and Distribution Management

4   Customer Relationship Management

Semester VI

SN	Course Code	Title of the Course
		Compulsory Courses
1		Operation Research
2		Indian Ethos in Management
3		Corporate Communication and Public Relations

Any one Elective Group to be selected by the learner

Group A : Finance Group – Electives

SN	Course Code	Title of the Course
1		Risk Management
2		International Finance
3		Innovative Financial Services
4		Project Management

Group B : Marketing Group – Electives

SN	Course Code	Title of the Course
1		Brand Management
2		Retail Management
3		International Marketing
4		Media Planning and Management

Undergraduate Degree Programmes (AIDED COURSES)

B.Sc. (Bachelor of Science) Degree Programme

F.Y.B.Sc. Sem I and II

ELIGIBILITY :

Semester I
A candidate for being eligible for admission to the three years integrated programme 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 :

1.   English (Higher or lower level) carrying 100 marks.

2.   Any one of the modern Indian languages or modern foreign languages or any classical language (Higher level or Lower level) or information Technology carrying 100 marks.

3.   Four other subjects from among the subjects mentioned below carrying a total of 400 marks.

OR

Three other subjects from among the subjects mentioned below carrying a total 300 marks and one more subject from among the remaining optional subjects carrying 100 marks as prescribed for the H.S.C. (Std XII) examination.

List of subjects :
Physics, Chemistry, Biology, Mathematics and Statistics, Geography, Economics, Geology, Psychology

OR

Must have passed an examination of another university or body or board recognised as equivalent to the H.S.C. (Std XII) examination conducted by the Maharashtra State Board of Secondary and Higher Secondary Education.

(Extract of Circular No.UG/394 of 2004, dated September 6, 2004)

Semester II
A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

Courses :
Semester I and Semester II

Part I : Core Subjects
A student has to select any one group from the following : (two courses of each subject)
Physics-Chemistry-Mathematics
Physics-Mathematics-Statistics
Physics-Chemistry-Botany
Physics-Chemistry-Zoology
Physics-Chemistry-Geology
Physics-Chemistry-Microbiology

Chemistry-Botany-Zoology

S.Y.B.Sc. Sem III and IV
ELIGIBILITY :

Semester III
A learner shall be allowed to keep term for semester III if-
He/She passes each course of semester I and Semester II examinations.

OR

He/She fails in not more than three courses in each of Semester I and Semester II examinations.
(For all subjects carrying 900 or more marks).

OR

He/She fails in not more than three courses with not more than total 200 marks, in each of Semester I and Semester II examinations. (For all subjects carrying less than 900 marks).

Semester IV
A learner shall be allowed to keep term for Semester IV irrespective of grades obtained in each course of Semester III.

COURSES :
Semester III and Semester IV
Core Subjects
A student has to select any one group from the following: (Three courses of each subject)
This combination must be from the subjects/courses at F.Y.B.Sc.

Physics-Chemistry
Physics-Mathematics

Mathematics-Statistics
Chemistry-Botany
Chemistry-Zoology
Chemistry-Geology
Chemistry-Microbiology
Botany-Zoology
Physics-Geology

T.Y.B.Sc. Sem V and VI

ELIGIBILITY :

Semester V
A learner being eligible or the admission to Semester V must have-
Passed in all the courses of Semester I, Semester II, Semester III and Semester IV examinations.

OR

Passed Semester I and Semester II examinations but failed in not more than three courses in each of Semester III and Semester IV. (For all subjects carrying 900 or more marks).

OR

He/She has passed Semester I and II and fails in not more than three courses with not more than total 200 marks, in each of Semester III and IV. (For all subjects carrying less than 900 marks).

OR

He/She passes Semester III and IV and fails in not more than three courses, in each of Semester I and Semester II. (For all subjects carrying **less than 900 marks).**

OR
Chemistry-Botany-Zoology

Undergraduate Degree Programmes (Self-financed COURSEs)

B.Sc. (Bachelor of Science) Degree Programme

F.Y.B.Sc. Biotechnology : Sem I and II

ELIGIBILITY :
Semester I
A candidate for being eligible for admission to the three years integrated programme 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 or its equivalent in science stream.

A candidate who has not offered mathematics and statistics as one of the subjects at H.S.C. (Std XII) shall have to satisfactorily complete a course on mathematics and statistics (of 15 hours duration) during the academic year of F.Y.B.Sc. in which he is admitted.

O.5108
(Extract of circular no.UG/282 of 2007, dated June 16, 2007)

Semester II
A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

COURSES :

Semester I	Semester II
Inorganic and Organic Chemistry	Physical Chemistry
Mathematics	Physics
Biochemistry	Biomolecules and Analytical techniques
Animal Biology and Prokaryotic Diversity Animal cell and tissues	Plant Biology and Eukaryotic Diversity Plant cell and tissue
Prokaryotic Cell Biology and Genetics	Eukaryotic Cell Biology and Model Organisms
Stains and Microscopy, Ecological Interactions and Biotechnology	Isolation and Enumeration, Ecological cycles and Applied Biotechnology
FC	FC

S.Y.B.Sc. Biotechnology : Sem III and IV

ELIGIBILITY :

Semester III
A learner shall be allowed to keep term for Semester III if-
He/She passes each course of Semester I and Semester II examinations.
OR

He/She fails in not more than three courses in each of Semester I and Semester II examinations. (For all subjects carrying 900 or more marks)

OR

He/She fails in not more than three courses with not more than total 200 marks, in each of Semester I and Semester II examinations. (For all subjects carrying less than 900 marks).

Semester IV
A learner shall be allowed to keep term for Semester IV irrespective of grades obtained in each course of Semester III.

COURSES :

Semester III	Semester IV
Applied Chemistry	Biostatistics and Computer Applications
Enzymology, Carbohydrate Catabolism and Bioenergetics	Lipid, Protein and Amino acid catabolism and Oxidative/Photophosphorylation
Electrochemical techniques, Spectroscopy and tracer techniques and Electrophoretic techniques	Centrifugation, Advanced Microscopy and Chromatography
Cell membranes, Cytoskeleton and Genetics	Signal transduction, Apoptosis and Applied genetics
DNA replication, mutation, repair and recombination	Transcription, Translation and gene expression
Applied Microbiology	Basic Immunology and Virology
FC	FC

T.Y.B.Sc. Biotechnology : Sem V and VI

ELIGIBILITY

Semester V
A learner being eligible for the admission to Semester V must have-

Passed in all the courses of Semester I, Semester II, Semester III and Semester IV examinations.

OR

Passed Semester I and Semester II examinations but failed in not more than three courses in each of Semester III and Semester IV. (for all subjects carrying 900 or more marks).

OR
He/She has passed Semester I and II and fails in not more than three courses with not more than total 200 marks, in each of Semester III and IV. (For all subjects carrying less than 900 marks).
OR

He/She passes Semester III and IV and fails in not more than three courses, in each of Semester I and Semester II. (For all subjects carrying less than 900 marks).

OR

He/She has passed Semester III and IV and fails in not more than three courses with not more than total 200 marks, in each Semester I and II. (For all subjects carrying less than 900 marks).

Semester VI

A learner shall be allowed to keep term for Semester VI irrespective of grades obtained in each course of Semester V.

The result of Semester VI shall be kept in abeyance until the learner passes each of courses of Semester I, Semester II, Semester III, Semester IV and Semester V.

COURSES :

Semester V	Semester VI
USBT51	USBT61
USBT52	USBT62
USBT53	USBT63
USBT54	USBT64
Applied Component FOOD PRODUCTION AND PROCESSING	Applied Component FOOD PRODUCTION AND PROCESSING

F.Y.B.Sc. Computer Science : Sem I and II

ELIGIBILITY :

Semester I
A candidate for being eligible for admission to the three years integrated programme leading to the degree of Bachelor of Science (B.Sc) must have passed the 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. Ordinance O.5719

(Extract of circular no.UG/284 of 2007, dated June 16, 2007)

Semester II
A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

COURSES :
Semester I and Semester II

Semester I   Subjects
  1. **Computer Organization and Design**
  2. **Algorithm and Programming with C**
  3. **Free and Open Source Software**
  4. **Web Programming**
  5. **Discrete Mathematics**
  6. **Descriptive Statistics and Introduction to Probability**
  7. **Soft Skill Development**

Semester II
1. **Database Management System**
2. **Programming with Python**
3. **Introduction to Microprocessor and Embedded System**
4. **Data Structure with C**
5. **Calculus**
6. **Statistical Methods and Testing of Hypothesis**
7. **Green Technology**

S.Y.B.Sc. Computer Science : Sem III and IV

ELIGIBILITY :

Semester III
A learner shall be allowed to keep term for Semester III if-
He/She passes each course of Semester I and Semester II examinations.

OR

He/She fails in not more than three courses in each of Semester I and Semester II examinations. (For all subjects carrying 900 or more marks)

OR

He/She fails in not more than three courses with not more than total 200 marks, in each of Semester I and Semester II examinations. (For all subjects carrying less than 900 marks).

Semester IV
A learner shall be allowed to keep term for Semester IV irrespective of grades obtained in each course of Semester III.

COURSES :
Semester III and Semester IV

Semester III Subjects
1. **Theory of Computation**
2. **Core JAVA**
3. **Operating System**
4. **Database Management Systems**
5. **Combinatorics and Graph Theory**
6. **Physical Computing and IoT Programming**
7. **Web Programming**

Semester IV Subjects
1. **Fundamentals of Algorithms**
2. **Advanced JAVA**
3. **Computer Networks**
4. **Software Engineering**
5. **Linear Algebra using Python**
6. **.NET Technologies**
7. **Android Developer Fundamentals**

T.Y.B.Sc. Computer Science : Sem V and VI

ELIGIBILITY

Semester V
A learner being eligible for the admission to Semester V must have-
Passed in all the courses of Semester I, Semester II, Semester III and Semester IV examinations.

OR

Passed Semester I and Semester II examinations but failed in not more than three courses in each of Semester III and Semester IV. (for all subjects carrying 900 or more marks).

OR

He/She has passed Semester I and II and fails in not more than three courses with not more than total 200 marks, in each of Semester III and IV. (For all subjects carrying less than 900 marks).

OR

He/She passes Semester III and IV and fails in not more than three courses, in each of Semester I and Semester II. (For all subjects carrying less than 900 marks).

OR

He/She has passed Semester III and IV and fails in not more than three courses with not more than total 200 marks, in each Semester I and II. (For all subjects carrying less than 900 marks).

Semester VI
A learner shall be allowed to keep term for Semester VI irrespective of grades obtained in each course of Semester V.

The result of Semester VI shall be kept in abeyance until the learner passes each of courses of Semester I, Semester II, Semester III, Semester IV and Semester V.

COURSES :
Semester V and Semester VI

Semester V Subjects
Elective-I (Select Any Two)
1. Artificial Intelligence
2. Linux Server Administration
3. Software Testing and Quality Assurance

Elective-II (Select Any Two)
1. Information and Network Security
2. Architecting of IoT
3. Web Services

Skill Enhancement : Game Programming
Project Implementation

Semester VI Subjects

Elective-I (Select Any Two)
1. Wireless Sensor Networks and Mobile Communication
2. Cloud Computing
3. Cyber Forensics

Elective-II (Select Any Two)
1. Information Retrieval
2. Digital Image Processing
3. Data Science

Skill Enhancement : Ethical Hacking
Project Implementation

4.   **F.Y.B.Sc. Information Technology : Sem I and II**

ELIGIBILITY :

Semester I
A candidate for being eligible for admission to the three years integrated programme 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 or its equivalent with Mathematics and Statistics as one of the subjects and secured not less than 45% marks in aggregate for open category and 40% marks in aggregate in case of reserved category candidates.

(Extract of circular no.UG/283 of 2007, dated June 16, 2007 Ordinance 0.5051)
Admissions will be on merit based on marks in mathematics and statistics at HSC or equivalent examination.

Semester II
A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

COURSES :

Semester I
1.   Fundamentals of Algorithm and C++ Programming
2.   Computer Organization and Microprocessor
3.   System Programming
4.   Discrete Mathematics
5.   Professional Skills

Semester II
1.   Object oriented Programming and Data Structures
2.   Database Management Systems
3.   Web Technology
4.   Numerical and Statistical Techniques
5.   Computer Networks

S.Y.B.Sc. Information Technology : Sem III and IV

ELIGIBILITY :

Semester III
A learner shall be allowed to keep term for Semester III if-
He/She passes in each course of Semester I and Semester II examinations.

OR

He/She fails in not more than three courses in each of Semester I and Semester II examinations. (For all subjects carrying 900 or more marks)

OR

He/She fails in not more than three courses with not more than total 200 marks, in each of Semester I and Semester II examinations. (For all subjects carrying less than 900 marks).

Semester IV
A learner shall be allowed to keep term for Semester IV irrespective of grades obtained in each course of Semester III.

COURSES :
Core Subjects

Semester III
1. Python Programming
2. Data Structures
3. Computer Networks
4. Database Management Systems
5. Applied Mathematics

Semester IV
1. Core Java
2. Introduction to Embedded systems
3. Computer Oriented Statistical techniques
4. Software Engineering
5. Computer Graphics and Animation

T.Y.B.Sc. Information Technology : Sem V and VI

ELIGIBILITY

Semester V
A learner being eligible for the admission to Semester V must have-
Passed in all the courses of Semester I, Semester II, Semester III and Semester IV examinations.

OR

Passed Semester I and Semester II examinations but failed in not more than three courses in each of Semester III and Semester IV. (for all subjects carrying 900 or more marks).

OR

He/She has passed Semester I and II and fails in not more than three courses with not more than total 200 marks, in each of Semester III and IV. (For all subjects carrying less than 900 marks).

OR

He/She passes Semester III and IV and fails in not more than three courses, in each of Semester I and Semester II. (For all subjects carrying less than 900 marks).

OR

He/She has passed Semester III and IV and fails in not more than three courses with not more than total 200 marks, in each Semester I and II. (For all subjects carrying less than 900 marks).

Semester VI
A learner shall be allowed to keep term for Semester VI irrespective of grades obtained in each course of Semester V.

The result of Semester VI shall be kept in abeyance until the learner passes each of courses of Semester I, Semester II, Semester III, Semester IV and Semester V.

COURSES :

Core Subjects

Semester V
1Software Project Management   2. Internet of Things 3. Advanced Web Programming
4. Elective 1- a) Artificial Intelligence   b) Linux system administration   5. Elective II – a) Enterprise Java b) Next Generation Technologies   6. Project Dissertation

Semester VI
1. Software Quality Assurance 2. Security in Computing   3. Business Intelligence   4. Elective I - A) Principles of Geographic Information System b) Enterprise Networking   5.Elective II - a) IT Service Management   B) Cyberlaws   6. Project work

Biotechnology

About the Department

The mission of our department is to equip students to address the needs of the 21st century with respects to biological science applications. Biotechnology will offer many solutions in medicine, agriculture, food processing and environmental pollution in the future. Students need to be able to make contribution in all these areas and the mission of our department is to facilitate this revolution in our country.

"Biotechnology", is to be the leading sector of growth in the next decade in India & the world. The expansion of this sector will create more than one million jobs in India in the next 5 years (India Today, Aug 2004).

Our college has understood the potential of this sector and has started both an under graduate degree course & a post graduate course in Biotechnology. The Biotechnology degree & post graduate course have commenced in June 2002 & 2008 respectively. These are considered to be a premier courses with a limited number of students to ensure a good student teacher ratio. A credit based system is followed by our college for assessment. We are an autonomous college affiliated to the University of Mumbai and have made our syllabus more updated and relevant.

The department has two laboratories (one for the undergraduate & one for the post graduates) to conduct the required practical, and also a separate preparation, inoculation and an instrument room. The department has the following instruments : microscopes, colorimeters, and a number of electrophoresis apparatus, a LAF, a cooling centrifuge and a PCR machine. Department is equipped to conduct bioinformatics, microbiology, biochemistry, molecular biology, PTC & ATC practicals. Laboratory course work is an integral part of the curriculum, with practicals in all the above-mentioned subjects. The course lays great emphasis on hands-on experience thus translating the subjects taught to practical knowledge that the students are able to grasp, visualize and comprehend.

To give the student a dependable & solid foundation the staff has included a number of practices that enhances a student's academic knowledge along with the development of soft skills. The department conducts a number of unique methods of learning. This includes BIOZONE (student presentation assignments) & Abhyas Mahotsav (seminar series by leading scientist) along with industrial visits. A number of our students are doing well for themselves in Indian and foreign universities and regular inputs from them helps us keep our syllabus and teaching methods relevant and effective.

Our students have openings in medicine & microbiology research and analysis, pharmaceuticals & biochemistry, genetics & molecular biology, agriculture & animal husbandry sciences, food & nutrition, ecology & environmental science, bioinformatics, biostatistics & IPR.

M.Sc. in Biotechnology

ELIGIBILITY :

The learners who have either passed Bachelor's Degree Examination of University of Mumbai in Science/Technology or equivalent Degree of any other University recognized as equivalent thereto with the following combination of Subject/s as Major and Ancillary Subject/s :

MAJOR	ANCILLARY
Life Sciences, Botany Zoology, Microbiology, Biotechnology, Applied or Allied Biological Sciences	Chemistry up to second year level
Chemistry, Biochemistry	Any Biology Subject
Physics	Any Biology Subject
Agriculture/Fisheries Sciences/ Veterinary Sciences	-
Computer Sciences	Biological Science / Chemistry Physics up to Second year B.Sc.
Bioinformatics	-
Bachelor's Degree (B.E. / B.Tech.) in Biotechnology/Bioinformatics/ Information Technology	With or without any one of the Biological Sciences Subject as the case may

M.Sc. in Information Technology

ELIGIBILITY :

The Bachelor's degree in the Faculty of Science/Technology of this University or equivalent degree of recognized Universities with major and ancillary Subjects at undergraduate level as detailed below :

MAJOR	ANCILLARY
Mathematics	-
Physics	Mathematics (4 Units)
Statistics	Mathematics (4 Units)
Life Sciences	Biochemistry or Chemistry with Mathematics or Statistics in first and second year OR Computer Science OR Information Technology up to second year of Bachelor's Degree
Medicine	Chemistry/Microbiology

Bachelor's degree in Technology (B.Tech./B.E.) in Engineering/   -
Computer science/Information Technology

Bachelor's Degree in Computer Sciences   -
B.C.A./B.C.S./Information Technology

M.Sc. Environmental Science
(Self-financing)

About the Department of Environmental Science

The mission of the Department of Environmental Science is to build and intimate relationship with nature through experiential learning and to encourage the sustainable management of resources, the protection and restoration, when necessary of the natural environment through changes in public policy and individual behavior through education, research, outreach and network on environment.

This two-year M.Sc. in Environmental Science course has an international appeal due to its particularly strong scientific underpinning to environmental analysis, with field, practical and laboratory work. Established in 2010, it combines the joint expertise of various departments in Somaiya Vidyavihar Campus.

The M.Sc. programme provides professional skills to the students in the key areas of Environmental Science such as Environmental Management, Biodiversity Assessment and Conservation, Pollution Control and Waste Management, Environmental Biotechnology, Ecological Economics, Environmental Impact Assessment, Environmental Law, Policy and Planning and Remote Sensing and Geographical Information System, Climate Change and Central Disaster Management (CDM).

Eminent scientists, researchers and environmentalists are invited from various research organizations, NGOs and universities to interact with the students. This ensures wide access to practitioners knowledge and understanding of the scientific processes, procedures and policies involved in the day-to-day management of the environment. In effect, this M.Sc. is the only truly inter-disciplinary, science-based postgraduate course of its kind in Mumbai.

For the practical and professional training of the students, the Institute has fully equipped experimental laboratories, computers and GIS laboratory, library, seminar room and lecture rooms with modern facilities as well as filed experimental facilities. In the Institute, the students are trained to analyze and assess environmental systems and problems and to develop policies and strategies for sustainable environmental management.

The Institute is going to expand Ph.D. programme in Environmental Science.

Career Opportunities

- Industry (Environmental Impact Assessment, Sustainable Resource Management, Waste Management, Environmental Biotechnology, Ecotechnology).
- Government and Business Sector (Environmental Manager, Environmental Consultant, Analysis)
- Universities and Research Institutes (Teaching and Research)
- Indian Forest service/Indian administrative services.
- Non-governmental Organizations at National and International Levels.
- Entrepreneurships in Organic farming, Ecotourism, Mass Media, Environmental journalism etc.

During and after completion of M.Sc. degree from the Department, students have been doing their internship in National institutes like, National Institute for Oceanography, NEERI, RCF, Industries TCS, Godrej, CDM projects, Pollution Control laboratories, Remote Sensing and GIS Application Centre, Various NGOs viz BNHS, Envirovigil, and independent projects of social relevance in the department.

COURSE CO-ORDINATOR :

Dr. Sugandha Shetye, Dean (Academic Affairs)

Associate Professor and dedicated green teacher from Department of Chemistry (Ph.D. Chemistry).

Contact No. : 9819500324

Email : sugandha@somaiya.edu

Faculty :

The institute has professionally trained teaching staff and visiting faculty

1. Dr. Sanjay Joshi, Assistant Professor (Ph.D. Zoology)
2. Mr. Chinmay Khanolkar (M.Sc. Environmental Science)

SUPPORTING STAFF :

3. Mr. Ajay Pol, Laboratory Assistant, NCTVT
4. Mr. Amit Yadav, Laboratory Attendent

M. Sc. in Environmental Scineces

ELIGIBILITY :

The Bachelor's degree in the Faculty of Science of University of Mumbai or equivalent Degree of recognized University in the Subjects of Life Sciences, Botany, Zoology, Microbiology, Computer Sciences, Bioinformatics, Chemistry, Biochemistry and Applied or Allied Biological Sciences.

OR

The Bachelor's Degree in the Faculty of Technology/Medicine of this University or equivalent Degree of recognized University with the background of courses in Life Sciences up to second year of under-graduation.

OR

The Bachelor's degree in Agriculture/Fisheries Sciences/Veterinary Sciences of recognized Universities.

OR

Bachelor's Degree in Technology (B.E./B.Tech.) of the University of Mumbai or equivalent Degree of recognized University in the Subject of Biotechnology/Biomedical Engineering/Information Technology/Bioinformatics/Civil Engineering/Chemical Engineering/Production Engineering with following Major and Ancillary Subjects :

MAJOR	ANCILLARY
Life Sciences, Botany, Zoology, Microbiology, Chemistry, Biochemistry Physics	Chemistry up to second year level Biotechnology Any Biology Subject Any Biology Subject
Agriculture/Veterinary Sciences/Fisheries Sciences Computer Sciences, Bioinformatics	- Biological Sciences/Chemistry/Physics upto Second year B.Sc.
Information Technology	-
Bachelor's Degree in Medicine (M.B.B.S./B.D.S.)	-
Bachelor's Degree (B.E./B.Tech.) in Biotechnology/Biomedical Engineering	Bioinformatics/Information Technology, With or without any one of the Biological Sciences Subjects as the case may be
Bachelor's Degree (B.E./B.Tech.) in Civil Engineering/Production Engineering/Chemical Engineering	Environmental at any Engineering as a Subject of the first four Semesters

Nutraceuticals

M.Sc. Nutraceuticals (Self financing)
About Department of Nutraceuticals
The Department of Nutraceuticals aims to work with nutrition as the main tool as well as the target towards health of mankind. This two-years masters program in Nutraceuticals trains the students for all facets of Nutraceutical industry. It teaches them to choose the raw material, analyze its suitability on the basis of its chemical profile, and trace of contaminants. Use of different techniques gives them a way to manufacture Nutraceutical supplements without losing their nutritional values. An extensive knowledge about food laws, patents, consumer behavior makes them thorough about the sustainability and growth of these Nutraceuticals in the international market. The comprehensive syllabus gives the students a chance to understand the biochemistry of what we eat, how it gets metabolized and affects the physiology, along with the dietary adjuvants under normal and disease conditions. Considering Man's age old battle with Cancer, and the challenge of staying healthy with current life style, it is must one start looking in to nutrition in a wiser way. This program brings together the knowledge about food and nutrition from all disciplines of science. The practical training at different renowned industries also helps them to chose one aspect and excel in it. It is said, "What We Eat, We Become". Man has come a long way from being just an organism who feds to survive, to the most dominant species on this planet. Man's ability to understand the link between different events, and then apply this information for a better outcome is one prominent reason behind this progress. The M.Sc. Nutraceutical program offers an opportunity to get a glimpse of traditional Ayurveda and then make sense of its mode of action using modern technology. Being able to bridge these gaps will one day enable man to drive away diseases and have a healthy lifestyle based only on FOOD.

Career opportunities
Nutritionist
- Normal healthy subjects different age groups
- Disease conditions-Cancer
- Cardiovascular Disease Diabetes Eating Disorders, etc.

Research
- Cancer
- Infectious diseases Drug designing
- Food supplements for Health Adjuvants for different therapies

Industry
- Food/Nutraceutical
- Pre-production testing
- Phyto-chemical profiling
- Product designing
- Quality control
- Market analyst
- Patent filing

Entrepreneur Teaching
Contact-Dr. Veena Salvi (Ph.D. Biochemistry, Post DOC-USA) Assistant Professor, Department of Botany
Email : veena.salvi@somaiya.edu | Mobile No - 91-9867953031

M.Sc. in Nutraceuticals

ELIGIBILITY :

The Bachelor's degree in the Faculty of Science of this University or equivalent degree of this University or of any other recognized University with Biological Sciences/and Chemistry as Major and Ancillary Subjects at undergraduate level as provided below :

MAJOR	ANCILLARY
Life Sciences Biochemistry	Biochemistry, Chemistry Biology/Chemistry/Statistics/Mathematics/ Botany/Zoology/Microbiology/Life Sciences
Microbiology, Botany, Zoology, Biochemistry, Biotechnology or any other Biological Sciences	Chemistry up to second year of Bachelor's Degree Bachelor's Degree
Chemistry	Any Biological Sciences Subject up to second year of Bachelor's Degree

A candidate for being eligible for admission to the M.Sc. Degree course in Nutraceuticals must have passed from any recognized University in India with minimum 50% marks in aggregate for students belonging to general category and 45% marks for students belonging to Reserved category or equivalent grade with any of the following science subjects up to the second year of the B.Sc. course : Chemistry, Botany, Zoology, Microbiology, Life Science, Biotechnology, Biochemistry. Alternatively students with degree in Medical sciences or Graduation in food and nutrition sciences or Pharmacy with aggregates marks as mentioned above for B.Sc. degrees are also eligible.

COURSES : As per University of Mumbai syllabus

M.Sc. Applied Statistics

PREAMBLE

The underlying philosophy of the M.Sc. statistics course is to develop theoretical and analytical skills of the students so that they may be absorbed in the corporate world or be able to pursue higher research work in Statistics. In the rapidly changing globalized market scenario, the need was felt to equip students with the capability to understand and handle the dynamic of statistics and the business world.

AIMS

The syllabus aims are to:

o   develop an understanding and application of statistical concepts and skills in the economic and social aspects
o   appreciate the beauty and crucial role of statistics in national development
o   enable efficient use of electronic devices to solve statistical problems
o   develop the ability to use statistical knowledge and skills in other disciplines
o   stimulate the exercising of value decisions/judgments based on the scientific approach
o   acquire a suitable foundation for further studies and related disciplines

Semester 1	**Semester 2**
Probability Theory and Distribution Theory	Multivariate Analysis
Theory of Estimation	Testing of hypothesis
Sampling techniques	Design of Experiments
Linear Models-I	Linear Models-II

Semester 3	**Semester 4**
Financial Mathematics	Operation Research
Time Series Analysis	Research Methodology
Clinical research	Data Mining
Statistical Process control	Econometrics

M.Com. (Master of Commerce) Post graduate Degree Programme

ELIGIBILITY :

Semester I
A learner for being eligible for admission to the Post Graduate Programme i.e. Master of Commerce, shall have passed the examination for the degree of Bachelor of Commerce (three years/Six Semester integrated course) or the degree B.Com. (Old Course) or the other Semester based Programmes i.e. bachelor of Commerce (Banking & Insurance) or Bachelor of Commerce (Accounting & Finance) or Bachelor of Commerce (Financial Markets) or Bachelor of Management Studies (B.M.S.) of this University, or an examination of any other University recognized as equivalent thereto.

Semester II
A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

Semester III
A learner shall be allowed to keep term for Semester III notwithstanding that he/she may not have appeared for Semester I and/or Semester II Examinations/or failed in one or more courses at Semester I and/or Semester II.

Semester IV
1. A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in Semester III. However learner has to pass each course of Semester I and Semester II in order to appear for Semester IV.
2. A learner can appear for Semester IV Examination but the result of Semester IV shall be kept in abeyance until the learner passes each of Semester I, Semester II and Semester III.

No.UG/10 of 2012, Dated 27th February, 2012

COURSES : As per University of Mumbai syllabus

M.Sc. (Master of Science) Post graduate Degree Programme

ELIGIBILITY:

Semester I

The B.Sc. degree examination of this University or degree of any other University recognized as equivalent thereto with Minimum 46 credits or its equivalent (i.e. the minimum credits required for majoring in a subject, and excluding the credits for optional courses) of the subject which he wants to offer for the M.Sc. degree course by papers.

Circular No.UG/09 of 2012, Dated 21st February, 2012

Semester II

A learner is eligible to be admitted to Semester II irrespective of number of heads of failure in the Semester I.

Semester III

A learner should be allowed to keep term for Semester III notwithstanding that he/she may not have appeared for Semester I and Semester II examination/s or failed in one or more courses at Semester I / II.

Semester IV

A learner shall be allowed to keep terms for Semester IV irrespective of number of courses of failure in Semester I /II/ III.

A learner can appear for Semester IV examination but the result of Semester IV shall be kept in abeyance until the learner passes each of Semester I, II and III.

COURSES : Autonomy Syllabus

The Somaiya Trust, in its long standing tradition to keep on par with emerging trends in Arts, Commerce, Science and Technology, has pioneered several bold initiatives in the field of education.

Shri Samir Somaiya, techno-literate, M. D., of the Somaiya Group, envisioned a "World Class Centre", in remote Sensing and GIS, in Somaiya Vidyavihar Campus. This was realized through the initiation of the Centre for Remote Sensing and GIS (CRSGIS), in the K. J. Somaiya College of Sc. & Commerce, by the Principal Dr. R. S. Hande. The primary objective of the Centre is to impart and disseminate knowledge in the field of "Remote Sensing Technology (RST) & Geographic Information Systems (GIS)".

Since its initiation in July 2004, the Centre has successfully held several One-day workshop, seminars and short duration Certificate Course.

Career Oriented Certificate and Diploma Course approved by the University of Mumbai, are open to students who are currently enrolled in undergraduate and Graduate programs. The courses are offered as ADD ON courses to be taken concurrently with their ongoing programs.

Workshops and Training Programmes are open to candidate who are sponsored by their organizations, which include Private Companies/Central/State Govt. bodies/Autonomous Institutes and Universities and Colleges. Sponsoring organizations are required to meet all expense, viz. TA, DA, Contingent, Boarding, lodging and Medical expenses etc. Self sponsored candidates pay full fee.

UGC-New Delhi, under the UGC Scheme for teaching and research in interdisciplinary and emerging areas (Innovative Prgramme, X^{th} Plan), has sanctioned financial grant to start the One year Post Graduate Diploma Course in RST & GIS, the first of its kind of Mumbai.

Students seeking further information/clarifications/counseling, such as details of eligibility conditions, course duration, course fee etc. regarding the course to enable them take an informed decision are advised to meet, Programme Coordinator, or the Centre Administrative Assistant, 6th Floor, Annexe Building, Engineering College.

Remote Sensing & Geographic Information Systems

Remote Sensing (RS) deals with the use of Satellite images and their analysis for providing up to date information of surface features. The most useful characteristic is the multi spectral and temporal resolution of the data. That is, images are obtained in different portions of the electromagnetic spectrum and the same area is imaged with a specified periodic time interval. Remote Sensing has been traditionally used for study of natural resources. With improved technology in the sensors, finer resolution of the ground date has been possible. Therefore RS is now being used to create base maps for GIS applications.

Geographic Information Systems (GIS) is a technology, which enables the analysis of date related to entities, which have geographic distribution. The relationship between distributed entitles is termed as a spatial relationship. GIS helps in undertaking spatial analysis and is therefore applicable to a wide variety of discipline. In recent times GIS has found acceptance among many organizations who wish to use this technology to optimize their daily operations and provide better service to their customers.

RS & GIS are increasingly being used to monitor the natural resources, mining telecommunications, Utilities, Ground Water assessment, Linking of rivers, National agriculture Atlas, state/district level crop yield estimation etc. besides several ongoing national and state level projects. These applications from a direct input in preparing national politics. RS & GIS can also be used to monitor the effect of environmental management techniques in adhering to global norms.

The subject of Remote Sensing (RS) and Geographic Information Systems (GIS) emcompasses several disciplines and it is this interdisciplinary nature of the technology that sets it apart from other technologies.

This is evinced from its wide applications in varied disciplines and faculties, Geoscience, Bioscience, Life Sciences, Environmental Science, Physical sciences, Hydrology, Engineering, Medical Sciences, Information technology, Retail mapping, Library Information systems, Wildlife habitats, Wetland mapping, Utilities (Telecommunications, Electrical, Hydro), Business Decisions, Facilities Mapping, Asset Management etc.

Socio-Economics use it to analyze demographic data from a spatial perspective Ecologist, Biologists and Environmental Scientists study habitats and climatic phenomena Geographers and Urban Planners derived developmental plans and predict future growth. Earth Scientists use it in mineral exploration and natural resources. Retail and Distribution Agencies use it to map their distribution network and to optimize logistics leading to higher efficiency and lower costs. Law Enforcement Agencies study crime patterns and develop more effective remedial measures. Rehabilitation Organizations map the effects of natural disasters to plan their relief operations. Agriculturists effectively use it to evaluate cropping pattern and derive maximum yield. Life Scientists study the pattern of incidence of disease to find the causative factors and initiative preventive measures.

Together RS and GIS provide a formidable means of addressing many problems affecting the day-to-day life of mankind.

Courses offered Through The Centre
I. Certificate Remote Sensing Technology And Geographic Information System
(University of Mumbai Affiliation)

Eligibility :

A candidate for being eligible for admission to such Certificate Course, shall have enrolled himself/herself with the University of Mumbai and taken admission to any of the Undergraduate or post graduate courses under Faculty of Science/Arts/Commerce in the constituent/affiliated colleges/recognized institutions of the University of Mumbai.

A candidate who has already successfully passed the B.A./B.Com./B.Sc. or M.A./M.Com./M.Sc. degree of this University or any other University equivalent thereto shall also be eligible to enroll himself/herself for such Certificate Course, being conducted in the constituent/affiliated colleges/ recognized institutions of the University of Mumbai

Notwithstanding anything contained above, a candidate shall have to fulfill minimum admission criterion for the Certificate Course as given below, considering the contents of such course and the minimum maturity level of the candidates to grasp, appreciate and derive maximum benefits from such courses.

Sr. No.	Name of Certificate Course	Minimum Entry/Admission level required
1	Remote Sensing Technology	First year students of any faculty and

		Geographic Information Systems

A candidate, who is a regular student, shall pursue such Certificate Course simultaneously while he/she is studying for his/her B.Sc./B.A./B.Com. or M.A./M.Com/M.Sc. degree of University of Mumbai.

Duration :
The Certificate Course will be an Add-on Course and shall be conducted for 12 weeks in each terms of the academic year.

Notwithstanding contained above the Summer/Diwali/X-mas vacation if need be, shall be suitably utilized for the completion of such Certificate Courses.

No. of students per batch : 20 students

II. Diploma In Remote Sensing Technology And Geographic Information Systems (University of Mumbai Affiliation)

Eligibility :
A candidate for being eligible for admission to such a Diploma Course, shall have enrolled himself/herself with the University of Mumbai and taken admission to any of the Undergraduate or post graduate courses under Faculty of Science/Commerce/Arts in the constituent/affiliated colleges/recognized institutions of the University of Mumbai.

A candidate who has already successfully passed the B.A./B.com/B.Sc. or M.A./M.com/M.Sc. degree of this University or any other University equivalent thereto shall also be eligible to enroll himself/herself for such Diploma Courses, being conducted in the constituent/affiliated colleges/ recognized institutions of the University of Mumbai.

Notwithstanding anything contained above, a candidate shall have to fulfill minimum admission criterion for the Diploma Courses as given below, considering the contents of such course and the minimum maturity level of the candidates to grasp, appreciate and derive maximum benefits from such courses.

Name of Certificate Course	Minimum Entry/Admission level required
Diploma in Remote Sensing Technology and Geographic Information Systems.	Second year students of any faculty or Certificate Course in Rs & GIS or equivalent

III. One Year Post Graduate Diploma Course In Remote Sensing Technology And GIS (UGC Sanctioned) (Universityof Mumbai Affiliation)

Eligibility:

A candidate shall have to fulfill minimum admission criterion for the One Year Post Graduate Diploma Course as given below, considering the contents of such course and the minimum maturity level of the candidates to grasp, appreciate and derive maximum benefits from such course.

Duration:

The one year Post Graduate Diploma Course will be a FULL TIME course and shall be conducted for 24 weeks each in Two semesters

Name of Course One Year Post	Duration Two (2)	Minimum Entry / Admission level Required **Any** of **the Following :**
Graduate Diploma	Semesters	1. Graduate in Geology, Geography, IT, Engg., In & Civil Diploma Holders with minimum 45 percent marks OR
Remote Sensing Technology and Geographic Information Systems	Full Time	2. Any Graduate other than above, with minimum 45 percent marks and with a valid Certificate / Diploma / Advanced Diploma in Remote Sensing & GIS of 60/120/240 hours reply. OR
		3. Any Postgraduate with 45 percent marks.

No. of students per batch : 20 students

The one year Post Graduate Diploma Course shall consist of six theory papers and one special theory paper and second semester of Industrial visit and project work completed in the Institution / Industry/ Research Organisation.

One day / two day Orientation course for those needing it, may be conducted by the college at the beginning of the course, so that students opting for this course are better prepared to receive the intended course work.

Scheme of Examination :

a) The One Year Post Graduate Diploma Course shall consist of :

Six Theory Papers (100 marks each x 6 = 600 marks)

Six Practicals : (50 marks each x 6 = 300 marks)

One Special theory Paper : (100 marks x 1=100 marks)

Industrial visit and its report : (30 marks)

Project (250 marks)

and Viva Voce   : (20 marks)

    : T h u s   T o t a l i n g   t o   1300 marks

b). The One year Post Graduate Course shall be covered in 210 lectures (30 lectures per paper i.e. 04 lectures per unit), 48 Practicals (4 hours per week for 48 weeks) and 48 hours of project guidance per batch

c) The examination shall be conducted at the end of each Semester 24 weeks after the commencement of the One Year Post Graduate Diploma Course.

Semester I (Papers I - IV)

- Paper I Practical I   Principles of Satellite Remote Sensing
- Paper II Practical II
- Paper III Practital III   Principles of Aerial Photography and Photogrammetry
- Paper IV Practical IV   Computer Methods and Programming

Semester II (Papers V - VII, Project, Industrial Visit)

- Paper V   Practical V   Digital Image Processing

- Paper VI   Practical VI   Geographic Information Systems

- Paper VII   Special   Paper   on   Project Implementation

- Project   Project Report

- Industrial Visit   Industrial Visit Report

Head of Passing:

The examination shall consist of the following Head of Passing. Maximum marks assigned to each head and minimum marks required for passing in each head as detailed in the following table.

- Standard of Passing

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For Semester I :

A candidate shall be declared to have successfully passed the Semester I of the One Year Post Graduate Diploma in Remote Sensing and GIS Candidate must obtain 40% marks in each Theory / Practical subject for Semester I examination

a) A candidate shall be allowed to keep terms for Semester II if he/she passes in Semester I, OR if he/she fails in not more than two theory/Practical papers of Semester I

b) If a candidate fails to score minimum marks for passing in any two or more Heads of Passing he/she will be declared unsuccessful for the award of the certificate.

c) However, the candidate shall be given the exemption in the heads in which he/she has passed and he/she shall be allowed to appear for the examination again only for the Heads in which he/she has failed.

For Semester II :

A candidate shall be declared to have successfully passed the Semester II of the One Year Post Graduate Diploma Course in Remote Sensing and GIS.

a) Award of Class : As per the prevailing norms for other science subjects Award of Class

Pass Class   40%Marks of SEM I & II taken together

Second Class   50%Marks of SEM I & II taken together

First Class   60%Marks of SEM I & II taken together

Distinction   70%Marks of SEM I & II taken together

The class will not be awarded to the candidates who are repeaters.

Dr. (Mrs.) G. Veena Rao

Programme Coordinator. CRSGIS 6'ʰ Floor, Annexe Building, Engineering College docgvr@somaiya.edu

Honors Programme

ELIGIBILITY: Any student enrolled in FY/SY can apply for Honors Programme.

a. More than 70% marks at SSC and HSC Examination. b. Minimum 5 CGPA in each of the previous semester examination c. Passed in the first attempt (no additional / supplementary examination /ATKT) d. Good academic track record e. For exceptional students not having the above academic record, the mentor can give recommendation.

REQUIREMENT :

Credits A student has to earn 20 credits in an inter disciplinary course project and 10 credits in community service/ social service in three years.

Mentor A student will be assigned a mentor who will guide him / her on regular basis. There is no contact lecture that a student has to attend for the credits in Honours Programme. The student should be in touch with the mentor on regular basis to take the guidance.

Evaluation Evaluation to award additional credits will be done by panel of examination at the end of each semester.

COURSE CO-ORDINATOR :

Dr. Suganda Shetye (Assistant Professor, Chemistry Department) suganda@somaiya.edu

LIST OF CERTIFICATE / DIPLOMA COURSES

Name of Department	Name of Certificate / Diploma Course
Accountancy	1. Certificate course in Computerized Accounting TALLY ERP and e-Filing procedures for Income Tax and GST
Biochemistry	1. Diploma / Certificate course in Nutrition, Dietetics and Food Service Management
Botany	1. Certificate course in Cosmetics. 2. Diploma in in-vitro propagation and processing of medicinal plants.
Business Communication	1. Certificate course in Communicative English
Business Law	1. Certificate course in Cyber law
Chemistry	1. Advanced Diploma course in Instrumental Analysis 2. Certificate Course in laboratory techniques (CCLT)
Commerce	1. Certificate course in HRM
Economics	1. Certificate course in Introduction to Economics with Practical Application
Environmental Studies	1. Certificate course in Disaster Management
Geology	1. Certificate course in "Geographic Information Systems" 2. Certificate course on Natural Hazards and Disaster Management.
Mathematics	1. Diploma course in Calculus 2. Certificate course in Computational Mathematics (formerly called Computer based education in Mathematics) 3. Certificate course in Basic Mathematics
Microbiology	1. Certificate course on Intellectual Property Rights
Physics	1. Certificate course on Introduction to Nanoscience and Nanotechnology 2. Certificate course on Embedded Systems 3. Certificate course in Astronomy and Astrophysics
Statistics	1. Certificate course in "Interdisciplinary Basic course in Statistics" 2. Certificate course in "Six-sigma certification"
Zoology	1. Certificate course in Fundamentals of Zoology 2. Certificate course on An Introduction to Cancer Biology

Fee Structure 2018-19			
CLASS	OPEN / RESERVED FULL FEES	RESERVED	OUT OF MAHARASHTRA
F.Y.B.SC.	10785/-	4915/-	11185/-
F.Y.B.COM.	9485/-	4915/-	9885/-
F.Y.B.SC. (BIOTECH)	31105/-	4985/-	31505/-
F.Y.B.SC. (COMPUTER SCIENCE)	31105/-	4985/-	31505/-
F.Y.B.SC. (I.T)	26655/-	4885/-	27055/-
F.Y.B.COM. (ACCOUNTING & FINANCE)	23405	4935/-	23805/-
F.Y.B.COM. (FINANCIAL MARKETS)	23405	4935/-	23805/-
F.Y.B.M.S.	23105	4935/-	23505/-

- Fees are likely to be revised.
- Housekeeping & Maintenance / Security charges toward college premises and campus infrastructure facilities.
- Activity fees for the expenses towards various activities conducted throughout a year.

Mode of Refund of Fees

For Under-graduate Degree Programmes (Reference No.-UG /412 of 2008)

0.2859

Refund of Tuition, Development and All other Fees after Cancellation of Admission The candidates who taken admission in under-graduate programmes may request for refund of fees after applying in writing for cancellation of their admission to the programme. The refund of fees as applicable shall be made on or before 30th day after the date of cancellation and thereafter. The percentage of fees for the programme shall be refunded to the candidate after deducting charges as follows.

Table for Fee Deduction on Cancellation of Admission

Sr. No.	Period	Deduction Charges
1.	I Prior to commencement of academic term and instruction of the programme	500/- lump sum

2.	Upto 20 days after the commencement of academic academic term of the programme	20% of the total amount of fees
3.	From 21 day upto 50 days after commencement of the academic term of the programme	30% of the total amount fees
4.	From 51 day upto 80 days after the commencement of academic term of the programme or August 31' whichever is earlier.	50% of the total amount of fees
5.	From September 1' to September 30'n	60% of the total amount of fees
6.	After September 30	100% of the total amount of fees

Note : The total amount considered for the refund of fees from the commencement of academic term of the programmes includes the following :

I.   All the fee items chargeable for one year are as per relevant University Circulars for different faculties (Excluding the programmes for which the total amount is fixed by other competent authorities).

II. II. The fee charges towards group insurance and all fee components to be paid as university share (Including Vice chancellor's fund. University fee for sports and cultural activities, E-charge, disaster management fund, examination fee, N.S.S. cell fund and enrolment fee.) are none-refundable if payment is made by the college prior to the date of cancellation.

III. Fee collected for identity card and library card. admission form and prospectus, enrolment fee are not refundable after the commencement of the academic term.

IV. All refundable deposits (Laboratory, caution money, library etc.) shall be fully returned at the time of cancellation.

Mode of refund of fees For Post-graduate Degree Programmes (Reference No.-UG /253 of 1996)

0.3574.

a.   The registration fee once paid for the post-graduate programme will not be refunded for any reason.

b.   The tuition fee paid by a candidate for the programme in which he / she is registered as a post-graduate learner will be refunded to him / her if he / she leaves the said programme without attending any lectures, seminars or practical, subject to a deduction of 20% of the tuition fee there from the administrative charges. An application by the candidate for such refund will only be entertained if it is received by the Principal within fifteen days from the date of commencement of the lectures of the semester in which the fee is paid.

c.   The tuition fee paid by a candidate for the programme in which he / she is registered as a post-graduate learner will be refunded to him / her if he / she leaves the said programme and joined the another programme of this University for which he applied at the same time and then selection form the new programme of this University is made later, subject to a deduction of 20% of the tution fee there from for the administrative charges. An application by the candidate is entertained if it is received by the Principal within fifteen days from the date of his paying tuition fee for the new programme.

⌗ Examination System

Scheme for evaluation for continuous assessment under Choice Based Credit System

In the credit-based semester system under continuous evaluation there will be an internal evaluation and semester end evaluation. In the internal evaluation a candidate is tested on the conceptual understanding of the topics dealt with. The internal evaluation will be for 40 marks and the external evaluation will be for 60 marks. A minimum of 40 % marks are needed to pass the internal and external components of an examination separately.

A student can choose any one of the following options for internal evaluation:

Option A : It is based on the continuous evaluation principle. Every month there will be multiple examinations for the portion taught. There will be various activities assigned to the students. Average of all the score will be taken. Examination can be taken during regular lectures / practical / tutorials. There need not be a prior intimation about the examination.

Option B : Project in the respective course

Option C : Book Review

A student can opt for option B / C for maximum of 50% of their courses.

e.g. For a semester if a student has to do 7 courses then the student can opt for option B/C for a maximum of 3 courses.

Option A: The regular tests can be of objective type and descriptive type which can include theory/practical oriented questions including problems. 10 marks are allotted for activities that will enhance learning.

Option B : The project will be done by one or group of students depending upon the nature of the project. The project is expected to go beyond the scope of the syllabus. The student will compile a short 20 page report describing the project and the process of completion of the project and the conclusion drawn from the project. The student will have to present the same to the subject expert along with another reviewing committee. There will be two examiners appointed by the examination board for evaluating the presentation (out of 20 marks). The written part of the project will be evaluated out of 20 marks.

Option C : A student can select the book in consultation with the mentor. The book selected may not be related to the syllabus covered in that course. But the book must go beyond the scope of the syllabus. The book must contain at least 200 pages or as decided by the mentor. The student will compile a short 20 pages report. The student will have to present the same to the subject expert along with another reviewing committee. There will be two examiners appointed by the examination board for evaluating the presentation (out of 20 marks). The written report will be evaluated out of 20 marks.

In semester III and IV of S.Y.B.Sc in subject of Mathematics (subject to change) and S.Y.B.Com. (Subject Computer programming) and Semester V and VI of T.Y.B.Com. (Subject Computer System and application,) the practical evaluation will be considered as the internal evaluation and the students cannot opt for any other option.

Semester end examination

Semester end examination will be of 60 marks, 2 hours duration for all the courses of all semester. Only Courses in Semester V and VI of Science faculty will be of 2hours and 30 minutes duration (subject to change). Question will be based on the entire syllabus and each unit will be given equal weightage. A minimum of 24 marks are needed to pass the semester end examination.

Practical courses will be of 100 marks. In Semester III and IV of B. Sc. the practical examination will be of 150 marks. The practical examination of Mathematics in Semester III and IV in S. Y. B. Sc. (subject to change) in S. Y. B. Corn. for computer programming and in Semester V and VI of T. Y. B. Corn. computer system and application the practical will be of 40 marks and they will be treated as the internal evaluation for the course. A minimum of 40 marks out of 100 are needed to pass the Practical examination.

A student who does not get the minimum marks for passing a course may be given grace marks as per the ordinances applicable. And this will be shown in the mark sheet using special symbols. 'F' grade in a course will indicate a student has failed in that course.

10 Point Grading System

80 & Above	10	O	Outstanding
70 - 79.99	9	A+	Excellent
60 - 69.99	8	A	Very Good
55 - 59.99	7	B+	Good
50 - 54.99	6	B	Above Average
45 - 49.99	5	C	Average
40 - 44.99	4	D	Pass
Less than 40	0	E	Fail

The performance grading will be based on the aggregate performance of internal assessment and semester end examination.

Under 10 point grading system percentage calculation is done as per the following formula
7.1 * CGPA + 11.

Submission of Assignment, Project / Book Review.

The students are required to submit the assignments within the stipulated time given by the respective departments. Presentation of Project/ Book review will be conducted as per the schedule given by the college.

ATKT Examination :

ATKT Examinations are held in February/March/April and September/October every year. Forms are distributed in January for February/March/April & in August for September/October exams. Both the time all six semester of UG and 3 semesters of PG ATKT examinations will be conducted. Internal exam for ATKT students will be test based on the entire course prescribed for that course and semester.

Revaluation of Answer Books/ Photocopy of Answer Books

Please refer University circular No. Exam/photo& rev/collegeNCD/4636 of 2010 and 4637/2010.

The candidate can apply for revaluation of the answer book for any of the subject/course. Revaluation is permitted for Internal examination / practical examination wherever written script is available. The said examination should have been conducted in front of the teacher concerned. Examination conducted online/using technology are not revaluated.

A student can apply for revaluation / photocopy within 7 days of declaring the result. If a student has applied for photocopy but not for revaluation he/ she can apply for revaluation within three days from the date of distribution of the photocopy for the subject for which the photocopy was taken and not from the date the student collected the photocopy.

Photocopy :

1. Apply within seven days from the date of declaration of results.

2. Fees : 100/- per paper **(50/-** for reserved category students)

3. Documents required :

    a) A copy of statement of marks
    b) A copy of question paper and
    c) A photocopy of caste certificate in case of a reserved category student.

4. Approximate period for processing will be twenty one days.

5. The photocopy shall be provided to the examinee in person only and in no circumstances to any other person. Due action can be initiated if it is shared

Revaluation :

1. Apply within seven days from the date of receipt of the photocopy of the answer book. if not applied before.

2. Only the candidates having applied and received the photocopy of the answer book can apply for revaluation after the distribution of photocopy and only for that course for which the photocopy was taken.

3. Revaluation Fees: 500/- per paper **(250/-** for reserved category students)

4. Documents required:

 a) A copy of statement of marks
 b) A copy of question paper and
 c) A photocopy of caste certificate in case of a reserved category student.
 d) The paper is first evaluated by the Grievance Committee and if recommended, it is checked by appointing a new examiner. The decision of the Committee is final.

⌗ Instructions to Candidates about Examinations

- Be in time. A candidate who is late by more than 30 minutes shall not be admitted to the examination hall.

- No candidate shall be permitted to leave until half an hour is over after the question papers have been distributed.

- Enter on the title page the class, subject, section and seat number.

- Write on both sides of the page, unless instructed. Rough work should be written on the left-hand side or on a separate page. Answer each question on a new page and number it.

- No pages shall be torn off from the answer-book given to the candidate.

- Nothing shall be written on the question paper.

- Exchange of written materials, stencils, mathematical instruments, etc. is strictly prohibited. Ask the supervisor in case any thing is needed but do not leave the seat on any account at any time Do not leave the Examination Hall during the last ten minutes.

- A candidate is liable to disciplinary action for use of unfair-means e.g. if he / she
  - Keeps with him / her any book, notes or any other written material.
  - Speaks to or communicates, in any other way with unauthorized person.
  - Disobey any instructions issued by the senior or junior supervisor or is guilty of rude or disobedient behavior.
  - Any use of unfair-means during the examination is liable to severe penalties as per the ordinance.
  - Ten minutes before the close. a warning bell will be rung, after which no candidate will be permitted to leave the hall. At the second bell, all must stop writing and be ready to handover the answer booklets to the supervisor.

- Mobile phones and smart watches or any kind of communication devices are strictly prohibited and if found on person during examination then it will be confiscated and may not be returned back.

Hall tickets given to the students should be preserved and mark sheets/degree certificates will be issued only on production of hall tickets.

Hall tickets should have the sign of the respective authority and college stamp and the student is required to sign at the allotted space.

⌗ General Rules and guidelines

The smooth functioning of the College depends upon observation of discipline by the students. The College can help the students better when Rules of Discipline are observed properly. Violation of these rules deprives the students of the advantages of different facilities provided by the College. The following are some of the important rules of discipline. Parents / Guardian are requested to direct their wards to observe the following Rules of Discipline:

1. Students must attend lectures, practical, tutorials etc. as per the Time Table. They must not abstain themselves from classes, practical, tutorials, examinations etc. without written permission of the Principal. A student whose attendance and /or progress in various tests and examinations is not satisfactory and who does not perform the required number of tutorials/or practical are likely to lose their terms. Students who do not submit compulsory project work in subject is likely to lose his/her term. Defaulters will not be allowed to appear for the examination.

2. Employed students will not be given any concession in matters of attendance or rules regarding appearance at College Examinations. Suitable disciplinary action will be taken against such students. Employed students must give details of their employment on the admission form. They are expected to take admission after consulting the Principal in this regard.

3. Learners who request leave of absence from lectures / practical /tutorials for participating in sports, cultural, 'Avishkar' research convention or any other activities on behalf of the college should submit the application countersigned by the respective teacher in-charge.

4. All decisions pertaining to grant of terms will be decided by an Attendance Committee duly constituted by the college.

5. A learner who remains absent for the periodical tests / assignment / examination due to his / her illness shall be required to submit the medical certificate, along with the application endorsed by parent to the exam Cell and a copy to the head of the department concerned.

6. A learner who remains absent for three consecutive days is required to submit a leave application duly signed by his /her parent/guardian with necessary documentary proof.

7. The Identity Card is meant for identifying bonafide of a student and is used for permitting the student to participate in various activities and programs of the College. Every student must wear the Identity Card as long as he/she is in the college campus. It must be produced by the student whenever demanded by a member of the teaching or non-teaching staff of the college or SVV staff. Every student must bring his/her Identity Card to the College every day. Entry to the campus is only on production of your identity card.

   He/She must take proper care of it to avoid its misuse by other students and outsiders. In case the Identity Card is lost, the matter should be immediately reported to the Principal and an application should be made to the police and an NC of the complaint to be submitted in office to obtain a duplicate Identity Card, which will be issued on payment of charges.

   If the identity card has been damaged then it should be replaced immediately. Attendance marking is done through the RFID in the identity card.

   The conduct of the students in the classes and in the premises of the College shall be such that it will cause no disturbance to teachers, fellow students or other classes.

8. Every student shall wear a clean and decent dress while coming to the College.

9. No Society or Association shall be formed in the College and no person should be invited in the college campus without the specific permission of the Principal. The Principal has a right to refuse such permission.

10. No student is allowed to display any Notice/Circular/Poster/Banner in the College premises without the prior permission of the Principal. Strict action will be taken against the defaulters. They are not permitted to stick any posters on the wall / doors etc.

11. No student will be allowed to conduct any political activity in the College premises.

12. Outsiders are not permitted in the College premises without the prior permission of the Principal. College students are not allowed to bring their relatives/friends to the College premises without the permission of the Principal. Strict action will be taken against the concerned outsider as well as the College student who is instrumental in bringing outsiders to the College premises.

13. All meetings, cultural programs, debates, elocutions etc. organized on the College premises must be held in presence of teaching staff members and with

the prior permission of the Principal. The subjects of debates/elocutions must have the prior approval of the Principal.

14. Student must take proper care of the college property. Strict action will be taken against students damaging College property and will be required to compensate the damage.

15. Students involved in malpractices at the College / Board/University Examinations will not be admitted to the college.

16. Smoking is strictly prohibited in the College Premises. No students are allowed to bring any alcohol/drugs etc. that are not permitted by the law.

17. If, for any reason, the continuance of a student in the College is found detrimental to the best interest of the college, the Principal may ask the student to leave the College without assigning any reasons and the decision will be final and binding on the student.

18. Playing music on Transistors, Tape-Recorders, Car Stereos, Mobile Telephones or any other similar gadgets with or without earphones is strictly prohibited in the college premises. Defaulters will be punished and their instrument confiscated.

19. Use of Mobile Telephones is strictly prohibited in the academic area of the College which includes Science Building, lecture halls, Laboratories, Library, Students may use them in Canteen, Ladies Common Room, Hostel and from Car parking area. Defaulters will be punished and their instrument confiscated.

20. Students should not loiter on the college premises while the classes are at work. Boys found loitering near the Girls' Common Room / washroom are liable for punishment.

21. Student must not attend classes other than their own without prior permission of the authority concerned.

22. Students shall do nothing inside or outside the college that will interfere with the authority concerned.

23. Students are not allowed to communicate any information about college matters to Press.

24. Matters not covered above will be decided at the discretion of the Principal.

25. Ragging is Prohibited Government of Maharashtra has notified ragging as a cognizable offence. Any one reporter to be involved in any form of ragging will

be Severely dealt with. Therefore, learners are advised to restrain from indulging in any form of ragging.

26. Acts of misbehavior, misconduct, indiscipline or violation of the Rules of Discipline mentioned above are liable for one more punishment as stated below:

A.   Warning to the student.

B.   Warning to the student as well as letter to parents.

C.   Imposition of a fine.

D.   Denial of gymkhana, library, laboratory, N.C.C., N.S.S., student and or any other facility for a specified period or for the whole Term/Year.

E.   Cancellation of admission

F.   Refusal of admission in the next term or academic year.

G.   Expulsion from College for a specified period.

H.   Rustication

Attendance and Grant of Terms

a.   Ordinances 0.119,0.120

a)   The explanation issued by the University wide circular no.UG/235/98 dated July 3, 1998 relating to 0.119 says that — 'For granting of terms, attendance of 75% of theory, practical and tutorials (wherever prescribed) separately will be required, out of the total number of lectures, practical and tutorials conducted in the term'.

b)   b. Ordinance 0.125

1.   It states that 'To keep a term at a college or recognized institution, learner must complete to the satisfaction of the Principal or the Head of Institution, the course of study at the college or institution prescribed for such terms for the class to which such learner then belongs'.

2.   Learners who fail to maintain the condition of minimum attendance on account of illness, or any other reason which is deemed right by the Principal, should apply in writing to the Principal, for leave of absence, prior or within two days from the date of commencement of such leave, failing which they will be treated as defaulters.

3. All applications for leave of absence along with medical certificate, if any, should be submitted to the Principal and not directly to any teacher.

⌗ Important Documents

Sr. No.	Certificate/ documents	Documents required	Fees (if any) tobepaid at Col legeCash Counter 1: for Senior College and Cash counter 2for JuniorCollege	Counter No.	Approx No. of working days req.
1	ENQUIRY			1	
2	Inward (Submission Counter) To submit the applications pertaining to various documents listed below or pertaining to any other matters + issuing of ATKT forms/ Hall Tickets/Supp. Exam Forms etc from time to time			2	
3	Outward (Collection Counter) To collect the various documents 3 listed below or any other document demanded other than these				
4	Duplicate Leaving Certificate	FIR (From nearby Police Station) Affidavit Photo copy of Fee receipt	Rs 50/-	2 for Submission and 3 for collection	7
5	Duplicate marksheet	FIR (From nearby Police Station) Affidavit Photo copy of Marksheet (if available)	Rs 100/- per marksheet		15
6	Retention Certificate	Photo copy of Admission Fee receipt / ID	Nil		1
7	Recomme- ndation Certificate	Photo copy of all marksheets of earlier examinations	Nil		7
8	Transcript	Attested Photo copies of all the mark sheets of earlier years.	Maximum 05(Five) copies Rs1000/-For each additional Rs 50/- copy		7
9	Bonafide Certificate	Photo copy of Admission Fee receipt / ID	Rs 20/-	4	2
10	NOC	Photo copy Fee Receipt	Rs 20/-	4	2
11	Railway Conession (Senior College)	Fee receipt/Identity Card at the time of issue of Railway Concession	Nil	4	2
12	Railway Conession (Junior College)	Fee receipt/Identity Card at thetime of issue of Railway Concession	Nil	5	3

Sr. No.	Certificate/ documents	Documents required	Fees (if any) tobepaid at Col legeCash Counter 1: for Senior College and Cash counter 2for JuniorCollege	Counter No.	Approx No. of working days req.
13	Transfer Certificate	Application letter / Fee receipt from the College where admission is sought All Attested photo copies marksheets and Leaving Certificate	100/-	5	7
14	Duplicate Identity Card	FIR (From nearby Police Sation) Affidavit Photo copy of Fee receipt	500/-	6	3
15	Magration Certificate	University Migration Forms Fee receipt from the College where admission is sought All Attested photo copies mark sheets and Leaving Certificate	100/-	6	7
16	Damaged ID Card	Damaged ID Card	250/-	6	3
17	Document Verification	Refer the policy document displayed on counter window		6	
18	Scholarships and caste validitiy	Various scholarships offered from time to time and caste validity		7	
19	All Cash payments (Senior College students)	-		8	

20	Duplicate Fee Receipt(Senior College Students)	Photo copy of Admission Fee receipt / ID	25/-	8	1
21	All Cash payments (Junior College students)	_		9	
22	Duplicate Fee Receipt(Junior College Students)	Photo copy of Admission Fee receipt / ID	25/-	9	1

⌗ Provisional Statement of Eligibility

Fee Structure

Students those who are migrating from University in the state of Maharashtra	Rs 220/- (Including form fee)
The Universities outside Maharashtra State, Maharashtra State Board of Technical Education (M.S.B.TE.) and all Boards other than Maharashtra State Board of Higher Secondary	Rs 320/- (Including form fee)
Foreign Nationals	Rs 750/- (Including form fee)

Documents Required

For UG Students :

- 10" and 12' Original Mark sheet with Xerox copy.
- 10th and 12th Original Passing Certificate with Xerox copy.
- Original Migration Certificate and Transfer Certificate (U. P Board students Require T.C. signature by Z.P.) 2 Photocopies of Aadhar card

For PG Students :

- 12th Original Mark sheet with Xerox copy.
- 12th Original Passing Certificate with Xerox copy students Require T.C. signature by Z.P.) FY / S.Y. / T.Y. (All Semesters) Mark sheets with Xerox Copy.
- Original Migration Certificate and Transfer Certificate (U. P Board students Require T.C. signature by Z.P.) 2 Photocopies of Aadhar card.

For Ph.D. Students :

- FY. / S.Y. / T.Y. (All Semesters) Mark sheets with Xerox Copy. PET Exam Result
- Topic Approval Letter and Interview Letter.
- 2 Photocopies of Aadhar card.

⌗ Procedure for Investigation in Case of Malpractices

1. The candidate may be served a show cause notice and made aware of the charges/ allegations reported against him to prepare his / her defense at the time of his / her appearance before the Unfair Means Inquiry Committee and informing him / her thereby, of the proposed action to be taken in his / her case with a request to reply to the show cause notice as to why the action proposed under it should not be taken against him / her.

2. The reply received by the Committee from the candidate when he /she appears before it, will be considered by the Committee and the final recommendation in the matter be made.

3. The punishment finally awarded can be equal to or less than what is mentioned in the show cause notice, but not more than what is mentioned therein. It will be as defined in the rules laid down by the university.

4. The College Unfair Means Inquiry Committee is a recommendatory body. The Principal has to exercise his/ her power.

   The broad categories of unfair means resorted by students at the University/ College / Institution examinations and the quantum of punishment for each category thereof.

Sr. No.	Nature of Malpractice	Quantum of Punishment
1.	Procession of copying material	Annulment of the performance of the student at the University or College or Institution examination in full. Note: This quantum of punishment shall apply also to the following categories of malpractices at Sr. No.(2) to Sr. No.(12) in addition to the punishment prescribed thereat.
2.	Actual copying from the copying material.	Expulsion of the students from University or College or Institution examination for one additional examination.
3.	Possession of another student's answer-book	Expulsion of the student from University or College or Institution examination for two additional examinations (Both the students)
4.	Possession of another student's answer-book + actual evidence copying therefrom.	Expulsion of the student form University or Institution examination for two addition examination or (Both the Students)
5.	Mutual / Mass copying or Institution examination for two additional examinations.	Expulsion of the student from University or College
6.	I.Smuggling-out or smuggling-in of answer-book as copying material	Expulsion of the student from University or College or Institution examination for two additional examinations.

	II.Smuggling-in of written answerbook based on the question papers set at the examinations.	Expulsion of the student from University or College or Institution examination for two additional examinations.
	III.Smuggling-in or written answerbook and forging signature of the Jr. Supervisor thereon	Expulsion of the student from University or College or Institution examination for two additional examinations.
7.	Attempt to forge the signature of the Jr. Supervisor on the answerbook or supplement.	Expulsion of the student from University or College or Institution examination for four additional examinations.
8.	Interfering with or counterfeiting of University/ College / Institution seal or answerbooks or office stationary used in the examinations twice used thereat.	Expulsion of the student from University or College or Institution examination for one additional examination.
9.	Answerbook, main or supplement written outside the examination hall or any other insertion in the answer book.	Expulsion of the student from University or College or Institution examination for four additional examinations.
10.	Insertion of currency notes to bribe or attempting to bribe any of the College or person/s connected with the conduct of examinations.	Expulsion of the student from University or Institution examination for four additional examinations: Note: This money shall be credited to the Vice-Chancellor's Fund.
11.	Using obscene language / violence threat at the examination centre by a student at the University / College / Institution examination to Jr. / Sr. Supervisors / Chief Conductor or Examiners.	Expulsion of the student from University or College or Institution examination for four additional examinations.
12.	a.Impersonation at the University / College / Institution examination.	Expulsion of the student from University or College or Institution examination for five additional examinations. (Both the students if impersonator is University or College or Institute student)
	b.Impersonation by a University/ College / Institute student at S.S.C. / H.S.C. / any other examinations.	Expulsion of the student from University or College or Institution examination for five additional examinations.
13.	Revealing identity in any form in the answer written or in any other part of the answerbook by the student at the University or College or Institution examination.	Annulment of the performance of the student at the University / College / Institution examination in full.
14.	Fond having written on palms or on the body or on the clothes while in examination.	Annulment of the performance of the student at the University / College / Institution examination in full.

15.	All other malpractices not covered in the aforesaid categories.	Annulment of the performance of the student at the University / College / Institution examination in full and severe punishment depending upon the gravity of the offence.
16.	If one previous occasion a disciplinary action was taken against a student for malpractice used at the examination, in this event he / she shall be dealt with severely enhanced punishment can be imposed on such students. This enhanced punishment may extend to double the punishment provided for the offence, when committed at the second or subsequent examination.	
17.	Practical / dissertation / project report examination - Student involved in malpractices at the practical / dissertation / project report examinations shall be dealt with as per the punishment provided formmthe theory examination.	
18.	The competent authority, in addition to the above mentioned punishments may impose a fine on the student declared guilty.	
19.	Writing Name / Roll No. or using any other symbols when not asked can result in as a case of revealing identity & the said answer books will be send to unfair means enquiry committee & may lead to the exam being considered as null & void for the said paper.	

⌗ Extra & Co-curricular Activities and Other Facilities Available

Cultural Forum

The students are encouraged to take part in various art forms like Music, literature, dramatics etc. Cultural festivals 'VIBES' and 'TARANG' including various competitions in singing, dancing, painting, essay writing etc. are held. "ASMITA" is a platform provided for Marathi cultural experience. Talented students represent the college at various inter-collegiate cultural festivals and win prizes.

NSS

A large number of students enroll in the National Service Scheme with an aim to serve the society. The NSS unit takes initiative in organizing various activities of social relevance like Blood donation camp, Slum development, literacy programmes, aids awareness, thalassemia detection camp etc.

NCC

1 Maharashtra Girls' Battalion is affiliated to the college. The NCC wing is active, and in the forefront of various events at the State and National levels. The NCC unit has been the proud recipient of the Vice-Chancellor's Banner during 2002-03, 2003-04 and 2005-06.

Student Magazine

The college publishes its annual magazine "Sanskriti" to encourage the writing skills of students and staff. The magazine has sections in English, Hindi, Marathi, Gujarati and Sanskrit. The achievements of students and staff are mirrored in the magazine.

Parent-Teacher Association

Parents are encouraged to meet the teacher-members of the association with their valuable suggestions and to discuss their ward's academic progress co- and extra - curricular participation and career prospects.

Placement Cell

The cell provides job opportunities to the college students at graduate and post-graduate levels. Students are trained through workshops for interviews, group discussions etc. Campus interviews are held by various industries.

Women Development Cell

The cell organizes lectures and interactive sessions with experts, conducts film shows and group discussions on various women related issues.

Student Council

The Student council is a body of students selected and nominated by the Principal. It is formed as per the Maharashtra University Act 1994. The Student Council acts as a link between fellow students and the authorities, facilitating a free and constructive communication. The Council members assist in the conduct of various college activities. The Secretary of the Council represents the college in the Mumbai University Student Council.

Museums

The Geology Department exhibits many rare specimens. Visitors from other educational institutions visit this with prior permission. The Zoology Department too has a good collection and display of interesting specimens.

Botanical Garden

Medicinal and various other varieties of plants are cultivated and students of Horticulture are engaged in the maintenance of the garden.

Canteen

Canteen provides tasty snacks at reasonable prices.

Reprographics Facility

A xeroxing and binding facility is available for students at confessionals rates.

Central Instrumentation Laboratory

The college has set up a well equipped Central Instrumentation Laboratory on the 6th floor of the Annexe Building Engineering College. the laboratory has all

sophisticated instruments like FTIR, HPLC, HPTLC, UV - VIS spectr photometer GC and flame photometer.

Sports

A healthy mind resides in a healthy body, said Aristotle. In order to keep your body in good stead, the Gymkhana of the College conducts numerous sports' activities in swimming, tackwondo, volleyball, football, Cricket, gymnastics etc. The sports persons of the college have excelled particularly in swimming taekwondo and chess and brought laurels at national and international levels. Veteran coaches are imparting training to the willing students to excel in their chosen sports.

Athletics

A state of the art Olympic track was established in the year 2011 which is located right in the centre of the campus. It is 400 meter, eight-lane athletic track. The track has been awarded IAAF (International Association of Athletics Federations) Certified Class II category. The track is used by both recreational athletes looking to stay fit and also competitive athletes striving to become national champions under the guidance of our able coach Shri. Ravindra kumar Walmiki.

A lush green grass football field lies amidst the running track, along with this facility of steeplechase and long & tripe jump are available. Annual Camps are conducted.

Group Insurance Policy

1. 100% coverage in case of sad demise of the insured.
2. 100% coverage for permanent disability (Disability means loss of limbs, loss of eye sight or sense of hearing or paralysis)
3. 100% coverage for hospitalization expenses arising out of accidents which includes cost of medicines as well as expenses for Doctors fees.

Procedure

- The insurance companies should be intimated within seven days in case of any type of accident. At the University level the same will be Co-ordinated by the Head of the Department /Registrar.
- Students should preserve the copy of fee payment receipt issued by the College / Department / Institute.
- Claims will be considered even if a student meets with an accident anywhere in India or abroad.

Railway Concession

How to apply online for availing Railway Concession :

1. Somaiya Email ID and Password : This will get generated at the time of admission of the student after the payment of fees. It helps to get all the information, updates of the college and campus.
2. SVV Net ID : This is used to apply for online railway concession. The SW Net ID is actually the first part of the email id.

   Ex: If Somaiya Email-ID

   SW Net ID: harshada.sk

   Password details for SW net ID:

   First Logon to the link given below: myaccount.somaiya.edu

   Put SW net ID and Click on forgot password.

   Message will be sent to your Mobile no given by you at the time of admission.

Please note :

Same procedure needs to follow whenever you want to reset the password.

⌗ Library

College has well equipped library with 66259 books 41 E-books, 187 CDs ,DVDs and VCDs , and 27 journals . The library has 1683 chemical abstract volumes.

Working Hours :

On Working Days : Monday to Friday 8.00 a.m. to 6.00 p.m, Saturday : 8.30 a.m. to 4.30 p.m.

Details of specialized services provided by the library

- Inter-library loan facility within the Somaiya Campus

- Reference Service for research projects.

- Free Internet access to students and staff

- Reprographic Services.

- Additional home issue cards facilities for all undergraduate and post graduate students

- Overnight book issue facility.

- Book Bank facility for economically backward students.

- Integrated searching of all resources available in the campus on OPAC and also on web base OPAC

- Link provided to Online subscribed Journals : N-List and EBSCOHOST Discovery Services

- User Orientation is given

- Assistance in searching Databases is provided

We are happy to introduce the following newfacilities for all Students through WebOPAC

WebOPAC Link

http://223.30.145.175/opac/default.aspx

Click **MYACCOUNT** option to login.

Login & Password is your SW Net ID.

OR

Go to **Somaiya.edu** website -> click on libraries menu in Academics

-> Click on Somaiya Vidyavihar Online Library Search

PLEASE CONTACT THE LIBRARIAN FOR THE USERNAME AND THE PASSWORD.

Home issue of books:

- Two books will be issued per card for undergraduate students and 4 books for post graduate students.

- Books are issued for a period of 7 days. The date is written on the back side of the book.

- If the books are not returned on the due date , a fine of Rs 2/- per day will be charged

- (Including holidays and Sundays)

- In case any book is lost or damaged y the student, he/she is required to replace the book. If the book is not available in the market he/she has to pay the cost of the book.

- If the student does not pay the library fine, the privilege of borrowing the books may be suspended.

- Reference books , expensive and rare books, journals, bound volumes, magazines are not issued on Home Issue

- Card. They are available in the library only for reading purpose and should be issued against their identity cards.

- Overnight Book: Certain books are issued after 4 pm against the identity card only for a night which should be returned next day morning.

- Textbooks will be issued immediately. The students should fill the demand slip for the reference books.

Self renewal of home issue books:

- Students can renew books themselves through WebOPAC, provided the book is not in demand/ reserved before due date.

- Every student can login into the OPAC through the integrated ID SW Net which is already sent on your mobile and also on your email.

- Undergraduate students can renewthe book only once while postgraduate students can renew it twice. Book reservation facility:

- Students can only reserve the books through WebOPAC which are not available in the library (issued to other members).

- Search the required book , if not available click the 'Reserve' button.

- System will notify the students through email, to return the book on or before due date as it is reserved by some other student.

- Once the reserved book is back into the library, system will send notification through an email to the students who reserve the book .

- Book will be kept reserved for one day..

- Books which are reserved by students cannot be renewed by self renewal system. Tools in the library to provide access to the collection

- OPAC is available in the library for students and staff members. And web base OPAC is also available on URL: http//115.114.107.46/opac

Electronic resource :

- Online Journals (e-Resources) of N-List were subscribed which include 4000+ e-Journals and 90000+e-books. The N-list project provides access to e-resources to students, researchers and faculty from colleges and other beneficiary institutions through server(s) installed at the INFLIBNET Centre Ahmadabad.

- Integrated E resources and Databases named as EBSCOHOST Discovery Services are also available on Somaiya web site which include 4000 + databases and 600000+ e books .

- In-house/ remote access to e-publications is available for N-List (Inflibnet)

Information on BOOKWORM

Library is using an In-house software 'BOOKWORM' It is an integrated software used in all colleges of the Somaiya Campus. Facilities provided by BOOKWORM for students and staff are as follows:

- Integrated searching of all resources are available on OPAC for students and staff members.

- Web base OPAC is also available on URL: http//115.114.107.46/opac and on www.somaiya.edu

  Link provided for self renewal through the integrated ID SW Net is sent on the student's mobile and also on their email ids.

Discipline :

- Students should maintain silence in the library. Students are required to use their own library card only in order to use the library facility.

- Students should switch off their mobile phones before entering the library

- The books should be handled carefully and any kind of tampering / damaging of books is highly punishable.

- No eatables are allowed in the library.

Committee list for the year 2018-2019

Examination (Aided and Unaided)	CAP
1. Mrs.Madhavi Jardosh –Controller of Examination 2. Dr.Smita Paranjape -Convener 3. Dr.Geeta Nair 4. Dr.Yogesh Ghalsasi 5. Dr.Deepak More 6. Mr. Ajay Tripathi 7. Dr. Trupti Tawade 8. Mr. Amit Jethwa 9. Mr. Nikhil Phansekar 10. Mrs. Minal Dive 11. Dr. Chetan Jiwani 12. Mrs. Bhavana Patil 13. Ms Prajakta Kamble 14. Dr Nanabhau Karanjule	1. Mrs.Sudha Agarwal – Co-ordinator (Aided/Unaided)) 2. Dr .Smita Survase – Convener – (Aided) 3. Dr .Jyoti Sharma 4. Dr Aniket Pawonji 5. Mr. Anshul Gupta 6. Dr . Dilip Yadav 7. Mr.Deepak Jalla 8. Prabhat kumar Upadhyaya 9. Ms. Mousmi Pawar– Convener (Unaided) 10. CA .Monica Lodha 11. Mrs Rucha Naik 12. Mr.Satish Bhor 13. Ms.Meenakshi Waghmare 14. Mr.Amit Dixit 15. Ms.Kirti Ambekar 16. Mr.Chinmay Kanolkar
Unfair means 1. CA Atul Thatte (Convenor) 2. Dr Vanita Kulkarni 3. Mrs .Hemalatha Chakraborty 4. Ms Pooja Matlani	**Cultural Forum** 1. Mrs.Chitra Trehan (Convenor) 2. Dr.Smita Paranjape 3. Mrs. Reema Khanna 4. Dr . Jitendra Pendharkar 5. Dr .Nishamol Kanat 6. Mrs. Bhavana Patil 7. Ms.Purva Medhi 8. Dr Nanabhau Karanjule 9. Dr Afsar Ali Siddiqui

Anti Ragging and Grievance Redressal Cell	IQAC
1. Dr.Ajit Katdare (Convenor) 2. Ms.Pooja Matlani	1. Dr.P.J.Prabhu 2. Dr.Lolly Jain 3. Dr.Chandana Basu 4. Mrs.Aarti Kore 5. Ms.Anushree Sukhi 6. Mrs.Sameera Samant 7. Mrs.Divya Pillay 8. Mr. Pritam Bhawar 9. Mr.Jayesh Bhagat

Information Cell	Time-table
1. Dr. Lolly Jain (Convenor) 2. Chemistry : Dr. Trupti Tawade Mr. Jaideep Wable 3. Physics : Dr. Pallavi Raote 4. Biochemistry : Dr.Ketan Ranade 5. Botany : Dr . Meena Patankar 6. Zoology : Dr. Shanti Upadhya 7. Geology : Dr. Jyoti Sharma 8. Maths : Prabhat Kumar Upadhyay 9. Stats : Ms. Namrata Nagwekar 10. Biotech : Mr. Jayesh Bhagat 11. Economics : Ms. Medhavini Khare 12. Business Communication : Dr. Hemangi Bhagwat 13. Accounts : Mr. Nikhil Phansekar 14. IT/CS : Mrs Mousami Pawar 15. Microbiology : Mr. Shabib Khan 16. Commerce : Mrs. Shilpa Sawant 17. Law Dr. Archana Padgaonkar 18. Unaided Commerce : CA.Monika Lodha 19. EVS : Chinmay Khanolkar 20. Nutra : Purva Medhi	1. Mr.Subhash Krishnan (Convenor) 2. Dr.Nishamol Kanat

Feedback	**Placement Cell**
1. Dr.Vanita Kulkarni (Convenor) 2. Ms. Leena Shewale (Co-Convenor) 3. Dr.Aniket Pawanoji 4. Ms.Namrata Nagvekar 5. Ms.Rucha Naik 6. Dr.Shanti Upadhyay 7. Mr.Abhishek Mane 8. Ms. Tejal Bowlekar 9. Mrs. Prajakta Kamble	1. Ms.Leena Shewale (Convenor) 2. Mrs.Minal Dive 3. Mrs.Hemalatha Chkravorty 4. Mr.Jitendra Pendharkar 5. Mr.Amit More 6. Dr.Amol Patwardhan 7. Dr.Ketan Ranade
Research Promotion & Development Cell 1. **Dr Chandana Basu** (Convenor) 2. Dr.Rohit S.Chavan 3. Dr.Anup Deshpande 4. Dr.Seema Sambrani 5. Mr.Jaidip Wable 6. Dr.Ketan Thatte 7. Dr.Rashmi Thakur 8. Dr.Jacintha George **Awards/Students welfare / Students council** 1. Mrs.Chitra Trehan (Convenor) 2. Mrs.Hemlatha Chakraborty 3. Mr.D.G.Phondekar 4. Mr.Makarand Niphadkar 5. Ms.Rohini Kasabe 6. Mr.Jitendra Pendharkar 7. Mr.Saurabh Shete 8. Mr.Ajay Tripathi	**Attendance** 1. Dr.Kanat Nishamol (Convenor) 2. Mrs.Aarti Kore 3. Ms.Shreya Patil 4. Mr.Avinash Pardhi 5. Mr.Anshul Gupta 6. Mrs. Archana Padgaonkar 7. Ms.Medhavini Khare 8. Ms.Prajakta Kamble 9. Mr.Siddheswar Bombale
Magazine 1. Ms.Reema Khanna (Convenor) 2. Medhavini Khare 3. Dr.Meena Patankar 4. Dr Soniya Shetty 5. Dr.Chitra Kamath 6. Mrs.Bharati Makhijani 7. Ms.Purva Medhi	**International relations & Industry Collaboration/ Linkages** 1. Dr.Meena Sharma (Convenor) 2. Dr Sugandha Shetye 3. Dr.Yogesh Ghalsasi 4. Mr.Amit Jethva 5. Dr.Rohit S.Chavan 6. Dr.Seema Sambrani 7. Mrs.Madhuri Padaya 8. Dr.Ketan Thatte

	9. CA Manisha Damle
Website, Multimedia & E-learning 1. Ms.Anushree Sukhi (Convenor) 2. Ms.Mousmi Pawar 3. Mrs.Suchita Mandhare	**DLLE** 1. Mr .Saurabh Shete (Convenor) 2. Dr,Chetan Jiwani 3. Dr.Jacintha George 4. Mr.Amol Pawar
	5. Mr.Satish Bhor 6. Sarang Gujar

Social Network , Events Publicity and PR CO-ordinators **(Instagram, facebook, twitter, you tube)**	IT Administrative committee
Social Network , Events Publicity and PR CO-ordinators **(Instagram, facebook, twitter, you tube)** 1. Ms.Leena Shewale (Convenor) 2. Mrs.Minal Dive 3. Ms.Prajakta Kamble 4. Ms.Kirti Ambekar	**IT Administrative committee** 1. Ms.Anushree Sukhi (Convenor) 2. Ms.Mousmi Pawar 3. Pooja Matlani 4. Santosh Kundu 5. Sai Tikone 6. ACMA representative
NCC 1. Ms.Rohini Kasabe (Convenor) 2. Ms.Medhavini Khare	**Alumni** 1. Ms.Chitra Kamath (Convenor) 2. Dr.Bright Philip 3. Dr.Deepak More 4. Dr.Amol Patwardhan 5. Ms.Anushree Sukhi 6. Ms.Tejal Bowlekar 7. CA .Monica Lodha
Library Development Committee 1. Mrs.Soniya Shetty (Convenor) 2. Ms.Shilpa Sawant 3. Dr deepak More 4. Dr Veena Khinani 5. Mr.Sachin Achrekar 6. Mr.Manish Mohadikar 7. Mrs.Sameera Samant 8. Ms.Nishigandha Deodhar	**NSS** 1. Mr.D.G.Phondekar (Convenor) 2. Mr.Makarand Niphadkar
Purchase Committee 1. Dr.Pradnya Prabhu (Convenor) 2. Mr.Subhash Krishnan 3. Mr.Manish Mohadikar 4. Mrs.Divya Pillay 5. Mr.Rajesh Jaiswal 6. Mrs.Sarika Shinde	**Women Development Cell** 1. Dr.Hemangi Bhagwat (Convenor) 2. Dr.Archana Padgaonkar 3. Bharathi Makhijani 4. Dr.Heena Shah 5. Mrs.Mrinalini Sathe (NGO)

Environment Awareness Committee	Internal Complaint Committee (Anti Sexual Harassment Committee)
1. Mrs.Supriya Janabhandu (Convenor) 2. Mr.Satish Bhor 3. Ms.Shreya Patil 4. Dr Ketan Thatte 4. Dr.Rashmi Thakur 5. Dr Mithun Mondal 6. Dr.Pallavi Raote 7. Mr.Sagar Shah 8. Mrs.Bhavana Patil	1. Dr.Pradnya Prabhu (Convenor) 2. Dr.Meena Sharma 3. Dr.Bright O.Philip 4. Mrs.Divya Pillay 5. Mrs Prachi Pednekar 6. Mrs.Mrinalini Sathe (Member-NGO)

Infrastructure Development	NET/SET/GATE/JAM/CA Coaching
1. Mr.Makarand Niphadkar (Convenor) 2. Mr.Sachin Acharekar	1. Dr Marolia K. Z (Biotechnology) 2. Dr.Unnati Padalia (Microbiology) 3. Mr.Shabib Khan (Microbiology) 4. Mr.Avinash Pardhi (Chemistry) 5. Mr.Amol Pawar (Chemistry) 6. Mr.A.M.Shaker (Physics) 7. Ms.Shruti Barve (Physics) 8. Mr.Deepak Sahu (Geology) 9. Dr.Nanabhau Karanjule (Chemistry) 10. CA Manisha Damle (Accountancy)
Statistical Analysis 1. Mrs.Aarti Kore(Convenor) 2. Mrs.Namrata Nagavekar	**Mentor Tutor** 1. Dr.Veena Khilnani (Convenor) 2. Mr Ketan Gaikwad 3. Mrs.Smita Survase 4. Mr.Amit Dixit 5. Mr.Dilip Yadav 6. Mr.Shweta Patil 7. CA Monika Lodha 8. Mr.Prabhat Kumar U.

	9. Mrs.Chetana Kanekar 10. Dr.Kamalini Devdhar
Curriculum Designing/Skill Development Programmes/New Programmes/Remedial Coaching & Community Services 1. Mrs.Ranjana Shukl (Convenor) 2. Mrs.Madhavi Kate 3. Dr.Samidha Pawaskar 4. Mrs.Supriya Janabhandhu 5. Dr.Vikrant Deshmukh 6. Dr.Veena Rao 7. Mr.Deepak Sahu 8. Dr.Unnati Padalia 9. Mr.Subhash Krishnan 10. Mr.Prashant Shah 11. CA Manisha Damle 12. Mrs.Chitra Trehan 13. Dr.Smita Paranjape 14. Dr.Archana Padgaonkar 15. Dr.Hemangi Bhagwat 16. Dr.Kamalrookh Marolia 17. Mr.Prakash Patil 18. Dr.Sugandha Shetye 19. Ms.Veena Salvi 20. Mr.D.G.Phondekar	**Innovation /Incubation and Entrepreneurship Cell** 1. Mr.Chinmay Khanolkar (Convenor) 2. Mr.Abhishek Mane 3. Dr Veena Salvi 4. Mr.Jaidip Wable 5. Mr.Rohit Singh Chauhan 6. Mr.Ketan Gaikwad 7. Mr.Jayesh Bhagat 8. Mr.Mithun Mondal 9. Dr.Chetan Jiwani 10. Dr Afsar Ali 11. Mr.Prabhatkumar Upadhyay 12. Mr.Shabib Khan 13. Ms.Purva Medhi
Value Education Courses 1. Dr.Lolly Jain (Convenor) 2. Ms.Leena Shewale 3. Mrs.Chitra Trehan 4. Ms.Tejal Bowlekar	**Career Guidance Cell** 1. Dr.Ajit Katdare (Convenor) 2. Mr.Atul Thatte 3. Mr.Amit More 4. Mr.Deepak Zalla 5. Mr.Srikant Billa 6. Mr.Sarang Gujar

Somaiya Institutes and Initiatives - Timeline

	Schools		
1942	Somaiya Vidya Mandir	Sakarwadi	Shirdi - Ahmednagar
1942	Somaiya Vidya Mandir	Laxmiwadi	Shirdi - Ahmednagar
1965	Somaiya Shishu Niketan Primary School	Sameerwadi	Bagalkot - Karnataka
1965	S K Somaiya Prathamik Shala	Vidyavihar	Mumbai
1968	S K Somaiya Vinay Mandir High School	Vidyavihar	Mumbai
1970	S K Somaiya Balvatika	Vidyavihar	Mumbai
1984	Somaiya Vinaymandir Kannada High School	Sameerwadi	Bagalkot - Karnataka
1991	Shri Sharda English Medium School	Kopargaon	Shirdi - Ahmednagar
1991	Nareshwadi Learning Centre	Dundalwadi	Dahanu - Maharashtra
2004	K J Somaiya English Medium School	Sameerwadi	Bagalkot - Karnataka
2012	The Somaiya School	Vidyavihar	Mumbai
	Humanities and Sciences		
1960	K J Somaiya College of Arts & Commerce	Vidyavihar	Mumbai
1962	K J Somaiya Junior College of Arts & Commerce	Vidyavihar	Mumbai
1963	Smt Sakarbai K Somaiya Junior College of Education	Vidyavihar	Mumbai
1972	K J Somaiya College of Science & Commerce	Vidyavihar	Mumbai
1975	S K Somaiya Vinay Mandir Junior College	Vidyavihar	Mumbai
1976	K J Somaiya Junior College of Science & Commerce	Vidyavihar	Mumbai
1990	K J Somaiya Comprehensive College of Education, Training & Research	Vidyavihar	Mumbai
1995	S K Somaiya College of Arts, Science & Commerce	Vidyavihar	Mumbai
2015	Somaiya School of Music	Vidyavihar	Mumbai
	Sanskriti Vihar		
1989	K J Somaiya Bharatiya Sanskriti Peetham	Vidyavihar	Mumbai
1993	K J Somaiya Yoga Academy	Vidyavihar	Mumbai
1993	K J Somaiya Centre for Buddhist Studies	Vidyavihar	Mumbai

2003	K J Somaiya Centre for Studies in Jainism	Vidyavihar	Mumbai
	Tantra Vihar		
1963	K J Somaiya Polytechnic	Vidyavihar	Mumbai
1981	K J Somaiya Institute of Management Studies & Research	Vidyavihar	Mumbai
1982	K J Somaiya Institute of Journalism & Mass Communication	Vidyavihar	Mumbai
1983	K J Somaiya College of Engineering	Vidyavihar	Mumbai
1988	K J Somaiya Private Industrial Training Institute	Vidyavihar	Mumbai
2001	K J Somaiya Institute of Engineering & Information Technology	Ayurvihar	Mumbai
	Somaiya Ayurvihar		
1992	K J Somaiya Medical College & Research Centre	Ayurvihar	Mumbai
1994	K J Somaiya School of Nursing	Ayurvihar	Mumbai
2002	K J Somaiya College of Physiotherapy	Ayurvihar	Mumbai
2011	K J Somaiya College of Nursing	Ayurvihar	Mumbai
	Initiatives and Outreach		
2010	Somaiya Research Innovation Incubation Design Labs (riidl)	Vidyavihar	Mumbai
2014	Somaiya Centre for Experiential Learning	Vidyavihar	Mumbai
2015	Somaiya Bio-Research Innovation Incubation Design Labs (Bio-riidl)	Vidyavihar	Mumbai
2016	Somaiya Sports Academy	Vidyavihar	Mumbai
2016	Jetavan	Vidyavihar	Mumbai
2018	Somaiya Initiatives for Research & Consultancy (SIRAC)	Vidyavihar	Mumbai