K J SOMAIYA COLLEGE OF ENGINEERING

CHOOSE TO BECOME A MULTI-FACETED, FUTURE-READY ENGINEER

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Somaiya Vidyavihar University
A new milestone in a glorious ongoing journey

Established in 2019, Somaiya Vidyavihar University, Mumbai, is a self-financed, autonomous university recognized by the University Grants Commission (UGC).

Somaiya Vidyavihar, with over six decades of rich experience in building and managing educational institutes of great repute, is the sponsoring body.

Operational from 26th August 2019, Somaiya Vidyavihar University is a place where you can explore new possibilities, pursue your passion and above all, find yourself.
Welcome to Somaiya Vidyavihar University. We are a place where you can explore new possibilities, pursue your passion, and above all, find yourself.

Our motto is: ज्ञानादेव तु कैबल्यम् | Knowledge alone liberates. Knowledge provides opportunity. To make the life lived more meaningful. In the service of one's family, one's community, one's समाज, country, and indeed the world.

The education we provide will reflect its timeless fundamentals, its current context, and applications. We will strive to provide you 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 and holistic. With projects that are 'real' and those that complement the learning inside the classroom. We want you to be at the cutting edge of change, to incubate companies, to create NGOs, and pursue any field of your passion. Our education will also instill an appreciation for art and culture, the Indian tradition, and will include sports as a part of the campus experience. We want each of you to 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. I invite you to come and be a part of our community and to further this mission.
K J Somaiya College of Engineering was established in 1983, after becoming an autonomous college in 2014, was accredited with the top NAAC ‘A’ grade in 2017, and then by the National Board of Accreditation (NBA), and is now one of the high-quality engineering colleges in Mumbai, ranking top in the national and global institutional ranking systems. Understanding the global trends in the domain of engineering and technology, K J Somaiya College of Engineering facilitates and supports students’ participation in national and international fairs, seminars and conferences. The graduating students of the college are being hired by best companies in the world. The college offers opportunities for academic progression in its own post-graduate courses as well as in premier R & D institutions in the country and abroad. The greatest strength of the college is the vast number of teachers with highest academic qualifications, Ph.D, and rich teaching and research experience.

K J Somaiya College of Engineering is located in the Somaiya Vidyavihar campus, one of the top green, most environment-friendly, campuses in Mumbai Metropolitan region, with all educational, recreational, community, health and sports facilities. The academic content of the engineering programmes, highly qualified and experienced faculty, and the top-class infrastructure of K J Somaiya College of Engineering would provide students the necessary skills, knowledge and work experience to come out as successful world-class and future-ready engineers.

I have great pleasure in inviting you to the Somaiya Vidyavihar University. Best wishes in getting admitted as a student of this prestigious engineering college.
The new phase of the Industrial Revolution, namely Industry 4.0, is mainly focused on interconnectivity, automation, machine learning, and real-time data. It has already become an integral part of everyone’s life and all phases of education and industry. An amalgamation of all basic branches of engineering to solve real-life problems, Industry 4.0 defines the automation and data exchange trend in manufacturing technologies. Learning about Industry 4.0 should start in college itself, where the students are taught and prepared for the ever-changing technological challenges once they graduate.

Educational institutes must adapt to the rapidly evolving work-environment and ensure that students have the theoretical and practical knowledge to meet the demands of the work force. At K J Somaiya College of Engineering, we offer exposure to project-based learning right from First Year, where emphasis is on identification of problems, and devising technology solutions through collaborative learning.

The college provides a variety of learning experiences, where concepts are taught to the students through simulations, models, peer learning, personalised adaptive learning to name a few. Additionally, to supplement their learning, our students can choose a number of interdisciplinary, audit and add-on courses, apart from their regular There is a possibility of learning courses beyond engineering, like Finance, Banking, Industrial Psychology, Management, Indian Culture and the like, in the other constituent colleges of Somaiya Vidyavihar University.

K J Somaiya College of Engineering enables students to stand out among their competitors, and not to fumble, but confidently take on the big question, “What Next?”

Above all else, K J Somaiya College of Engineering comes from the Somaiya Vidyavihar University – a name associated with rich legacy and unflagging commitment to the cause of education and research.

Dr. Shubha Pandit
Principal, K J Somaiya College of Engineering
Somaiya Vidyavihar University
Welcome to
K J Somaiya College of Engineering
A constituent college of Somaiya Vidyavihar University
Designed around the vision to make you future-ready at every level

K J Somaiya College of Engineering is now a constituent college of the prestigious Somaiya Vidyavihar University. It was established in 1983, on the 50-acres lush green campus of Somaiya Vidyavihar in a prominent suburb of Central Mumbai.

K J Somaiya College of Engineering is a student-focused institution committed to excellent teaching and research, as well as access and affordability.

The college has been awarded 'A' grade by the National Assessment and Accreditation Council (NAAC) in the year 2017, valid for five years. With recommendations from the University Grant Commission (UGC) and the Government of Maharashtra the college has received Autonomous status since 2014.

K J Somaiya College of Engineering has been ranked:

#06 Times of India Ranking (West Zone)
#09 The Week - Private Engineering Colleges (West Zone)
#17 India Today Rankings (India)
#33 Education World for Engineering (India)
#182 NIRF 2019 Govt of India
Facilities & Infrastructure

» The college is housed in two contiguous buildings, named Aryabhat and Bhaskaracharya both located on the Somaiya Vidyavihar Campus in Vidyavihar East, which is well-connected via trains, metros & buses, allowing easy access across Mumbai. The buildings are spacious and friendly to the specially-abled, with facilities that enable students to enjoy a successful academic and social life.

» On-campus accommodation is available for students from outside Mumbai on request. There are three hostels on campus with separate accommodation for girls and boys.

» The college comprises of 70+ well equipped laboratories, spacious and airy classrooms with multimedia facility, seminar halls, a library spread over four floors, an auditorium with a seating capacity of 450, training and placement rooms, multiple common computing facilities, students activity centres and workshops for mega projects, indoor sports facilities such as a badminton court, carrom room, table-tennis rooms, spacious and hygienic canteen facility.

» Additionally, the Somaiya Vidyavihar campus has multiple top-of-the-line facilities including full-size football field, athletic track, volleyball & tennis courts, gymnasiuums, squash courts, yoga room, medical centre, open-air amphitheatre, etc.

» Interdisciplinary centres and laboratories like riidl (research, innovation incubation and design laboratory), SCEL (Somaiya Centre for Experiential Learning) and SIRAC (Somaiya Institute for Research and Consultancy) all support entrepreneurship & innovative start-ups, also offering well designed spaces to conduct research and develop new products on the best equipment available.
Somaiya Vidyavihar University truly believes in, and at every step, upholds the principles of Diversity. In keeping with this principle, the admission is open to all students from any board from India and Foreign Nationals, PIOs, NRIs, and Children of India Workers in Gulf Countries.

Under Graduate admissions are on the basis of JEE Main (Jan / April 2020) / MHT-CET (2020) / Somaiya Entrance Test for Engineering.

The college will be offering Ph.D programmes under the aegis of Somaiya Vidyavihar University. It has also been recognised as a Research Centre by the University of Mumbai.

A few Industry-oriented Certificate Courses and Postgraduate Diploma programmes will also be offered.
Upholding its legacy of being the pioneer of high-quality education, Somaiya Vidyavihar University is committed to providing an integrated educational offering, that is as new-age as it is future-ready.

In a bid to supplement their education, the college offers and encourages its students to explore different ways to earn their degrees. To illustrate, a student who wants to deep-dive into his chosen Engineering subjects can pursue an Honours Degree with a specialisation in the same.

Or a student pursuing a Major Degree in any Engineering programme can earn extra credits by choosing a Minor Programme that complements the Major Degree he/she is pursuing. The Minor Programme could be from another branch of engineering in the same college or in Banking & Finance, Marketing, Languages, Industrial Psychology and many others, being offered in our other constituent colleges of Somaiya Vidyavihar University.

For students who want to expand their networks and fast-track their careers, the college is also proposing to offer Dual Degree Programmes which allows them to pursue two degrees simultaneously in the same domain or two different domains.

In our college, education goes beyond the classroom and onto the sports fields as well. Given that a healthy mind lives in a healthy body and with all state-of-the-art sports facilities available on our campus, students can choose Sports as an Exposure Course.

K J Somaiya College of Engineering offers opportunities for students to pursue interdisciplinary research in different disciplines across the university. Presence of an incubation and maker lab, riidl (research, innovation incubation and design laboratory) on the campus offers student a place to conduct research, to develop new products on the best equipment available and also take their idea to the market.
Some of our Distinguishing Practices

<table>
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<tr>
<th>170+ highly educated and dedicated faculty members</th>
<th>Curriculum designed and delivered by distinguished industry and academia</th>
<th>Major / Minor / Dual-Degrees</th>
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<tbody>
<tr>
<td>Focus on Problem/Project-Based Learning</td>
<td>Wide choice of multi-disciplinary courses</td>
<td>Merit-based scholarships to needy students</td>
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<td>Student Exchange Programmes</td>
<td>Research Internships and Semester-Long Internship</td>
<td>Collaborative learning, achieved through course projects, case studies, seminars, etc.</td>
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<td>Special attention to needs of Specially-abled students</td>
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Transparent Examination and Assessment Systems | Encouragement to Innovation & Entrepreneurship |
Student Activities: Overall Personality Development

Encouraging Student Involvement

At K J Somaiya College of Engineering we emphasise on more practical rather than rote learning. Through project-based learning the students get an opportunity to challenge themselves by designing, building and testing mega live projects, with the guidance of their faculty mentors.

Our students’ teams have been participating and winning awards in several national and international technical events/competitions such as Smart India Hackathons and Robocons, Student Formula Racing and Energy Efficient Cars to name a few.

An active Student Council organises co-curricular and extracurricular activities, national-level sports competitions, technical, and cultural festivals on campus. There are many diversified teams such as Rhapsody (drama), Gyrations (dance), Insignia (Art), Shutterbugs (photography) etc. Some widely popular and well-attended annual festivals organised by the council include:

- Abhiyantriki: Technical Festival
- Symphony: Cultural Festival
- Skream: Sports Festival
- Prakalpa: Project / Paper Competition

In line with the principles of our founder about giving back to society, the students have initiated project ‘Parvaah’, that encourages students to participate in activities and voicing their opinion on critical social issues, So far, Parvaah has taken up various issues like Women’s Safety, establishing a Zero-Waste Community, beautification of the Ghatkopar Railway Station and supporting the LGBTQ community.
Student Achievements

Making our college proud

Time and again, our students demonstrate the efficacy and effectiveness of our rigorous educational system with their outstanding achievements at various competitive fora:

Team Orion

*Acing the winning habit*

Since 2006, the Student Formula Racing Team been bagging top rankings for their cars in national & international competitions. In 2019, the team unveiled its First Electrically Powered Car which runs on a carbon fiber chassis, a material used manufacturers of professional F1 vehicles. They won the first place in Formula Bharat 2020's Electric Vehicle category.

Robo Rehab

*In service of mankind*

A smart rehabilitation device developed by the college students, that can be used in various stages of physical rehabilitation for ailments like stroke, post joint replacement surgeries, fracture recovery. The students have received an approval for funding from the Society of Innovation and Entrepreneurship (SINE), IIT Bombay for developing a prototype.

Team Onyx

*Flying high*

Has been designing and fabricating Remote Controlled Aircrafts and has been representing the college at various Aero Design and Aero Modelling competitions. The team recently won accolades at the SAE Aero Design East held at Fort Worth, Texas in 2019.

Team ETA

*Fuelling success*

Has been constructing energy-efficient cars since 2013 with the idea of saving the depleting fossil fuel reserves & reducing carbon footprints. In 2019, Team ETA has made a fuel-efficient car with top mileage of 268.7 km-pl that won the First Place in 2019 Shell Eco Marathon India.

Team Robocon

*Creating tomorrow*

Has been developing their own efficient robots, using different technologies and minimal resources. The team achieved all India 5th Rank in the annual competition ABU ROBOCON 2019 at IIT Delhi.

Smart India Hackathon

*Success delivered*

The college encourages the students to participate in competitions like Smart India Hackathon that helps them in understanding and solving real world problems. Since 2017, student teams have won prizes worth ₹ Five Lakhs.
Placement & Internships

With continuous efforts of the Internship Cell of the college, each student is provided with an opportunity for field exposure and/or application-based learning during their internships. Students can also take an active part in the research work conducted by college faculty members as internal internships. K J Somaiya College of Engineering also provides the possibility of semester-long internships to Final-Year students.

With its two-pronged strategy of sustained and effective industry outreach on one hand, and arming students with the requisite skills for a successful internship, the Placement Cell team has been consistently providing opportunities for each student to put their knowledge to action.

The track record of companies in recent years is overwhelming & annually more than 75 companies visit K J Somaiya College of Engineering for campus recruitment for both UG as well as PG students. This year, more than 600 offers have been made with:

Average Package: ₹5.5 LPA

Highest Package: ₹18 LPA

Our students have been placed in
True Ambassadors of the College

Our Alumni

Having been in the academic arena for more than 3 decades, we have a strong alumni base, not just in India but the world over. Our alumni live and work across the globe, are successful in their careers and we are very proud of them. Our alumni keep in touch with us, they engage with our current students through guest lectures, workshops, offer company visits and mentorship programmes to help prepare them for the industry.

Our graduates include Software Developers, Data Scientists, Post-Doctoral Research Fellows, Defence Workers, Entrepreneurs & Business Leaders, Sporting Champions. The people listed here are only a handful of the thousands of alumni making their mark in the world.
Padmabhushan Shri K. J. Somaiya
Founder, Somaiya Vidyavihar (Estd: 1959)

1 Visionary and 60+ years of legacy

- 8 Campuses
- 34 Institutions
- 1,500+ Faculty
- 2,500+ Staff
- 40,000 Students
- 100+ Student Clubs
- 230+ Courses
- 20+ Libraries
- 6 Hostels
- 1,500+ Student Accommodation
- 15+ Dining Options
- Girls : Boys Ratio - 1:1
- 20+ Sports Offerings
- 100+ Start-ups
- 20+ Project Patents
Enter this world of new-age education now, and leave as a multi-faceted and future-ready Engineer.

Contact Us

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