



SOMAIYA
VIDYAVIHAR

K J Somaia College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)



K J Somaia College Of Science And Commerce

(Autonomous Institution)-Affiliated to University of Mumbai

Re-accredited by NAAC with 'A' Grade

ISO 9001-2015 certified

Awarded Empowered Autonomy Status

PROSPECTUS

(2025-26)

College Prayer

ॐ

ॐ पूर्णमदः पूर्णमिदं पूर्णात् पूर्णमुदच्यते ।
पूर्णस्थ पूर्णमादाय पूर्णमेवावशिष्यते ॥ १ ॥

ॐ ईशावास्यमिदं सर्वं यत् किं च जगत्या जगत् ।
तेन त्यक्तेन भुज्जीथा मा गृधःकस्य स्विध्नम् ॥ २ ॥

मूकं करोती वाचालं पङ्गु लङ्घयते 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 ।
मृत्योर्माऽमृतं गमय ॥ ५ ॥

ॐ सहनाववतु सहनौ भुनक्तु सहवीर्यं करवावहै ।
तेजस्विनावधीतमस्तु, मा विविक्षावहै ॥ ६ ॥

सर्वेऽत्र सुखिनः सन्तु सर्वे सन्तु निरामयाः ।
सर्वे भद्राणि पश्यन्तु मा कश्चिद् दुःखमाप्नुयात् ॥ ७ ॥

ॐ शान्तिः । शान्तिः । शान्तिः ॥

Our Founder

Padmabhushan (Late) Pujya Shree Karamshibhai Jethabhai Somaiya
(May 16, 1902 - May 9, 1999) Our Founder



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 the 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!



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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 Cornell 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.

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'



Shri Samir Somaia

President

Message by Honorary President

Our Vision:

Our Founder, Padmabhushan Shri K. J. Somaia was deeply influenced by Gandhiji, and dedicated himself to nation building. He founded Somaia Vidyavihar on the 9th of September 1959. He later founded the Girivanvasi Pragati Mandal, The K. J. Somaia 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, and 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:

ज्ञानादेव तु कैवल्यम् 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 मानुषात् परो धर्मः।

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. वैराग्येण तु कौन्तेय अभ्यासेन च गृह्यते | 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.

From the Principal's Desk



Dr. Pradnya Prabhu
Principal

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.

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, crisis 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.



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Globalization 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, and 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

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 mold individuals who would nurture the cultural heritage of our country and contribute to the betterment of the society.

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

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

Autonomous Status: The College was conferred Autonomous Status by UGC and University of Mumbai and empowered autonomy status from 2023. College is known for its academic flexibility. There are innumerable combinations which you can choose from elective courses, immersion experience, and Honors programme.

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-accredited with "A' Grade (CGPA 3.21) in 2010 and again with "A' Grade (CGPA 3.24) in 2016.

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 grant from DBT.

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

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



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Strong Alumni: Over the last 65 years Somaiya Vidyavihar produced thousands of successful graduates contributing to various developments taking place all over the world.

Scholarships: Merit-cum-need-based scholarship for the students

Staff: Students friendly, experienced, dedicated staff.

Synergy: Synergy of 35 institutions from various disciplines.

Innovation incubator: End to end guidance to foster innovative ideas into the company.

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

Conducive Environment: Conducive environment for teaching and learning.

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 Padmabhushan Puja 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 in the 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 NAAC, an autonomous institution of UGC, in 2004. The college received 'A' grade in the assessment. The college underwent the re-accreditation 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 fourth cycle of accreditation in April 2023
- The College was recognized as 'Centre with Potential for Excellence' by UGC in 2016.
- The college has been identified for support in Level - 0 Category by the DST 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.

- Among three hundred fifty science colleges of Mumbai the College has been ranked fourth in 2006-2007, third in 2007-2008, fifth in 2008-2009, second in 2010-2011 and fourth in 2012-2013 respectively 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 University of Mumbai vide notification No. Aff/Recog. I / 914 of 2012 dated 22nd October 2012 conferred Autonomous Status to our college in 2012 and empowered autonomy status from 2023.
- The College received ISO 9001:2015 certification.

Governing Body of the college

Management Nominee:

1. Shri. Samir Somaiya, President SVV
2. Lt. Gen. H.S. Kahlon, Secretary, Somaiya Vidyavihar
3. Dr. Sendurai Mani, Asst. Professor, Dept. of Molecular Pathology, The University of Texas, M.D. Anderson, Cancer Centre.
4. Prof.Dr.Raghunath Shevgaonkar - Provost, SVV

Principal:

Dr. Pradnya Prabhu

Teachers of the college:

1. Ms. Madhavi Jardosh, Associate Professor, Department of Statistics
2. Smt. Chitra Trehan, Dean, Students Welfare

University Nominee:

1. Dr. Preeta Nilesh, Principal, Kelkar Education Trust's, Vinayak Ganesh Vaze College of Arts, Science and Commerce

State Government Nominee:

1. Prof. Rohidas Kale, Joint Director , Institute of Science, Mumbai

Educationalist /Industrialist:

1. Dr. Ajit Sapre - Group President, Research and Development, Reliance Corporate Park, Reliance Industries Ltd.
2. Dr Virendra Kumar Gupta - Senior Vice President- Research and Development, Polymer Science, Reliance Industries Ltd

Academic Board Members

| | Name | Designation |
|--|----------------------|--|
| 1 | Dr. Pradnya Prabhu | Chairman Principal, K. J. Somaiya College of Science and Commerce |
| Nominees of University of Mumbai | | |
| 1 | Dr .Uma Shankar | Principal SIES College of Arts, Science and Commerce, Sion |
| 2 | Dr .Ghanshyam Giri | Principal K.L.E. Society's Science and Commerce College, Panvel |
| | Dr,Avinash Patil | Principal B K Birla College of Arts, Science and Commerce, Kalyan |
| Experts nominated by Governing body | | |
| 1 | Dr. D K Aswal | Director HS and EG ,BARC |
| 2 | Dr Prabodh Chobe | Former Senior General Manager and Head BASF, R and D Centre |
| 3 | Dr. Sybil Thomas | Professor Department of Education, University of Mumbai, Kalina Campus |
| 4 | Dr. Vandana Pradhan | Scientist Indian Council of Medical Research-National Institute of Immunohematology |
| 5 | Dr Sayali Yadav | Vice Principal & Head, Department of Commerce, Guru Nanak Khalsa College |
| Faculty nominated by Principal | | |
| 1 | Mr. Subhash Krishnan | Member Secretary K. J. Somaiya College of Science and Commerce |
| All Heads of Department | | |
| Senior Faculty members nominated by the Principal | | |
| 1 | Dr. Geeta Nair | Controller of Examination and Associate Professor in Physics |
| 2 | Dr Chitra Kamath | Chemistry, Associate Professor |
| 3 | Mrs. Sudha Agrawal | Mathematics, Associate Professor |

Admission Guidelines

1. Parents and students are requested to go through the prospectus and admission notices displayed on the college notice boards and college's website kjssc.somaiya.edu before seeking admission in the college.
2. The College is conferred with Gujarati Linguistic Minority Status by the Govt. of, 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.
6. Eligibility criteria followed during the admission is strictly as per the norms of university of Mumbai.
7. All admissions are of provisional in nature and subject to confirmation only after physical verification of the documents by the University.

F.Y.B.SC./F.Y.B.COM ADMISSIONS-2025-26

Admission process for F.Y.B.Sc / F.Y.B.Com is as follows:

- All the admissions are online.
- Please register and obtain your ABC id through abc.gov.in
- All students are required to fill the pre-admission online Enrolment form on University website mu.ac.in/admission. Select **UG Admission** for undergraduate and **PG Admission** for postgraduate. (It is mandatory).
- The students should fill the pre-admission form which is available on the college website <http://admissions.somaiya.edu/> and pay Rs. 100/- through payment gateway. **Rs. 100/- paid towards online pre admission form is non-refundable. Only those who have paid Rs. 100 will be in the list of candidates considered for admission**
- The students should apply separately for each course.
- Students are required to upload all mandatory and relevant documents mentioned in the pre admission form.
- Students are required to check their registered email ID and pre admission form for checking the status of document verification. Rejected documents can be replaced by the correct document till the link for filling the form is active. Please mail to admission.kjssc@somaiya.edu for updating at a later stage.
- Kindly save the copy of the pre admission form which will be required to be produced on demand.
- 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 minimum 375 marks out of 600 on first come first serve basis.
- In-house students with more than one attempt or passing with Form No.17 at XIIth standard Commerce or passed before 2021 will not be considered for admission to F.Y.B.Com / F.Y. B.Sc. as an in-house student.

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 their My Account whose credentials will be mailed along with the offer letter for the selected students 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.

DOCUMENTS REQUIRED

For Open Category (UPLOAD the following documents):

1. Online pre enrolment of University of Mumbai
2. Original HSC Mark sheet
3. Junior college Leaving Certificate
4. SSC Mark sheet / Passing Certificate
5. Duly filled in Provisional eligibility form (for learners belonging to Divisional Board other than Mumbai/other state)
6. Migration certificate (for learners belonging to Divisional Board other than Mumbai/other state)

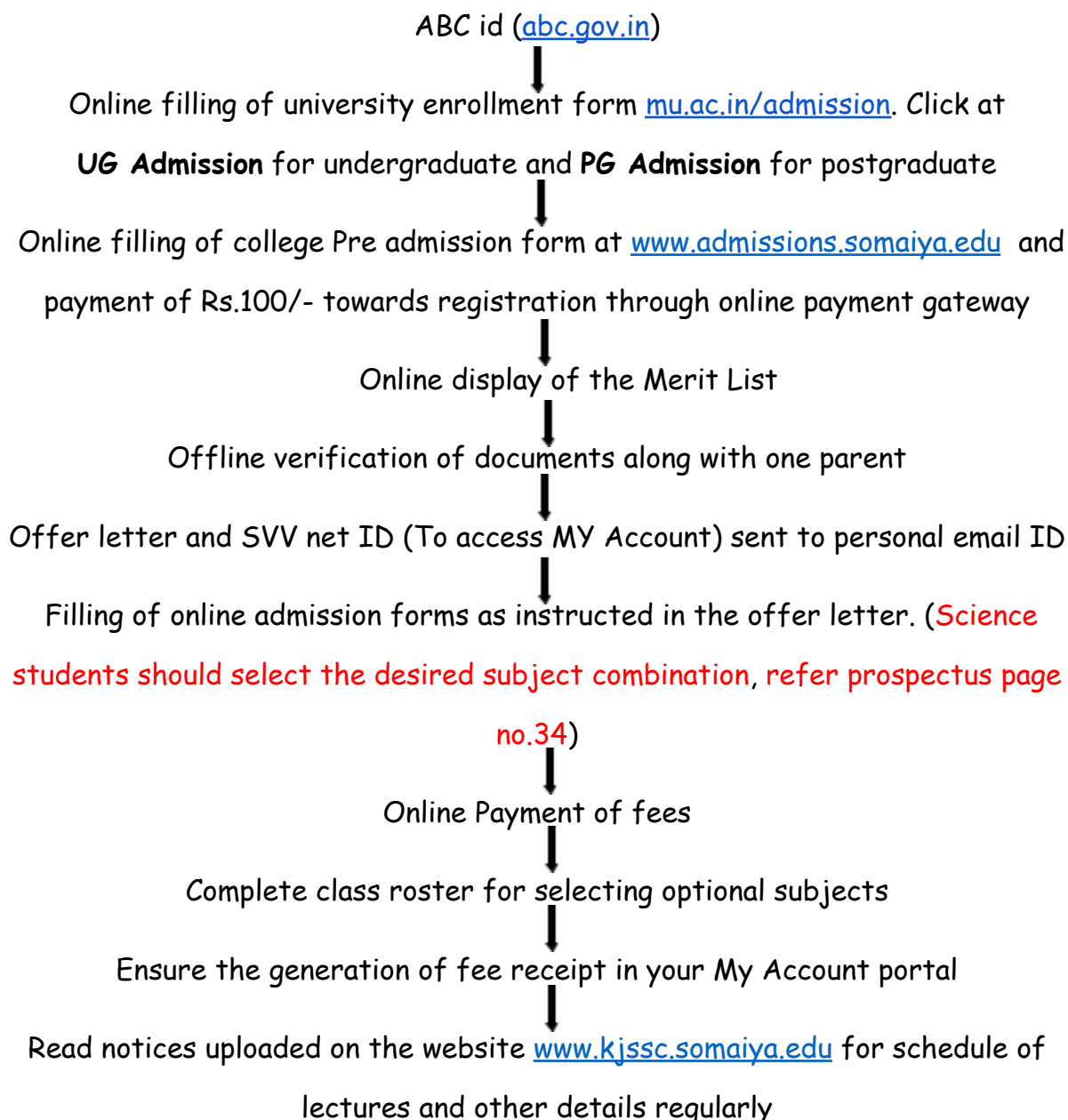
For Reserved Category (UPLOAD the following documents in addition to the documents stated for open category above)

1. Caste Certificate issued by Govt. of Maharashtra.
2. Income Certificate for the accounting year 2019-2020 and assessment year 2020-21 issued by Tahsildar.
3. Form No.16 (FOR FREESHIP)
4. Ration Card.
5. District Change Certificate, if applicable.
6. Non creamy layer certificate (for students belonging to NT/OBC/SBC)

Note: On-line e-scholarship/ freeship form on the web-site

<https://mahaeschol.maharashtra.gov.in> as and when the link goes live

ADMISSION PROCEDURE



Reservation Policy

F.Y.B.Sc./B.Com Admissions 2025-26

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 | <ol style="list-style-type: none"> 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) Widow/Divorcee 5) Freedom Fighter's son/grandson/daughter/granddaughter |

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 the link (mu.admissiondesk.org) available on the website of the University of Mumbai (www.mu.ac.in).

Courses Offered

Academic Year 2025-26 Programmes

| SCIENCE FACULTY | |
|---|--|
| Bachelor of Science (B.Sc.) in : Chemistry Botany Zoology Microbiology Physics Mathematics Statistics Geology Biochemistry | M.Sc. by Papers in : Organic Chemistry Analytical Chemistry Inorganic Chemistry Physical Chemistry Microbiology Geology, Physics Botany Zoology Biochemistry |
| RESEARCH PROGRAMMES | |
| M.Sc. by Research in : Chemistry Microbiology Geology, Physics Botany Zoology Biochemistry | Ph.D. in: Chemistry Microbiology Zoology Botany Geology |
| Faculty of Commerce | |
| Bachelor of Commerce (B.Com) | |

Intake Capacity

Degree Programmes - Undergraduate

| 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 |

Degree Programmes - Postgraduate

| Programme | Intake Capacity | |
|---|-----------------|------------------------|
| | Aided | Unaided |
| M.Sc.- Organic Chemistry | 12 | 08 |
| M.Sc.- Analytical Chemistry | 10 | 10 |
| M.Sc.- Inorganic Chemistry | 10 | 10 |
| M.Sc.- Physical Chemistry | 10 | 10 |
| M.Sc.- Microbiology | 10 | 10 |
| M.Sc.- Physics | 15 | 05 |
| M.Sc.- Botany | 10 | 10 |
| M.Sc.- Zoology | 10 | 10 |
| M.Sc.- Biochemistry | 10 | 10 |
| M.Sc.- Geology | 04 | 16 |
| M.Sc. by Research & Ph.D. Programmes | | Intake Capacity |
| Botany | | 10 |
| Biochemistry | | 10 |

| | |
|--------------|----|
| Chemistry | 40 |
| Geology | 03 |
| Microbiology | 10 |
| Physics | 05 |
| Zoology | 10 |

National Education Policy (NEP) Implementation from 2023-25

What is NEP?

The New Education Policy (2019) initiated and developed by the Ministry of Human Resource Development (HRD), Govt. of India, has been approved by the Central cabinet on 29th July 2020. The National Education Policy (NEP) has brought several reforms in Indian education which include broad-based multidisciplinary Undergraduate Education with 21st Century skills while developing specialized knowledge with disciplinary rigor.

Highlights of new 3/4 years degree programme:

- ❖ It is a 3 year degree programme. Students have an option to select a 4 years degree programme, either Honours or Research degree.
- ❖ Student centered learning
- ❖ Courses for holistic development of students
- ❖ Entrepreneurship and Employment based education
- ❖ Exposure to field work, industrial visits, experiential learning
- ❖ Inculcate Cutting Edge Research through projects

The curriculum is enriched with various options offered to the students as follows:

- ❖ **Core courses- Major courses:** Major courses are the subject of main focus and the degree will be awarded in that subject. Students can choose a major course from a pool of courses which may be very specific or specialized or advanced or supportive to the discipline/subject of study
- ❖ **Minor courses:** A Minor course is a secondary specialization that one may choose to pursue in addition to a Major Discipline. They may be related areas of studies or two distinct areas of studies which are not interrelated at all.
- ❖ **Vocational courses:** These courses are to promote skills pertaining to a particular field of study. The purpose of these courses is to provide students life-skills in hands-on mode so as to increase their employability/ Self-employment.
- ❖ **Discipline Specific Electives:** Students are allowed to choose any Discipline Elective of their choice out of the options provided to them and in the field or interest of their specialization.
- ❖ **Skill Enhancement Courses:** The goal of the skill enhancement courses (SECs) is to raise students' skill levels across a range of subjects. Digital fluency, health and wellbeing, environmental studies, etc are few examples.
- ❖ **Interdisciplinary Open Electives/ General Electives:** Open or Generic Elective Courses are courses chosen from an unrelated discipline/ subject, with an intention to seek exposure beyond discipline/s of choice. The purpose of these is to offer the students the option to explore

- ❖ disciplines of interest beyond the choices they make in core and discipline specific elective courses
- ❖ Co-curricular and extra-curricular activities like NCC, NSS, Music, Art etc: These activities help in character building, spiritual growth, physical growth, etc. They facilitate development of various domains of mind and personality such as intellectual, emotional, social, moral and aesthetic developments
- ❖ Languages: Languages provide the medium of fresh and free thinking, expression and clarity in thought and speech. It forms a foundation for learning other courses. Helps fluent communication. In addition to English, students shall opt for any of the modern languages offered by the college.
- ❖ Ability Enhancement Compulsory Course - Ability enhancement courses are the generic skill courses which are basic and needed for all to pursue any career. These courses ensure progression across careers. They enable students to develop a deeper sense of commitment to oneself and to the society and nation largely.
- ❖ Internship/ On Job Training/Research Projects: This will help students to apply knowledge in solving / analyzing / exploring a real-life situation / difficult problem/data analysis. This will provide research competencies at undergraduate level.

ACADEMIC BANK OF CREDITS (ABC)

University Grants Commission, New Delhi and University of Mumbai (Cir.No. DBoEE/ICF/2022-23/14) have mandated the implementation of Academic Bank of Credits (ABC). As per the National Educational Policy 2020, ABC is a

national level facility to promote flexibility of curriculum framework and provide academic mobility to students with appropriate credit transfer mechanism. Therefore, it is mandatory for all the students to generate an ABC ID which needs to be submitted to the university.

In order to create ABC IDs students are advised to follow the following steps:

How to Create Unique Academic Bank of Credit ABC ID

1. Google Search - DigiLocker
2. Create a DigiLocker Account. The DigiLocker App can be downloaded from play store/IOS)
3. Click on https://accounts.digilocker.gov.in/signup/smart_v2 (if you already have an account)
4. Then Click on <https://www.abc.gov.in>
5. Then click on the blue button Register for ABC via NAD.
6. Once the registration is done Note down your ABC ID which is a 12 digit number.
7. In case of any difficulty you can watch the Video:
<https://youtu.be/hzYVW6lUI9k>

F.Y.B.Com Semester 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 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 recognized as equivalent to the Higher Secondary School Certificate (Std XII) examination.

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

Semester II

All learners are eligible to be admitted to semester II irrespective of the number of heads of failure in semester I.

Courses:

| Semester I | Credits | Semester II | Credits |
|---|---------|--|---------|
| Accountancy and Financial Management-I | 3 | Accountancy and Financial Management-II | 3 |
| Commerce | 3 | Commerce | 3 |
| MicroEconomics | 3 | MicroEconomics | 3 |
| MYSQL(VSC) | 2 | Tableau(VSC) | 2 |
| Environmental Studies | 2 | Environmental Studies | 2 |
| English | 2 | English | 2 |
| Modern Indian Languages -Hindi/Marathi/Gujarati/ Sanskrit | 2 | Modern Indian Languages -Hindi/Marathi/Gujarati/ Sanskrit | 1 |
| Co-Curricular-1(CC1) NCC/NSS | 1 | Co-Curricular-1(CC1) NCC/NSS | 1 |
| Co-Curricular-2(CC2) Vocal Music/Yoga/Sports/Study Circle | 1 | Co-Curricular-2(CC2) Vocal Music/Yoga/Sports /Study Circle | 1 |
| - | - | IKS(Indian Cultural Heritage) | 1 |
| Open/ General Elective | 3 | Open/ General Elective | 3 |
| Total Credits | 22 | Total Credits | 22 |



SOMAIYA
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S.Y.B.Com Semester III and IV

ELIGIBILITY

Semester III:

A learner will be allowed to keep terms for semester 3, if the learner has passed semester 1 and 2 in full

OR

Learner has earned minimum of 26 credits in Semester I and Semester II taken together

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

SYBCOM Courses:

| Semester III | | Credits | Semester IV | | Credits |
|---|----------------|---------|---|----------------|---------|
| Core Courses (CC) | | | Core Courses (CC) | | |
| Accountancy and Financial Management-III | | 4 | Accountancy and Financial Management-IV | | 4 |
| Commerce-II | | 4 | Commerce-II | | 4 |
| Macroeconomics-I | | 3 | Macroeconomics-II | | 3 |
| Law of Banking and Operations | | 3 | Law of Insurance and practice | | 3 |
| Vocational Skill Enhancement (VSC) | | | Vocational Skill Enhancement (VSC) | | |
| Accounts Major | Commerce Major | 2 | Accounts Major | Commerce Major | 2 |
| Excel and Tally/GST | Advertising I | | Excel and GST/Tally | Advertising II | |
| Cocurricular(CC) | | | Cocurricular(CC) | | |
| Science of Living and Sports | | 2 | Emotional Intelligence | | 2 |
| Open Electives (OE) | | 2 | Open Electives (OE) | | 2 |
| Ability Enhancement Compulsory Course(AECC) | | | Ability Enhancement Compulsory Course(AECC) | | |
| MIL | | 1 | Field Project | | 2 |
| Indian Knowledge System (IKS) | | 1 | - | | - |
| Total Credits | | 22 | Total Credits | | 22 |

T.Y.B.Com Semester V and VI

ELIGIBILITY

Semester V:

A learner will be allowed to keep terms for semester 5, if the learner has passed all courses in semester 1, 2, 3 and 4.

OR

with minimum 52 credits in total from Semesters I,II,III and IV

Semester VI:

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

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

Courses:

| Semester V | | Credits | Semester VI | | Credits |
|--------------------|----------------|---------|------------------------------------|----------------|---------|
| Core Courses (CC) | | | Core Courses (CC) | | |
| Accountancy Major | Commerce Major | 15 | Accountancy Major | Commerce Major | 15 |
| Minor | | | Minor | | |
| Business Economics | | 3 | Business Economics | | 3 |
| Internship | | 4 | Discipline Specific Elective (DSE) | | |
| - | | - | Operations Research | | 4 |
| Total Credits | | 22 | Total Credits | | 22 |

F.Y.B.Sc, Semester 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 (Standard 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. (Standard 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 recognized as equivalent to the H.S.C. (Standard 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 the number of heads of failure in the Semester I.

Courses:

| Semester I | Credits | Semester II | Credits |
|--|---------|--|---------|
| Core Courses (CC) | | Core Courses (CC) | |
| Mathematics -Statistics Physics- Mathematics Physics-Chemistry Chemistry-Mathematics Physics-Geology Chemistry-Geology Chemistry -Botany Chemistry - Zoology Chemistry -Microbiology Botany- Zoology Chemistry -Biochemistry Physics -Zoology | 12 | Mathematics -Statistics Physics- Mathematics Physics-Chemistry Chemistry-Mathematics Physics-Geology Chemistry-Geology Chemistry -Botany Chemistry - Zoology Chemistry -Microbiology Botany- Zoology Chemistry -Biochemistry Physics -Zoology | 12 |
| English | 2 | English | 2 |
| Modern Indian Language | 2 | Modern Indian Language | 1 |
| Environmental studies | 2 | Environmental studies | 2 |
| Co-Curricular activities | 2 | Co-Curricular activities | 2 |
| Open /Generic elective | 2 | Open /Generic elective | 2 |
| - | - | IKS(Indian Cultural heritage) | 1 |
| Total Credits | 22 | Total Credits | 22 |



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S.Y.B.Sc. Semester III and IV

ELIGIBILITY

Semester III:

A learner will be allowed to keep terms for semester 3, if the learner has passed semester 1 and 2 in full or has earned minimum of 26 credits in Semester I and Semester II taken together

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

Courses:

| Semesters III and IV | | | |
|----------------------|---------|--------------|---------|
| Core Courses (CC) | | | |
| Major | Credits | Minor | Credits |
| Physics | 6 | Mathematics | 4 |
| Mathematics | 6 | Physics | 4 |
| Physics | 6 | Geology | 4 |
| Geology | 6 | Physics | 4 |
| Physics | 6 | Chemistry | 4 |
| Chemistry | 6 | Physics | 4 |
| Physics | 6 | Zoology | 4 |
| Zoology | 6 | Physics | 4 |
| Mathematics | 6 | Statistics | 4 |
| Statistics | 6 | Mathematics | 4 |
| Mathematics | 6 | Chemistry | 4 |
| Chemistry | 6 | Mathematics | 4 |
| Chemistry | 6 | Botany | 4 |
| Botany | 6 | Chemistry | 4 |
| Chemistry | 6 | Zoology | 4 |
| Zoology | 6 | Chemistry | 4 |
| Chemistry | 6 | Geology | 4 |
| Geology | 6 | Chemistry | 4 |
| Chemistry | 6 | Microbiology | 4 |
| Microbiology | 6 | Chemistry | 4 |
| Chemistry | 6 | Biochemistry | 4 |

| | | | |
|--|---|---------------------------------|----|
| Biochemistry | 6 | Chemistry | 4 |
| Botany | 6 | Zoology | 4 |
| Zoology | 6 | Botany | 4 |
| Skill Enhancement Courses (SEC)(based on Major) | | | 3 |
| Vocational Skill Enhancement Courses (VSC)(based on Major) | | | 2 |
| Open Electives(OE) | | | 3 |
| Semester III | | Semester IV | |
| Indian Knowledge System(IKS)(based on Major) | 1 | Field Project | 2 |
| Modern Indian Language (MIL) | 1 | | |
| Co-curricular (CC) | | | |
| Emotional Intelligence | 2 | Science of Living and Sports | 2 |
| Total Credits | | | 22 |

T.Y.B.Sc Semester V and VI

ELIGIBILITY

Semester V:

A learner will be allowed to keep terms for semester 5, if the learner has passed all courses in semester 1, 2, 3 and 4.

OR

has earned minimum of 52 credits in total from Semester I , II, III and IV taken together

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 | Credits | Semester VI | Credits |
|--|---------|--|---------|
| Core Courses (CC) | | Core Courses (CC) | |
| Botany | 12 | Botany | 12 |
| Biochemistry | | Biochemistry | |
| Chemistry | | Chemistry | |
| Geology | | Geology | |
| Mathematics | | Mathematics | |
| Microbiology | | Microbiology | |
| Physics | | Physics | |
| Statistics | | Statistics | |
| Zoology | | Zoology | |
| Discipline Specific Elective (DSE) | | Discipline Specific Elective (DSE) | |
| Select any one course from the subject specific options (Refer to the detailed program outlined on the website) | 3 | Select any two courses from the subject specific options | 6 |
| Vocational Skill Enhancement Courses (VSC) | 3 | Vocational Skill Enhancement Courses (VSC) | 2 |
| Internship | 4 | Field Project | 2 |
| Total Credits | 22 | Total Credits | 22 |

Postgraduate Degree Programmes

❖ M.Sc (Master of Science) 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 the 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 the 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.

NEP for Postgraduate Degree Programmes

Vide G.R. No. NEP-2022 /CR No. 09/VISHI-3 / dated April 20, 2023, With effect from Academic Year 2023-24, Two years Master's Degree Program is revamped.

- ❖ Under the One-year PG Diploma program, and two-year master's Degree program, the students must complete on-the-job training/internship of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.
- ❖ The 4 Credits Research Methodology Component is mandatory in the First Year
- ❖ The students will have to undertake a research project of 4 credits in Semester III and a research project of 6 credits in Semester IV in the second year of the two-year master's degree program.
- ❖ The exit option at the end of one year of the Master's degree program will commence from AY 2024-25. Students who have joined a two-year Master's degree program may opt for exit at the end of the first year and earn a PG Diploma.
- ❖ The PG Diploma will be awarded to a student provided they have earned the requisite credits in one year including on-the-job training of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.

Centre for Remote Sensing & GIS (CRSGIS)

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 Science & Commerce, by then 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 workshops, 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 candidates 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 expenses, 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 Programme, Xth Plan), had sanctioned a financial grant to start the One year Post Graduate Diploma Course in RST & GIS, the first of its kind in 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, Annex 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 data 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 data related to entities, which have geographic distribution. The relationship between distributed entities is termed as a spatial relationship.

GIS helps in undertaking spatial analysis and is therefore applicable to a wide variety of disciplines. 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 form 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) encompasses 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 patterns 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

1. 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 postgraduate 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 term of the academic year.

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

No. of students per batch: 20 students

2. 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 postgraduate courses under Faculty of Science/Arts in the constituent/affiliated colleges/recognized institutions of the University of Mumbai. A candidate who has already successfully passed the BA/MA in Geography or BSc/ MSc 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.

| Sr.No. | Name of Certificate Course | Minimum Entry/Admission level required |
|--------|--|---|
| 1 | Diploma in Remote Sensing Technology and Geographic Information Systems. | Second year students of any faculty or Certificate Course in RS & GIS or equivalent |

3. One Year Post Graduate Diploma Course In Remote Sensing Technology And GIS (UGC Sanctioned) (University of 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

courses and the minimum maturity level of the candidates to grasp, appreciate and derive maximum benefits from such courses.

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 | Duration | Minimum Entry/Admission level required |
|---|-----------------------|--|
| One year Post Graduate Diploma Remote Sensing Technology and Geographic Information Systems | 2 Semesters Full time | 1. Graduate in Geology, Geography, IT, Engg., In & Civil Diploma Holders with minimum 45 percent marks OR 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 Organization.

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 $\times 6 = 600$ marks)
- Six Practicals : (50 marks each $\times 6 = 300$ marks)
- One Special theory Paper: (100 marks $\times 1 = 100$ marks)
- Industrial visit and its report: (30 marks)

Project (250 marks) and Viva Voce : (20 marks) : Thus Totaling to 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

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) | Principles of Satellite Remote Sensing |
| Paper I Practical I | Principles of Aerial photography and |
| Paper II Practical II | Photogrammetry |
| Paper III Practical III | Computer Methods and Programming |
| Paper IV Practical IV | Statistical Methodology |

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

For Semester I:

- a) 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
- b) 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
- c) 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.
- d) 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.

Contact: [Dr. Jyoti Sharma](#)

Head, Department Of Geology

3rd floor K J Somaiya College of Science and Commerce.

jyoti.sharma@somaiya.edu

Certificate and Diploma Courses offered in college

| Name of the Course | Eligibility |
|--|--|
| Embedded systems | "10+2 (Science) , basic knowledge of electronics |
| Introduction to nanoscience and nanotechnology | 10+2 (Science) |
| Tally and e filing procedures of income tax returns | 10+2 |
| Interdisciplinary basic course in statistics | XII standard from any stream |
| Interdisciplinary advance course in statistics | 10+2 |
| Introduction to economics with practical application: microeconomics | 10 + 2 Commerce Students |
| Human resource management | 10+2 |
| Cyber laws | 10+2 |
| Astronomy | 10+2 |
| Basic field biology | UG/PG |
| Communicative english | 10+2 |
| Laboratory techniques -1 | Undergraduate students (Students should have studied Physics, Chemistry and Biology at Higher secondary level |
| Laboratory techniques -2 | Undergraduate with Level-1 of CCLT is completed." |
| Advance diploma in instrumental analysis | 10+2 |
| Basic mathematics | 10+2 (Science) |
| Computer based education in mathematics | "Undergraduate students of Science of FY/SY." |
| An introduction to cancer biology | Final year Science Student from any stream |
| Basic communication | 10+2 |
| Diploma in in-vitro propagation and processing of medicinal plants | 10+2 |
| Certificate course in herbal cosmetic | 10+2 |

| | |
|---|---|
| Diploma/ certificate course in nutrition, dietetics and food service management | 10+2 |
| Biophysics | 10+2 only science students |
| Calculus | Non Mathematics Students of Science stream, 10+2 and onwards |
| Creating a professional image for students | 10+2 |
| Design thinking | 10+2 |
| Certificate course in human microbiome | Biological science students |
| Course in communication skills | T.Y.B.Sc., T.Y.B.Com. and M.Sc. students |
| Certificate course in Fourier analysis | 10+2+SYBSc Mathematics students who have completed Calculus courses |
| Certificate course in value education | 10+2 |
| | Biological science students |
| Science journalism and mass communication | 10+2 |
| Forest fire management | 10+2 |
| Climate change implication | 10+2 |
| Kitchen refuse management through composting | 10+2 |
| Soft skills | 10+2 |
| Hands on training in python | 10+2 |

Diploma Courses offered in college

| Name of the Course | Eligibility |
|---|----------------------------------|
| Diploma Courses-Centre for Remote Sensing & GIS | Only PCGeo students are eligible |

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. There will be multiple examinations for the portion taught, spread throughout the semester. Students will be tested through internal tests out of 25. There will be various activities assigned to the students and will be marked out of 15. A repeat test will be conducted for those who have failed out of 40. Examination can be taken during regular lectures / practical / tutorials.

Option B: Project in the respective course

A student can opt for option B for a 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 for a maximum of 3 courses.

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.

For semester III and IV of S.Y.B.Com. For the subject Computer programming and Semester V and VI of T.Y.B.Com. For the 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). Questions will be based on the entire syllabus and each unit will be given appropriate 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. A minimum of 40 marks out of 100 are needed to pass the practical examination.

The practical examination of S. Y. B. Com. (Semester III and IV) for Computer Programming and in T. Y. B. Com. (Semester V and VI) Computer

System and Application, the practical will be of 40 marks and they will be treated as the internal evaluation for the course.

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 | F | 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:

The students are required to submit the assignments within the stipulated time given by the respective departments. Presentation of Project will be

before external examination and will be conducted by the respective departments.

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. All six semesters of UG and all semesters of PG ATKT examinations will be conducted. The internal exam for ATKT students will be a test/assignment based on the entire course prescribed for that course and semester.

Revaluation of Answer Books/ Photocopy of Answer Books (Not applicable to ONLINE Examinations)

Please refer to University circular No. Exam/photo & rev/college NCD/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 various technologies are not reevaluated.

A student can apply for revaluation 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. The 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 for photocopy from the date of declaration of results.
2. Apply within three days from the date of receipt of the photocopy of the answer book, if not applied before.
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.

Instructions to Candidates about Examinations

- Be on 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 anything 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 an unauthorized person.
 - Disobeying 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 will 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.

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/her 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 recommendation 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.n o. | Nature of Malpractice | Quantum of Punishment |
|------------|--|--|
| 1 | Possession of copying material | Only exam of that paper will be null and void |
| 2 | Actual copying from the copying material | Only exam of that paper will be null and void |
| 3 | Possession of another student's answer book | Only exam of that paper will be null and void |
| 4 | Possession of another student's answer book + actual evidence of copying therefrom | Only exam of that paper will be null and void |
| 5 | Revealing identity in any form in the answer written or in any other part of the answer book by the student at the examination | Only exam of that paper will be null and void |
| 6 | Found having written on palms or on the body, or on the clothes while in the examination | Only exam of that paper will be null and void |
| 7 | All other malpractices not covered in the aforesaid categories | Only exam of that paper will be null and void |
| 8 | Mutual / Mass copying | Entire examination of all the papers will be null and void |
| 9. | i) smuggling out or smuggling in of answer book as copying material | Entire examination of all the papers will be null and void |
| | ii) smuggling in of written answer book based on the question paper set at the examination | Entire examination of all the papers will be null and void |

| | | |
|----|---|---|
| | iii) Smuggling in a written answer book and forging signature of the Jr. supervisor thereon. | Entire examination of all the papers will be null and void |
| 10 | Attempt to forge the signature of the Jr. supervisor on the answer book or the supplement | Entire examination of all the papers will be null and void |
| 11 | Interfering with or counterfeiting of college seal or answer books or office stationary used in the examinations | Entire examination of all the papers will be null and void |
| 12 | Answer book, main or supplement written outside the examination hall or any other insertion in answer book | Entire examination of all the papers will be null and void |
| 13 | Insertion of currency notes / to bribe or attempting to bribe any of the persons connected with the conduct of examinations | Entire examination of all the papers will be null and void |
| 14 | Using obscene language/violence threat at the examination center by a student at the college to Jr/ Sr supervisor/ Chief conductor or Examiners | Entire examination of all the papers will be null and void |
| 15 | Impersonation at the college examination | Current semester all exams will be null and void and one additional exam which includes theory, practical and mid semester exam will not be allowed to appear |
| | Impersonation by a college student at SSC/ HSC/ any other examinations | Current semester all exams will be null and void and one additional exam which includes theory, practical and mid semester exam will not be allowed to appear |

16. If on a previous occasion a disciplinary action was taken against a student for malpractice used at examination and he/she is caught again for malpractices used at the examinations 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 Practical/ Dissertation/ Project Report Examinations shall be dealt with as per the Punishment provided for the theory examinations

18. The competent authority, in addition to the above mentioned punishments, may impose a fine on the student declared guilty

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, practicals, 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 practicals are likely to lose their terms. Students who do not submit compulsory project work in the subject are 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

4. convention or any other activities on behalf of the college should submit the application countersigned by the respective teacher in-charge.
5. All decisions pertaining to grant of terms will be decided by an Attendance Committee duly constituted by the college.
6. 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.
7. 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.
8. The Identity Card is meant for identifying the 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 an Identity Card as long as he/she is on 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.

9. Every student shall wear a clean and decent dress while coming to the College.
10. 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.
11. 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.
12. No student will be allowed to conduct any political activity in the College premises.
13. 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.

14. 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.
15. Students must take proper care of the college property. Strict action will be taken against students damaging College property and will be required to compensate for the damage.
16. Students involved in malpractices at the College / Board / University Examinations will not be admitted to the college.
17. 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. Consumption of Non-Veg is strictly prohibited inside the campus.
18. 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.
19. 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 instruments confiscated.
20. 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 the car parking area. Defaulters will be punished and their instruments confiscated.

21. 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.
22. Students must not attend classes other than their own without prior permission of the authority concerned.
23. Students shall do nothing inside or outside the college that will interfere with the authority concerned.
24. Students are not allowed to communicate any information about college matters to the Press.
25. Matters not covered above will be decided at the discretion of the Principal.
26. 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.
27. 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., 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

INSTITUTIONAL CODE OF CONDUCT FOR THE STUDENTS

1. The student is under an obligation to strictly adhere and follow the disciplinary rules and regulations of the Institute.
2. Any student indulging in any act of indiscipline or misbehavior will be liable to strict disciplinary action.
3. Students are prohibited from indulging in anti-institutional, anti-national, antisocial, communal, immoral or political expressions/activities within the Campus.
4. Any sort of damage to Institutional property due to negligence or on purpose will attract punishment and liability for monetary compensation for the loss incurred.
5. Students are strictly prohibited from parking their vehicles in the premises.
6. Every student must wear and ensure the display of I-cards in the college premises.
7. If a student misplaces the I-card, it should be reported immediately to the administrative office.
8. Students must be dressed decently.
9. Students should ensure regular attendance.

10. The student must adhere to the schedule decided by the respective teachers for their submissions (assignments, journals, tutorial works, projects etc.).
11. Students are expected to be honest and sincere in all academic activities and with all the stakeholders.
12. The students shall obtain an undertaking from their Guardian to participate in all Educational tours or Industrial visits and maintain discipline during the same.
13. The student should switch off their mobile phones when in the classroom laboratory, library, etc.
14. Students are prohibited from using staff wash rooms.
15. Students should ensure cleanliness of the college premises and use dust bins for disposing litter.
16. Students should ensure switching off the lights and fans when not in use.

Non-compliance of the institutional code of conduct will attract strict disciplinary action by the concerned authorities.

Mechanism adopted to monitor adherence to the institutional code of conduct:

Faculty representative from each department to monitor class-wise compliance to code of conduct for students.

INSTITUTIONAL CODE OF CONDUCT FOR THE PARENTS

1. Parents/ Guardian should recognize that the education of each student is the joint responsibility of the parent, student, faculty and the institution.
2. Parents/ Guardian should treat members of the faculty, staff, security personnel and others employed by the College, in a professional and respectful manner.
3. Parents/ Guardian should set an ideal example for students in their conduct, language and behavior on and off campus.
4. Parents/ Guardian should refrain from negative or unsubstantiated criticism that disparages the reputation of the college or its employees on any social media sites.
5. Parents/ Guardian, in case of any dispute, should seek clarification from the institute to bring about a successful resolution to the same.
6. Parents/ Guardian should ensure the regular attendance of their wards.

Attendance and Grant of Terms

1. Ordinances 0.119,0.120

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'.

2. Ordinance 0.125

- a) It states that 'To keep a term at a college or recognized institution, a 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'.
- b) 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.
- c) All applications for leave of absence along with a medical certificate, if any, should be submitted to the Principal and not directly to any teacher.

Procedure for availing different documents from college

Send the email to the respective email ID mentioned against the name of the document which is required by you and in the email draft mention your Name, Course, Year, Roll No., Div, Contact No. without fail. In subject of email write the name of the document required

MARK THE CC COPY OF EVERY MAIL TO rohini.m@somaiya.edu

| Sr. No. | Name of Certificate / document | Documents Required | Fees | Point of contact | No. Of days required |
|---------|--------------------------------|--|--------------------------|---|----------------------|
| 1 | Bonafide Certificate | Photocopy of Admission fee receipt | Rs. 20/- | tanaya.jadhav@somaiya.edu u | 3 |
| 2 | Character Certificate | Photocopy of Admission fee receipt/ ID and Marksheet of earlier examination | Rs. 20/- | tanaya.jadhav@somaiya.edu u | 3 |
| 3 | Duplicate Identity Card | FIR (From nearby police station), Affidavit, Photocopy of fee receipt | Rs. 500/- | tanaya.jadhav@somaiya.edu u | 7 |
| | Damaged Identity Card | Damaged ID Card | Rs. 250/- | | 7 |
| 4 | Duplicate Fee Receipt | Photocopy of Admission fee receipt / ID | Rs. 25/- | sushil.ss@somaiya.edu | 2 |
| 5 | Duplicate Leaving Certificate | FIR (from nearby police station), Affidavit, Photocopy of Fee receipt | Rs. 50/- | hitendra@somaiya.edu | 3 |
| 6 | Duplicate Marksheet | FIR (from nearby Police Station), Affidavit, Photocopy of Marksheet (if available) | Rs. 100/- per marks heet | | 7 |

| | | | | | |
|----|---|---|-------------|--|----------------------------|
| 7 | Transfer Certificate | Application letter/ Fee receipt from the College where admission sought, All Attested Photocopies -marksheets and Leaving Certificate, copy of fee receipt/s towards fees paid for earlier years. | Rs. 100/- | tanaya.jadhav@somaiya.edu | 8 |
| 8 | Migration Certificate | University Migration Forms, Fee receipt from the college where admission is sought All Attested Photocopies marksheets and Leaving Certificate | Rs. 100/- | vasudev@somaiya.edu | 25 |
| 9 | Transcript | Attested Photocopies of all the marksheets of earlier years (Even ATKT marksheet) | *Rs. 1000/- | tanaya.jadhav@somaiya.edu | 15 days |
| 10 | NOC | Photocopy of Fee receipt | Rs. 20/- | | 2 days if dues are cleared |
| 11 | FORM S / Bona-fide for Foreign Students | Copy of Previously issued FORM S (if applicable) , Copy of Visa, Passport , Latest residential address to be mentioned in the email. | Nil | rohini.m@somaiya.edu , principal.kjssc@somaiya.edu | 4 |
| 12 | Medium of Instruction | All earlier marksheets | Nil | tanaya.jadhav@somaiya.edu | 2 |

| | | | | | |
|----|--|--|-----|--|--|
| 13 | Caste verification/ Validity related letter | Leaving Certificate , Passing Certificate , Marksheet , Latest fee receipt | Nil | hitendra@somaiya.edu rohan.sorte@somaiya.edu | <u>3</u> |
| 14 | Recommendation letter | Kindly send an email to your respective teaching faculty / HOD Faculties will send email to divya@somaiya.edu | | | 2 days after receipt of email from concerned faculty |

Procedure for availing different Services from college

Send the email to the respective email ID mentioned against the name of the document which is required by you and in the email draft mention your Name, Course, Year, Roll No., Div, Contact No. without fail. In subject of email write the name of the document required

PLEASE NOTE:

Incomplete supportive documents may result in delay in issuing the required certificate/ documents

Charges towards certificate, if any, be paid online and acknowledgment should be shared on email

| Sr. No. | Assistance offered in various services like | Point of contact | No of days in which revert of email can be expected |
|---------|---|--|---|
| 1 | Scholarship / Freeship, Caste validity / caste verification, Girls concession for junior college | hitendra@somaiya.edu rohan.sorte@somaiya.edu | 2 |
| 2 | H.Sc board exam form filling, Eligibility cases , Leaving certificate corrections , Duplicate passing certificate / marksheet from H.Sc board office - All these services related to JUNIOR COLLEGE | darshana.salvi@somaiya.edu | 2 |
| 3 | Migration certificate , Eligibility cases , Online Transference Certificate generated through University of Mumbai's portal - All these services related to degree college | vasudev@somaiya.edu | 2 |
| 4 | Payment of various fees, disbursement of fees , refund of various amount , extension of due date of payment | sushil.ss@somaiya.edu | 2 |

Extra-curricular & 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. The college organizes PTA meetings in the first term of the academic year, generally in the month of August.

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

The canteen provides tasty snacks at reasonable prices.

Reprographics Facility

A Xeroxing and binding facility is available for students at concessional rates.

Central Instrumentation Laboratory

The college has set up a well-equipped Central Instrumentation Laboratory on the 6th floor of the Annexed Building Engineering College. The laboratory has all sophisticated instruments like FTIR, HPLC, HPTLC, UV - VIS spectrophotometer 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, taekwondo, 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 center of the campus. It is a 400 meter, eight-lane athletic track. The track has been awarded the 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 & triple jump are available. Annual Camps are conducted.

Group Insurance Policy

1. 100% coverage in case of the 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.

This scheme can cover 24 hours hospitalization due to accident cause only and no natural death and sickness covered.

Accidents death includes Rail / Road / Air accidents, injury due to any Violent Collision, Fall Injury due to Fire, Explosion, Snakebite, Frostbite Burn Injury, Drowning, Poisoning, Natural Calamity, Riots, but it will not include suicide or attempt to suicide.

These are only illustrative and not an exhaustive list of types of accidents.

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 the 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

Apply online for availing Railway Concession through my account portal.

What is SVVNetID?

Once you join the campus, you will get the somaiya email id. The SVVNetID is actually the first part of the email id.

Ex. Somaiya email id - example@somaiya.edu

SVVNetID - example

The Somaiya Vidyavihar provides faculty, staff, and students a variety of computing resources and online services. A SVVNetID (an account name that identifies you as a member of the Somaiya Vidyavihar community) and password is required to access most of these services (OPAC access, Access to SVV campus computer / laptop and Access to SVV AD Portal, to apply for Railway Travel concession , Internet access both Wired & Wi-Fi for some colleges).

How to get your SVVNetID?

SVVNetID will be created automatically. Your SVVNetID and password is supplied to you on your Somaiya Email ID and Personal Mobile. Your access to specific online services is determined by your eligibility and authority. A portal to manage the SVVNetID account is myaccount.somaiya.edu , by logging into, members of the SVV community can manage personal information that is displayed in the SVV Database like mobile phone number, personal email id, change the password for SVV services, and reset forgot password and many more.



SOMAIYA
VIDYAVIHAR

K J Somaiya College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)



What is Somaiya Email id?

Somaiya Email id is an Email id given by Somaiya Institute to all Students, Staff and Faculties. For Students, it is a lifetime email id.

Link for Accessing Somaiya Email id is mail.somaiya.edu

Somaiya mail id is essential for

- Communication
- Attending online classes
- Online examinations

Library

The college has a well equipped library with more than 80,000 books 41 E-books, 187 CDs, DVDs and VCDs, and 27 journals.

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.
- Overnight book issue facility during exam
- 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 :<http://opac.somaiya.edu>
- Remote Access Link provided to Online subscribed Journals : N-List and EBSCOHOST Discovery Services. The username and password for Ebsco is the mail id and password provided by the college. For N-List contact the librarian for username and password.
- User Orientation is given
- Assistance in searching Databases is provided.

Information on BOOKWORM

The library is using 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.

1. HOME LENDING

- Library books will be issued to the regular students for home lending only during the prescribed hour in every academic year.
- Two books for Under Graduate students and four books for Post graduate students will be issued for home lending against the library card. Pure Reference books, costly books, loose issues of periodicals, magazines, and newspapers will not be allowed out of the Library or for home lending.
- A requisition slip must be properly filled in & the same must be submitted to the library requesting for a book for home lending.
- The books issued for home reading must be returned to the library within seven days i.e. on or before the last date marked on the slip in the book.
- The borrower will be responsible for any loss or non-return of any books issued against his / her I-identity card.

2. CREDIT SYSTEM FOR FINE FROM ACADEMIC YEAR 2017-18:

- A fine of rupees 2 /- will be charged for every day of delay. While charging the fine, Sundays and holidays will also be considered.
- The credit limit of fine is upto Rs.50/-
- Students can pay a fine at the cash counter in the office (G Floor) through their ID number OR they can pay online by using their SVV net ID.
- In case a member fails to return the book in time, automatic reminder through email will be sent.
- After crossing the credit limit of Rs.50/- his/her local issue will be blocked.
- After paying the late fine by student the account will be UN-LOCKED
- A fine of Rs.10/- will be charged for overnight book facility.

3. SELF RENEWAL OF HOME ISSUE BOOKS: Rules

- Students can renew books themselves through WebOPAC provided the book is not in demand/ reserved and should be renewed before the due date.
- Every student can login into the OPAC through the integrated ID SVVNet which is already sent on your mobile and also on your email.
- Senior Students can renew the book only one time and PG students can renew the books twice.

4. BOOK RESERVATION FACILITY: Rules

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

- Search the required book, if not available click the 'Reserve ' button.
- Once the reserved book is back into the library, the system will send notification through an email to the reserved member automatically.
- Books will be kept reserved for one day.
- System will also notify through email, the borrowed members to return the book on or before due date
- Books which have reservations are not allowed for 'Self Renewal'
- The book may be issued for a week more provided there is no demand for the book from other students.
- Book reservation facility is also provided on Web OPAC through SVV net ID.

5. Global Common Circulation(GCC) module:

- Any member can borrow books from any library.
- All Somaiya users will be able to borrow one book for 7 days
- GCC policy for SVV campus and Ayurvihar campus finalised by management as under:

| Member Type | Course Type | Issue | Material Type | Issue Days | Due Days and Fine |
|-------------------|-------------|-------|---------------|------------|---|
| Student | UG | 1 | Textbook | 7 | 1-7 days Rs.10/- per day |
| Student | PG | 1 | Textbook | 7 | |
| Student | PhD | 1 | Textbook | 14 | |
| Staff/ Faculty | Staff | 1 | Textbook | 7 | More than 8 days Rs.12/- per day |

- In case a Member fails to return in time, a reminder email will be sent. And his/her local issue will be locked. After payment of fine the account will be UN-LOCKED

6. [AUTO EMAIL/ SMS REMINDERS](#)

Every user gets an auto reminder for issued books before the due date and after the due date. Through this reminder users come to know the books which are due for return and they can renew books online by using a reference link.

[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+ ebooks.
- In-house/ remote access to e-publications is available for N-List (Inflibnet) ink 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 severely punished.
- No eatables are allowed in the library.

New technology introduced by Library Department

KIOSK System:

In the Year 2018-19 library introduced the KIOSK system where students/faculty/ staff can self-issue, return, and renew the book on their own in the library itself.

The action buttons show the processes using kiosk, including check out (Issue), Renew, Check in (Return) and Account summary. Procedure is as follows:

For self-issue, return, renewing I-Card is necessary. Members can also do these functions through their SVV Net Id.

For this they have to select the options given on screen. i.e issue, return, and renew

Then they have to do authentication by using their I-Card or by using SVV Net Id and password.

After successful authentication, the user puts the books on the scan bed (which is on the right side of the screen), Students can issue or return 3 to 4 books at a time.

The system will automatically return, issue or renew the books , i.e as per the option selected by the students..

Once the row goes green, the option is clicked. The screen navigates three options, i.e Print receipt, Email Receipt and No Receipt. We recommend always referring to the mail Receipt option to save paper wastages.

Note:

1. Users don't need a physical book at the time of renewal.
2. From the Library self-check user can only see the reserved book list but the user needs to go to opac.somaiya.edu for reservation or cancellation of the books.



वर्ष दुसरे



भविष्यवेधी नेतृत्व
मा. उदय सामंत
उच्च व तंत्र शिक्षण मंत्री,
महाराष्ट्र राज्य



महाराष्ट्र राज्य
उच्च व तंत्र शिक्षण विभाग
व महाराष्ट्र माहिती तंत्रज्ञान सहाय्यता केंद्र
यांच्या संयुक्त विद्यमाने

करिअर कट्टा

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- पोलीस भरती
- बँकिंग सेवा
- स्टाफ सिलेक्शन कमिशन
- केंद्रीय पातळीवरील स्पर्धा परीक्षा (यु पी एस सी)

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

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३६५
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| Certificate Course in Journalism | Communication Skill Program |
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| E- Filling | Soft Skill Development |
| Introduction to Basic Concept of Accounting | Digital Banking |
| Digital Marketing | Political Ethics and Value |
| Leadership Development | Literacy about Judicial Process |
| Constitutional Values and Ethics | Certificate in Office Administration |
| Certificate in Training Management | Organic Farming |
| Fruits and Vegetables Drying Dehydration and Technology | Certificate course in World Politics |
| Certificate course in Rural Development | Scientific Temperament |
| Green Chemistry | Renewable Energy |
| Nanotechnology | Biotechnology |
| Medical Lab Technology | Nano Biotechnology |
| Introduction to Forensic Science | Tourism Management |
| Forensic Accounting | Cyber Law |
| Office Management | Consumer Protection Act 2019 |

Somaiya Institutes and Initiatives - Timeline

| | <i>Schools</i> | | |
|------|---|------------|----------------------|
| 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 |
| | | | |
| | <i>Humanities and Sciences</i> | | |
| 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 |

| | | | |
|------|--|------------|--------|
| | <i>Sanskriti Vihar</i> | | |
| 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 |
| | | | |
| | <i>Tantra Vihar</i> | | |
| 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 |
| | | | |
| | <i>Somaiya Ayurvihar</i> | | |
| 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 |
| | | | |
| | <i>Initiatives and Outreach</i> | | |
| 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 |